

**NATIONAL
CANCER REGISTRY
PROGRAMME**

Indian Council of Medical Research

An Assessment of the Burden and Care of Cancer Patients

NATIONAL CANCER REGISTRY PROGRAMME

Indian Council of Medical Research

Ten-Year Consolidated Report of the Hospital Based Cancer Registries

1984 - 1993

An Assessment of the Burden and Care of Cancer Patients

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NEW DELHI - 110029
December 2001 (First Prepared August 1996)

Hospital Based Cancer Registries provided individual core data. Quality Control checks, tabulations and statistical analysis were done at the Coordinating Unit of NCRP, Bangalore.

The publications of NCRP are intended to contribute to the dissemination of authentic information on cancer patterns in the country.

PRINTED IN INDIA

Published by the Coordinating Unit, National Cancer Registry Programme (ICMR), No 557, 'Srinivasa Nilaya', New BEL Road, 7th Main, Dollar's Colony, Bangalore 560 094 and Printed at the National Printing Press, Bangalore 560095

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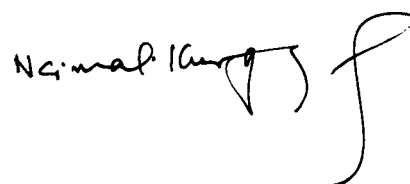
FORWARD

The Hospital Based Cancer Registries provide important information related to efficacy of hospital practices in the management of cancer patients. The treatment efficacy and long-term survival of patients according to different patient characteristics and treatment modalities lead to streamlining of management practices and helps in the development of hypothesis for future research in the area. This consolidated report of Hospital Based Cancer Registries (HBCR) under National Cancer Registry Programme (NCRP) for the years 1984-1993, is the result of work carried out by the six Hospital Based Cancer Registries (HBCRs) located at institutions in different parts of the country.

The HBCRs helped the institutes to know the magnitude of the cancer problem and exact status with reference to patient characteristics and management in the respective institute. A very high percentage of clinically spread disease is seen when the patients first attend for treatment leading to poor survival. This emphasizes the importance and need of early detection and organizing palliative care and pain relief clinics.

The report highlights the complex issues involved in cancer patient care in the Indian context. In bringing about an assessment of the magnitude and care of cancer patients, the report has highlighted the need for systematic recording of clinical information and underscores the difficulties in obtaining follow-up details on a regular and sustained basis for evaluation of outcome of treatment. This area needs considerable strengthening by the institutions.

It is hoped that this report will serve as guide to the treating oncologists, researchers and health administrators to look afresh into various aspects of cancer patient management and problems encountered in our country. The registries and their staff deserve appreciation for the efforts they have put in for collection and analysis of data on continuing basis and for preparation of this report.



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ACKNOWLEDGEMENTS

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Staff of Coordinating Unit: Mr G.C. Shivayogi, Mr N.M. Ramesha and Mr M. Rajendra;

*Staff on the Project on Development of an Atlas of Cancer in India:
Ms F.S. Roselind and Ms Lakshmi A;*

Dr Kumara Swamy, for reviewing preliminary draft of report and suggestions;

*Dr R.N. Visveswara, Mr P. Gangadharan and Dr Kumara Swamy as members
of Printing Committee.*

Prof. K. Ramachandra Reddy and Dr C. Ramesh for final proof reading.

DEDICATION



Dr L.D. Sanghvi (1921-2001)

This consolidated report is dedicated to the memory of Dr L.D. Sanghvi, the co-founder and first Project Officer of the National Cancer Registry Programme (NCRP). In fact, this report was commenced under his auspices as a five-year report. With his vast knowledge and experience, Dr Sanghvi was instrumental in establishing the technical foundation for analysing and reporting the data accrued from the various registries under the NCRP. In his passing away, the programme has lost a renowned scientist in the field.

National Cancer Registry Programme

The Indian Council of Medical Research initiated a network of cancer registries across the country under the National Cancer Registry Programme (NCRP) in December 1981. This move followed the recognition that there was an urgent need for strengthening the existing cancer registries and organization of new cancer registries in different regions of the country.

The programme was commenced with the following objectives:

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

Data collection commenced from 1 January 1982 in the population based cancer registries at Bangalore, Chennai and Mumbai, and in the Hospital Based Cancer Registries at Chandigarh, Dibrugarh and Thiruvananthapuram. From 1986 two more urban population based cancer registries were started in Delhi and Bhopal. For the first time a population based rural cancer registry was also started by the ICMR during the subsequent year (1987) in Barshi in the state of Maharashtra.

In order to extend the assessment of cancer patient care, Hospital Based Cancer Registries were also started at Bangalore, Chennai and Mumbai in 1984.

The NCRP is a long-term activity of the Indian Council of Medical Research. The programme is one of the many major activities of the Division of Non-Communicable Diseases. The Chief of the Division is the Director of the Programme with a Project officer who coordinates the activities through the Coordinating Unit. Dr Usha K. Luthra who was the then Chief of the Division and Dr L.D. Sanghvi who was the first Project Officer were the founder members. The Programme is assisted by a Steering Committee that meets periodically to oversee and guide its functioning. A review meeting is held annually where the Principal Investigators and staff of the registries, under the NCRP, present data and participate in the discussions.

Cancer registration is active in that staff of registries visit hospitals on routine basis and scrutinise the records in various departments that include pathology, radiology, radiotherapy, in-patient wards and out-patient clinics to elicit the desired information on reported cancer cases. The hospitals include the main cancer hospitals, other general hospitals in both the government and private sector. Besides pathology laboratories that routinely report cancer cases are also visited. Death certificates are also scrutinised from the municipal corporation units. Every attempt is made by registries to register all cancer patients in the registration area who are resident (at least one year) in the area in all hospitals and copy all death certificates in which cancer is mentioned.

Cancer registries collect information on cancers reported in a prescribed format with specified guidelines and the data so collected is entered on a computer. All registries are required to register all malignant neoplasms coded as per the International Classification of Diseases for Oncology (ICD-O) with a behaviour code /3 (WHO, 1975,76). Besides identifying information and duration of stay at the permanent place of residence they also collect information on educational status, religion, language spoken, method of arriving at a final diagnosis of cancer, extent of disease at the time of diagnosis and mode of treatment(s) given up to six months of diagnosis.

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

A workshop is held annually, with the objectives of discussing the various aspects of working of the registry, problematic cases, use of coding and discussion on medical terminology, statistical and epidemiological methods. About 2-3 senior and junior staff of all the registries under the NCRP, participate in the workshop.

Apart from the above the Coordinating Unit undertakes and coordinates epidemiological and other research studies including those to ensure that the quality of data is of a high standard and that coverage of cancer cases in the registry area is as complete as possible. Recently a population based cancer survey was done in selected defined divisions within the registry areas in Bangalore, Chennai and Mumbai. The results revealed that the proportion of coverage of cancer cases by the registry was 71.8% in Bangalore, 100% in Chennai and 78% in Mumbai (NCRP Report, 1999).

An inter-registry panel of pathologists was constituted to study histological features that correlate with prognosis in cancer of the breast. This was completed and the results showed that clinical extent of disease, vascular invasion and involvement of nipple/areola/skin of breast were the factors that significantly influenced survival (NCRP Report 2000).

To determine the association if any between a history of vasectomy and cancer of the prostate a multi-registry case control study is underway and collection of data on cases and controls is just complete. A case control study on cancer of the gall bladder in Delhi is also going on. The WHO is supporting a project on Development of an Atlas of Cancer in India, through networking of pathology departments of medical colleges, cancer centres and major hospitals across the country.

Over the years, staff from registries under the NCRP, have benefited from both short and long term training fellowships in established institutions abroad. This has helped them and the registries to develop into departments of epidemiology and undertake several studies on their own, and contribute to several research publications in indexed journals. The NCRP and the registries also regularly contribute to the succeeding volumes of Cancer Incidence in Five Continents published by the International Agency for Research on Cancer, which is the cancer research arm of the World Health Organization. Among the more important contributions from the registries is the exercise on population based survival in selected sites of cancer. This was published for the first time in the context of a developing country.

The detailed tabulation of the respective registries' data is given in the latter part of this report.

HOSPITAL BASED CANCER REGISTRIES AND THEIR ROLE IN THE INDIAN CONTEXT - AN OVERVIEW

Dr A. Nandakumar and Dr Usha K. Luthra

Objectives of Hospital Based Cancer Registries (HBCRs) have been as follows (Maclennan *et al*, 1978; Young JL, 1991):

1. GENERAL:

- 1.1 Assess patient care;
- 1.2 Participate in clinical research to evaluate therapy;
- 1.3 Provide an idea of the patterns of cancer in the area;
- 1.4 Help plan hospital facilities.

2. SPECIFIC:

- 2.1 Contribute to active follow-up of the cancer patient;
- 2.2 Describe length and quality of survival in relation to anatomical site, clinical stage and treatment;
- 2.3 Contribute to the Population Based Cancer Registries (PBCRs) in the given area;
- 2.4 Undertake epidemiological research through short-term case control studies;
- 2.5 Show time trends in proportion of early to late stages at time of diagnosis;
- 2.6 Help assess quality of hospital care and cancer services in covered area.

The HBCRs have over the years given an assessment of the magnitude and patterns of cancer in the region being catered by the centre/registry. They have also contributed to the PBCR of the area. HBCRs have also conducted several case control studies. However, in terms of assessing patient care - follow-up by registries has been difficult and in the absence of follow-up of the majority of cases registered by the HBCR, obtaining clinical stage and treatment based survival has not been possible.

Assessment of Magnitude of Problem

A general way of assessing the dimension of the cancer problem in a given cancer hospital/centre is the number of cancer diagnoses per year in the concerned hospital. This gives one measure of the quantum of patients attending that hospital.

In the Indian context, there is a need to suffix this 'quantum' with several additional aspects.

Though the cancer hospitals/centres may cater exclusively to cancer patients, all patients registered and investigated are not proved to have cancer. Thus, patients are referred to the cancer centre on only a clinical suspicion 'to rule out malignancy' as well as on a radiological or cytological suspicion 'to confirm malignancy'. Thus, the number or 'quantum' of patients who eventually are proved not to have cancer as well as those patients who do not have malignancy as on date, but need to be followed up have also to be considered as magnitude of work (in terms of clinical work-up and number of investigations) by the centre.

Still other patients who have had a biopsy diagnosis may be referred for any further investigations if required, followed by treatment. Patients who have undergone partial or complete treatment would also be referred for further treatment, which may include pain relief and palliation. Finally, for various reasons, patients diagnosed as cancer in the cancer hospital may or may not undergo the required treatment.

Therefore, the number of new cancer cases recorded in a hospital cancer registry in India is just one measure of the patient load of the cancer centre. Other measures would be the number of diagnostic procedures done and number of types of treatment given.

Besides the above, previously diagnosed and/or treated patients would attend the centre for further investigations/treatment.

Role in Assessing Patient Care

The primary concern of the hospital registry is the cancer patient in the hospital (Maclennan *et al*, 1978). Patient follow-up and compliance are two critical factors in evaluation of patient care (Nandakumar A., 1993). Therefore, in the Indian context, the assessment has to be by both direct and indirect means.

Direct means

A hospital registry can contribute to assessment, monitoring and evaluation of patient care in several ways. A direct way of knowing this, is the length and quality of survival including disease free survival in relation to site of cancer, its stage at presentation and outcome of specific treatment measures pursued in the hospital.

Indirect means

In the absence of the above, particularly in the Indian context, indirect measures of patient care, could be:

- *The average time taken for diagnosis to be established:* this is the interval between date of initial registration (first visit to hospital) and date of final diagnosis;
- *The period that has elapsed in commencing treatment:* this is the interval between date of final diagnosis and date of commencement of cancer directed treatment;
- *Lost for Follow-up:* The number and proportion of patients who are lost at different levels or states of investigation/diagnosis; this includes patients registered and lost before completing investigations and those lost after a diagnosis of cancer but before treatment.
- *Compliance with treatment:* The number and proportion of patients who receive and those who do complete the prescribed treatment.
- *Assessment of disease and response to treatment:* Among those who have completed treatment, the number and proportion of patients who revisit for assessment of their disease and response to treatment; this would also include the proportion that have disease free survival and the length thereof.

The end-point for follow-up of a hospital registry is death of the patient. Details of cause of death are necessary for survival analysis and evaluation of treatment. The hospital cancer registry has an important role in correctly obtaining the cause of death, particularly those deaths that occur in the hospital where the registry is located. This includes the disease status at the time of death and whether death was directly due to the site of cancer in question. If this is not the case, then the exact cause of death, whether other disease or treatment related complication led to the death is stated. If the cause of death was cancer, then, the anatomic site (and sub-site when relevant) as well as the detailed microscopic diagnosis should be indicated.

Diagnostic Correlation and Clinical Application

The details of diagnostic and treatment information, gathered by a hospital registry ought to be more thorough and comprehensive, than for a population based cancer registry.

Thus, the details of various methods adopted in making a final diagnosis are clearly mentioned. If more than one method of investigation has been done to arrive at a diagnosis, correlation between the methods of diagnosis is essential. For example, this could be between radiological and pathological diagnoses or even within the different radiological and/or pathological investigations, such as ultrasound versus CT scan for radiological investigations and cytology versus histopathology for pathological investigations.

Ideally, recording of the clinical extent or staging of cancer including pathological staging is standardised, complete and correct with minimal inter-observer variation. As in investigations, if more than one department has examined the patient and the patient has undergone further investigations or surgery which has resulted in change of the 'Stage' of cancer, this latter would be meticulously recorded.

The details of performance status, which provides information on the general condition of the patient before and at the end of treatment, are also clearly recorded.

Other items that are generally required in ensuring completeness of clinical information include response of disease to treatment at every follow-up. In addition, the various surgical procedures/techniques used, the radiotherapy dose, fractions, time frame, field size etc. The schedule of chemotherapy and hormone therapy wherever given, assume importance when analysis of outcome of treatment is carried out. Details of complications, if any, whether due to disease or treatment thereof contributes to proper assessment of disease free survival and quality of life.

It is important for the hospital cancer registry to know whether in diagnosing and assessment of staging, internationally accepted standardised system is being followed for that specific site. So also, the registry needs to know whether treatments instituted are protocol based or modified to apply to Indian conditions. This would be a prelude to commencing clinical trials.

Role in Cancer Control

Hospital Based Cancer Registries help in assessing the quality of cancer care in the hospital, not in the region. But, as in most situations in India, if the hospital cancer registry is located in a regional cancer

centre the data does, to some extent reflect the patterns of cancer in the region as well as the impact, if any, of cancer control measures including that of treatment provided by the centre. Therefore, the hospital cancer registry should also indicate time trends in ratio of early to late stages at time of diagnosis. While this may not straightaway show the impact of prevention measures in the community, nonetheless, it would indicate the degree of awareness of the public that visit the hospital from different areas of the region. For example, a decrease in the proportion of late stage cancers of the cervix with a corresponding increase in the proportion of those with early stage does give a positive indication of cancer control measures in the region. Another function of the hospital cancer registry is its participation in clinical research to evaluate treatment protocols or in clinical trials.

Role in Health Services Research

One other major contribution of the hospital registries is in Health Services Research in terms of planning hospital facilities, in assessing quality of cancer care available in the region and the contribution to professional education.

Based on the number and proportions of cases obtained through indirect means stated above, one area of health services research involves looking into factors as to why the 'optimum' care cannot be delivered, what can be done about correcting it and observing the trends in proportions over time. The cost-benefit as well as future planning is closely dependent on looking into these aspects.

Conduct of case-control studies

Hospital Based Cancer Registries, especially those located in cancer centres in India, constitute a rich source of clinical material for aetiological research. Generally, in the set-up of a western country, use of data from hospital registries is associated with some biases as it need not necessarily represent any given population. However, in the Indian experience, epidemiological data collected by the hospital registries provide invaluable and reliable data for the conduct of case control studies. This is particularly so if cases and controls though from hospital registries are restricted to the local area.

As would be seen, the potential uses of a hospital cancer registry are enormous. Part of it has been possible and is reported here. Some of the other areas are being pursued by the registries and would hopefully be incorporated in subsequent reports.

To summarise the Hospital Based Cancer Registries, over the years have helped streamline medical records in a scientific way. They have provided an assessment of magnitude and patterns of cancer in the region and have contributed to PBCRs in the given area. Hospital registries have also conducted several short-term case control studies.

Follow-up of cancer patients has been difficult on a routine basis. Therefore, it has not been possible to assess patient outcome based on clinical stage and/or treatment. Plans are underway to conduct active follow-up for important selected sites of cancer with defined standard format of recording stage, details of treatment and studies on its outcome.

Ten-Year Consolidated Report of the Hospital Based Cancer Registries: 1984 - 1993

An Assessment of the Burden and Care of Cancer Patients

SUMMARY OF REPORT

The Ten-Year (1984-93) Report of the Hospital Based Cancer Registries was initially started as a Five-Year report by the Technical Wing of the National Cancer Registry Programme under Dr L.D. Sanghvi at the Tata Memorial Hospital, Bombay. Subsequently Dr A. Nandakumar was appointed as Project Officer and the Technical Wing was shifted to the campus of Kidwai Memorial Institute of Oncology, Bangalore. Five more years' (1989-1993) data accrued and this has been added to constitute the present ten-year report.

The objectives of preparing this report is in the direction of fulfilling some of the functions of Hospital Based Cancer Registries outlined above and determine the limitations that has to be overcome in the future.

The single most important limitation is lack of information on follow-up of cancer patients. This is a major constraint, in knowing survival based on treatment and therefore in directly assessing patient care. Nonetheless, this detailed consolidated report is required to know where we stand in several other terms. These essentially include observing the magnitude of the problem in terms of patients registered, proportion of cases having a microscopic diagnosis, stage proportions and number of those treated according to different and/or combined modalities of treatment. In presenting the results of the analysis these parameters have been classified along specified and accepted lines for Hospital Based Cancer Registries, which basically is:

- a) according to those diagnosed and treated before registration at the hospital where the registry is located, and ,
- b) those who were not previously treated with or without an earlier diagnosis.

The latter are generally called the 'Analytic Cases' for the Hospital Based Cancer Registry.

While tabulating data of Hospital Based Cancer Registries, the usual practice is to include only analytic cases, that is, only those cases that have been diagnosed and/or treated in the cancer centre/hospital. This also includes cases that are considered not treatable. However, it excludes cases that were treated elsewhere and have been referred for further treatment.

This report also brings out several critical areas that are important in terms of Health Services Research, Patient Care and Clinical, Aetiological or Cancer Control Research. Some of these areas are:

- the relative proportion or percent of patients presenting at a 'Late Clinical Stage';
- the number and proportion of patients who do not receive cancer directed treatment by Clinical Stage of Disease; and

- the number and proportion of patients who receive the varied Modalities of Cancer Directed Treatment.

The report is mainly in the form of statistical tables and graphs with the corresponding text giving only the factual description. While the report has tried to analyse, compile and consolidate the data provided by the different registries in a set format, it has in no way tried to compare and therefore comment or interpret the data between or among registries. Thus, no judgement is made of the figures in the tables. This is mainly because the individual institutions where the registries are located would have their own policies in patient care and management, which is beyond the purview of this report. Individual registries, could however view their data, interpret its possible impact and observe where, if at all modifications are required in administering patient care.

The report provides several pointers to policy makers. It gives an idea of the load of cancer patients in the main cancer hospitals of the country, the proportion and sites of cancers presenting at a late stage of the disease, the resources necessary for diagnosing and treatment according to different modalities, the proportion of patients who require palliative care, and so on. The report forms a base for both policy makers and institutions to plan for the future and would give a fair idea of the optimum number of patients a cancer centre/hospital would be able to effectively handle. The report could also form the basis of working out treatment costs and hospital stay. For the registries themselves the report should be a starting point in conducting follow-up and survival studies on at least selected sites of cancer and also initiating clinical trials.

A brief outline of the purpose and ways of interpreting each of the chapters and some areas where additional information should be gathered in order to get a more complete picture is indicated with each chapter.

In the text of the report, the term “patient(s)” has been used for aspects concerning diagnosis and treatment and the term “case(s)” or cancer(s)” for instance(s) of disease (cancer) in the statistical or abstract sense.

Chapter 1

MAGNITUDE AND LEADING SITES OF CANCER

This chapter gives the overall magnitude of the problem in terms of cancers diagnosed at the respective centres. It gives the relative frequencies of the leading sites of cancer.

During the ten-year period (1984-93) 3,38,516 new patients of cancer (Table 1.1) were registered at the six Hospital Based Cancer Registries, with Tata Memorial Hospital, Mumbai accounting for over 40 percent (41.4%) and Kidwai Memorial Institute of Oncology, Bangalore nearly 20 percent (19.9%) of the total patients. The proportion in terms of sex ratio percent showed some variation among the centres. While Mumbai and Thiruvananthapuram, had respectively 28 and 18 percent male preponderance there was a 6 to 14 percent higher female proportion in Chandigarh, Bangalore and Chennai. However, the most striking difference was seen in Assam Medical College, Dibrugarh, where the excess of cancers (122%) in males was quite high. The data from Dibrugarh was examined for any differences in this ratio over the years (Table 1.2). There appeared to be a slight drop in the sex ratio percent since 1984, nonetheless, it was still on the high side.

TABLE 1.1: Number (#) and Proportion (%) according to sex, sex ratio percent and relative proportion (Rel.Prop.) of cancers

Registry	Males		Females		Sex* Ratio%	Total Cases	Rel. Prop.
	#	%	#	%			
Mumbai	78588	56.1	61602	43.9	128	140190	41.4
Bangalore	31116	46.2	36188	53.8	86	67304	19.9
Chennai	24588	46.2	28685	53.8	86	53273	15.7
Thi'puram	27808	54.1	23604	45.9	118	51412	15.2
Chandigarh**	6909	48.3	7383	51.7	94	14292	4.2
Dibrugarh	8309	69.0	3736	31.0	222	12045	3.6
All Registries	177318	52.4	161198	47.6	110	338516	100.0

* Number of male patients per 100 female patients

** Data of 1984-89

TABLE 1.2: Number(#) & Proportion(%) according to sex and sex ratio percent across year of diagnosis in Hospital Based Cancer Registry, Dibrugarh

Year of Diagnosis	Males		Females		Sex Ratio*
	#	%	#	%	Percent
1984	860	71.8	338	28.2	254.4
1985	856	70.7	355	29.3	241.1
1986	928	70.7	385	29.3	241.0
1987	858	69.0	386	31.0	222.3
1988	875	68.4	404	31.6	216.6
1989	824	69.6	360	30.4	228.9
1990	808	66.6	405	33.4	199.5
1991	734	68.9	332	31.1	221.1
1992	769	68.0	362	32.0	212.4
1993	797	66.1	409	33.9	194.9
1984-90	8309	69.0	3736	31.0	222.4

* Number of male patients per 100 female patients

The number, relative proportion and rank of ten leading sites of cancer for males and females are presented in Table 1.3 and Figure 1.1 (a & b). In males, cancer of the oral cavity was the leading site in Mumbai, Chennai and Thiruvananthapuram. Cancer of the lung was the leading site at Chandigarh constituting 11 percent of all cancers. At other centres, it varied from second at Thiruvananthapuram, third at Bangalore to eighth at Dibrugarh. Cancer of the oesophagus was the leading site at Dibrugarh constituting 17 percent of all cancers, and was the second leading site at Bangalore, Chennai and Chandigarh. In Bangalore, cancer of the hypopharynx was the leading site constituting almost 11 percent of all cancers.

Among females cancer of the cervix was the leading site of cancer in all centres except Thiruvananthapuram, accounting for 17.4 percent of cancers at Dibrugarh, to 42.2 percent of cancers at Chennai. Cancer of the female breast was the leading site at Thiruvananthapuram constituting 21.7 percent of all cancers and second leading site at Mumbai, Chennai and Chandigarh. In Bangalore and Dibrugarh it was the third leading site. Cancer of the oral cavity was the second leading site in Bangalore accounting for 12 percent of all cancers. Cancer of the oesophagus at Dibrugarh (13.5%) was the second most frequent cancer. Cancer of the ovary was within first five leading sites in all the centers except Dibrugarh where it was the sixth leading site. Other sites of cancer that figured within first five leading sites were thyroid gland at Thiruvananthapuram, stomach at Dibrugarh and brain at Chandigarh.

TABLE 1.3: Number(#), Relative Proportion(%) and Rank(R) of Leading Sites of Cancer**Males**

Registry	Mumbai			Bangalore			Chennai			Thi'puram			Chandigarh			Dibrugarh		
	#	%	R	#	%	R	#	%	R	#	%	R	#	%	R	#	%	R
Oral Cavity	7771	9.9	1	2085	6.7	4	2795	11.4	1	3620	13.0	1	207	3.0	*	443	5.3	6
Tongue	6946	8.8	2	1805	5.8	5	1930	7.8	3	1840	6.6	3	401	5.8	4	619	7.4	5
Hypopharynx	6332	8.1	3	3374	10.8	1	1778	7.2	5	883	3.2	10	306	4.4	7	1311	15.8	2
Oesophagus	5966	7.6	4	3323	10.7	2	2073	8.4	2	1573	5.7	4	463	6.7	2	1434	17.3	1
Lung	5421	6.9	5	2368	7.6	3	1603	6.5	6	3104	11.2	2	762	11.0	1	345	4.2	8
Larynx	4937	6.3	6	1477	4.7	7	1073	4.4	7	1235	4.4	6	429	6.2	3	341	4.1	9
Non Hodgkin's	3492	4.4	7	1164	3.7	8	960	3.9	8	1156	4.2	7	349	5.1	6	203	2.4	*
Oropharynx	2998	3.8	8	1157	3.7	9	863	3.5	9	925	3.3	9	207	3.0	*	771	9.3	3
Leuk Myeloid	2817	3.6	9	923	3.0	10	633	2.6	*	581	2.1	*	159	2.3	*	102	1.2	*
Leuk Lympha	2699	3.4	10	542	1.7	*	439	1.8	*	636	2.3	*	215	3.1	10	56	0.7	*
Stomach	1985	2.5	*	1642	5.3	6	1798	7.3	4	1327	4.8	5	217	3.1	9	388	4.7	7
Penis etc	1018	1.3	*	583	1.9	*	782	3.2	10	385	1.4	*	132	1.9	*	128	1.5	*
Brain	949	1.2	*	896	2.9	*	86	0.3	*	1038	3.7	8	355	5.1	5	19	0.2	*
Rectum	2267	2.9	*	701	2.3	*	680	2.8	*	519	1.9	*	241	3.5	8	108	1.3	*
Sec Lymph N	2592	3.3	*	796	2.6	*	682	2.8	*	735	2.6	*	137	2.0	*	661	8.0	4
Pharynx etc	10	0.0	*	361	1.2	*	192	0.8	*	56	0.2	*	38	0.6	*	235	2.8	10
Total	58200	74.1		23197	74.6		18367	74.7		19613	70.5		4618	66.9		7164	86.2	
All Sites	78588	100.0		31116	100.0		24588	100.0		27808	100.0		6904	100.0		8309	100.0	

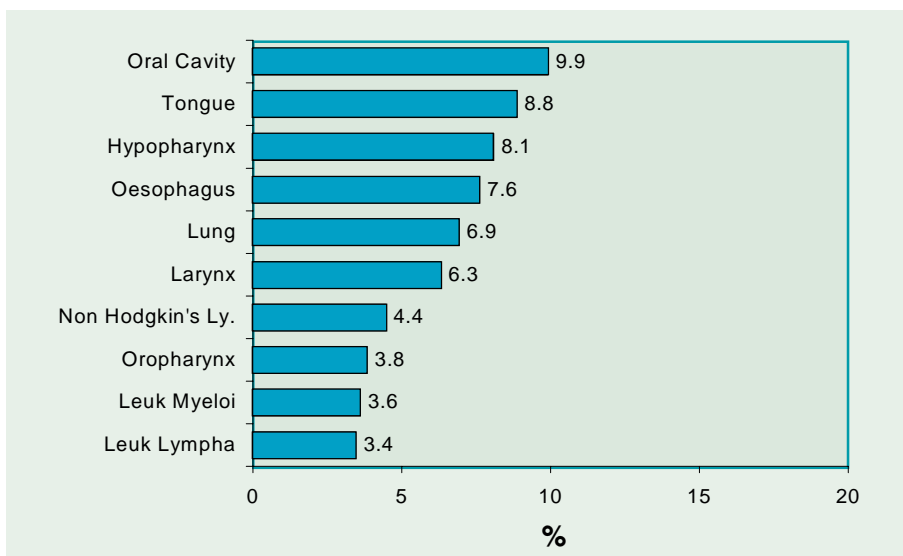
Females

Registry	Mumbai			Bangalore			Chennai			Thi'puram			Chandigarh			Dibrugarh		
	#	%	R	#	%	R	#	%	R	#	%	R	#	%	R	#	%	R
Cervix	17030	27.6	1	14607	40.4	1	12113	42.2	1	4837	20.5	2	2939	39.8	1	650	17.4	1
Breast Female	14160	23.0	2	4109	11.4	3	4546	15.8	2	5123	21.7	1	1132	15.3	2	412	11.0	3
Oesophagus	3145	5.1	3	2422	6.7	4	1024	3.6	4	431	1.8	10	372	5.0	3	506	13.5	2
Oral Cavity	2919	4.7	4	4332	12.0	2	2118	7.4	3	1931	8.2	3	106	1.4	*	203	5.4	4
Ovary	2638	4.3	5	1166	3.2	5	884	3.1	5	1296	5.5	5	302	4.1	4	158	4.2	6
Tongue	1446	2.3	6	352	1.0	*	448	1.6	10	821	3.5	6	89	1.2	*	156	4.2	7
Sec Resp Etc	1392	2.3	7	316	0.9	*	210	0.7	*	266	1.1	*	88	1.2	*	37	1.0	*
Hypopharynx	1298	2.1	8	507	1.4	10	593	2.1	8	160	0.7	*	153	2.1	7	148	4.0	10
Leuk Myeloid	1277	2.1	9	605	1.7	8	397	1.4	*	461	2.0	8	106	1.4	*	45	1.2	*
Non Hodgkin's	228	2.0	10	419	1.2	*	355	1.2	*	444	1.9	9	125	1.7	9	69	1.8	*
Thyroid Gland	1008	1.6	*	677	1.9	6	451	1.6	9	1348	5.7	4	99	1.3	*	34	0.9	*
Stomach	820	1.3	*	647	1.8	7	655	2.3	7	403	1.7	*	76	1.0	*	176	4.7	5
Rectum	1042	1.7	*	529	1.5	9	439	1.5	*	376	1.6	*	100	1.4	*	48	1.3	*
Vagina	566	0.9	*	482	1.3	*	709	2.5	6	314	1.3	*	64	0.9	*	49	1.3	*
Brain	412	0.7	*	388	1.1	*	41	0.1	*	622	2.6	7	163	2.2	5	10	0.3	*
Gall Bladder	558	0.9	*	51	0.1	*	42	0.1	*	56	0.2	*	156	2.1	6	82	2.2	*
Body Uterus	969	1.6	*	277	0.8	*	348	1.2	*	343	1.5	*	150	2.0	8	19	0.5	*
Lung	837	1.4	*	325	0.9	*	235	0.8	*	305	1.3	*	113	1.5	10	65	1.7	*
Oropharynx	395	0.6	*	154	0.4	*	125	0.4	*	95	0.4	*	35	0.5	*	156	4.2	8
Sec Lymph N	770	1.2	*	230	0.6	*	227	0.8	*	277	1.2	*	46	0.6	*	153	4.1	9
Total	53910	87.5		32595	90.1		25960	90.5		19909	84.3		6414	86.9		3176	85.0	
All Sites	61602	100.0		36188	100.0		28685	100.0		23604	100.0		7383	100.0		3736	100.0	

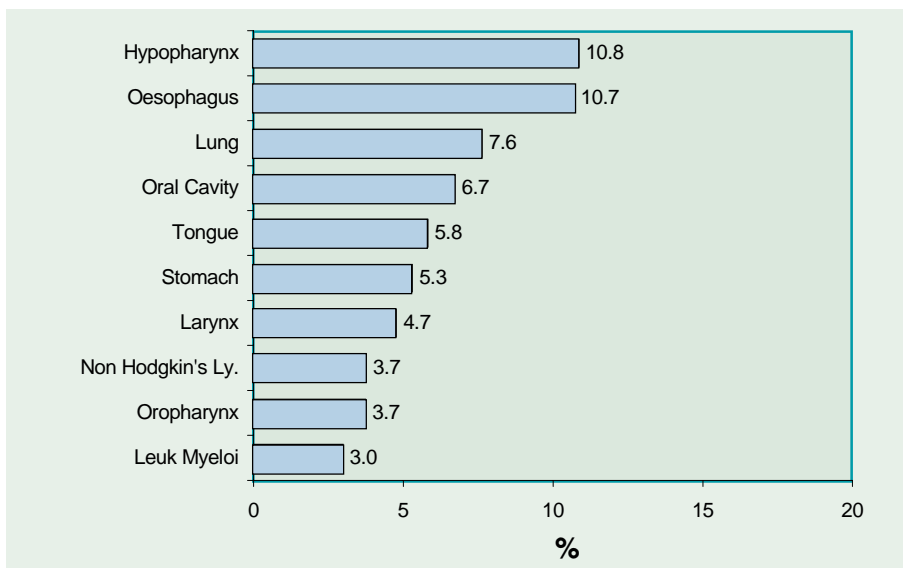
* Rank not within first ten

Fig. 1.1(a): Ten Leading Sites of Cancer - Males

Mumbai



Bangalore



Chennai

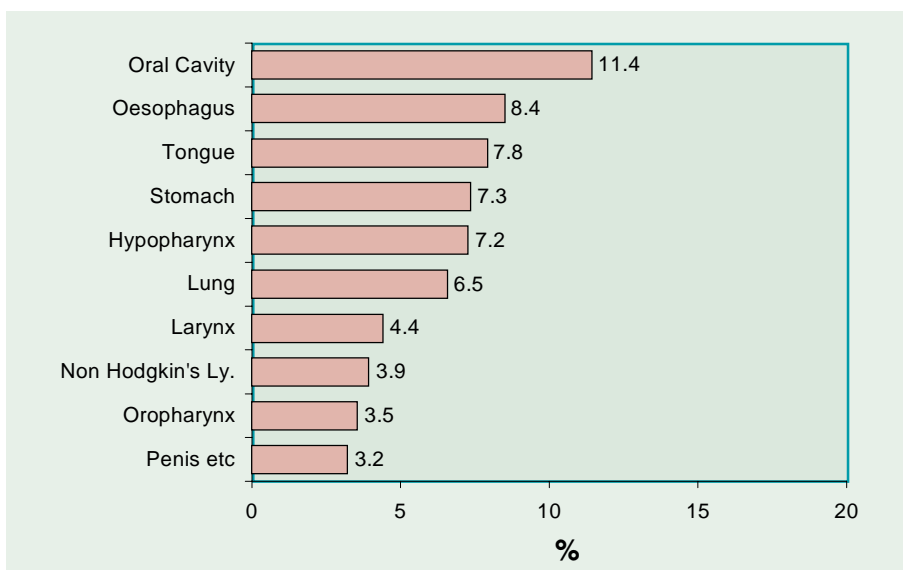
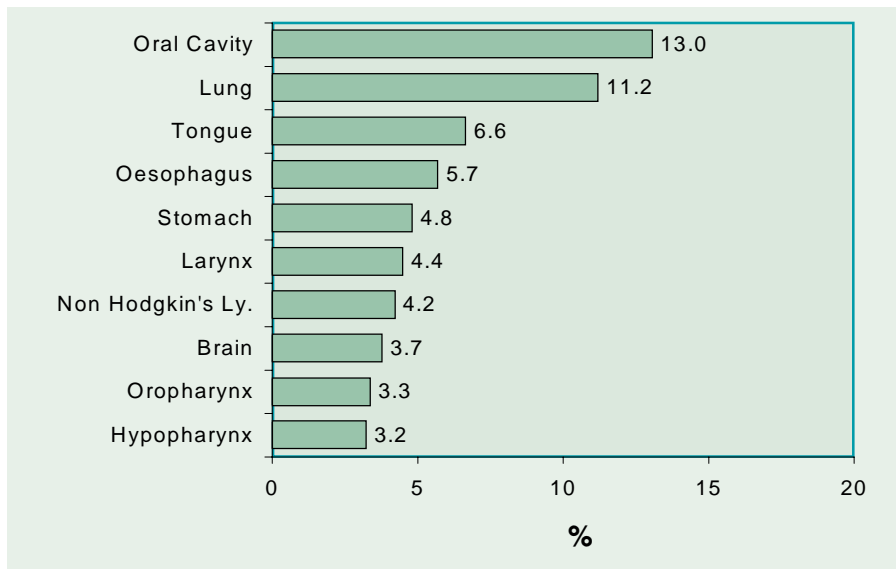
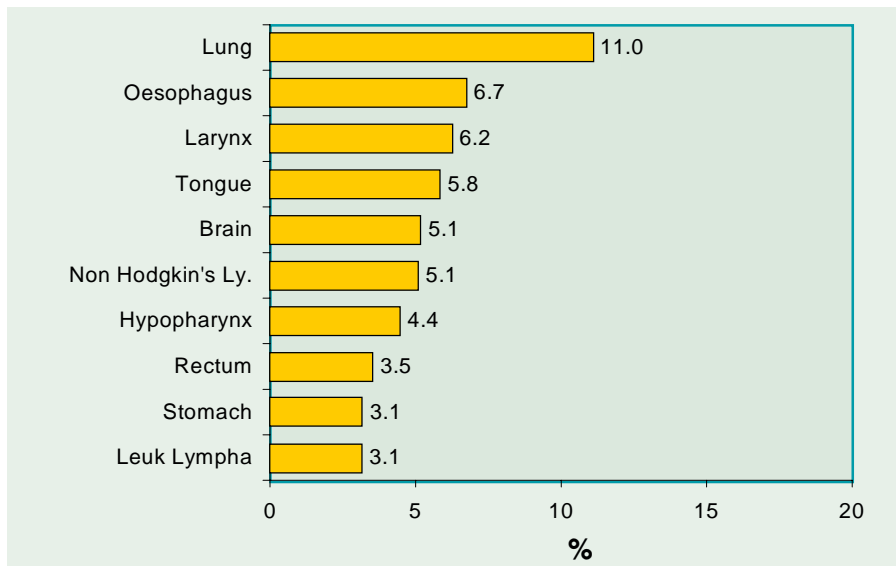


Fig. 1.1(a): Ten Leading Sites of Cancer - Males (Contd..)

Thiruvananthapuram



Chandigarh



Dibrugarh

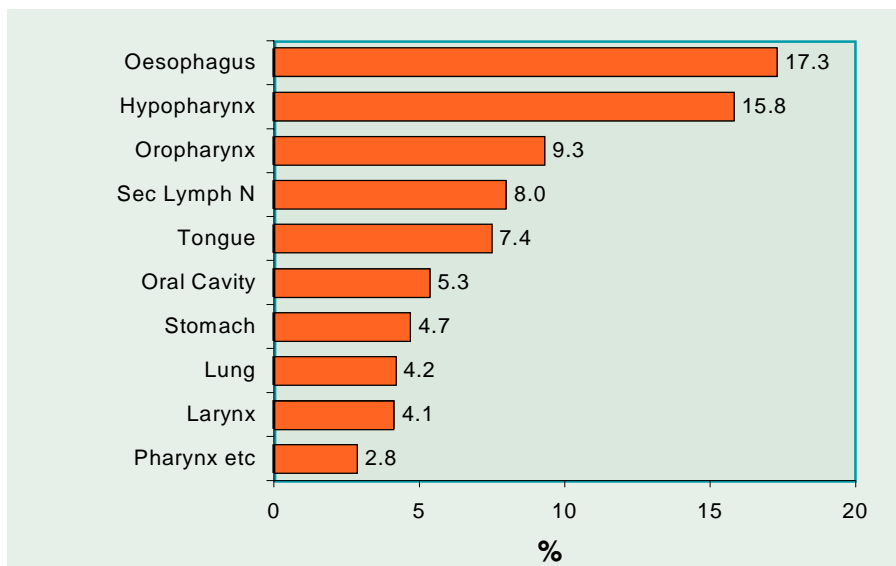
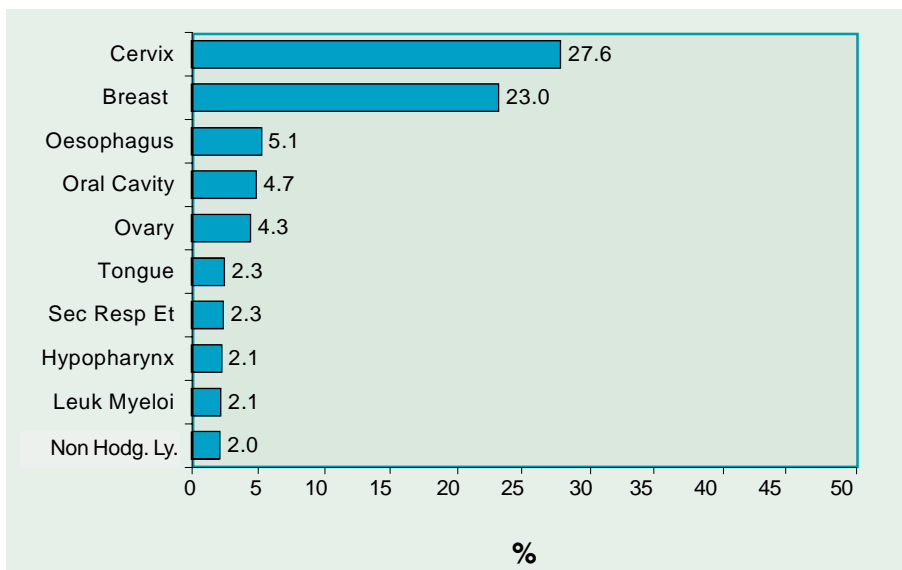
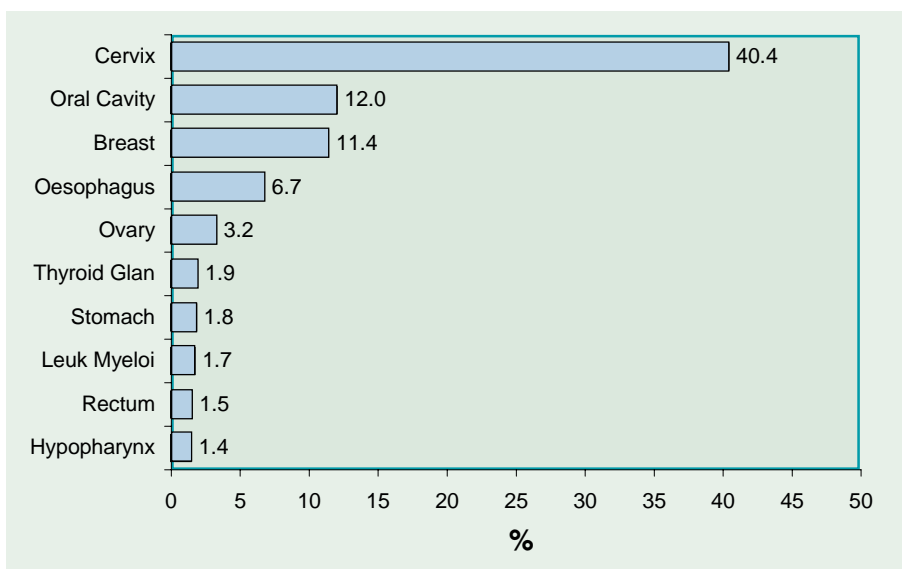


Fig. 1.1(b): Ten Leading Sites of Cancer - Females

Mumbai



Bangalore



Chennai

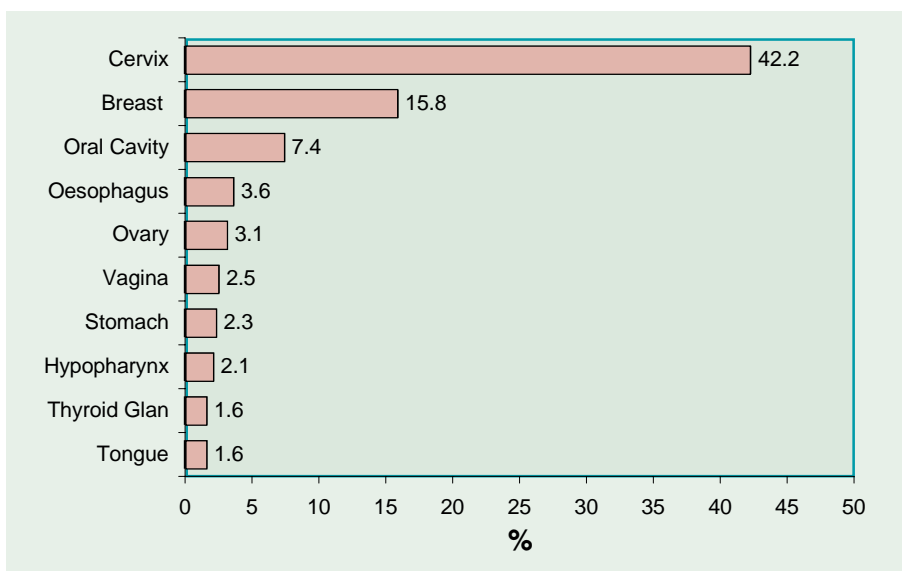
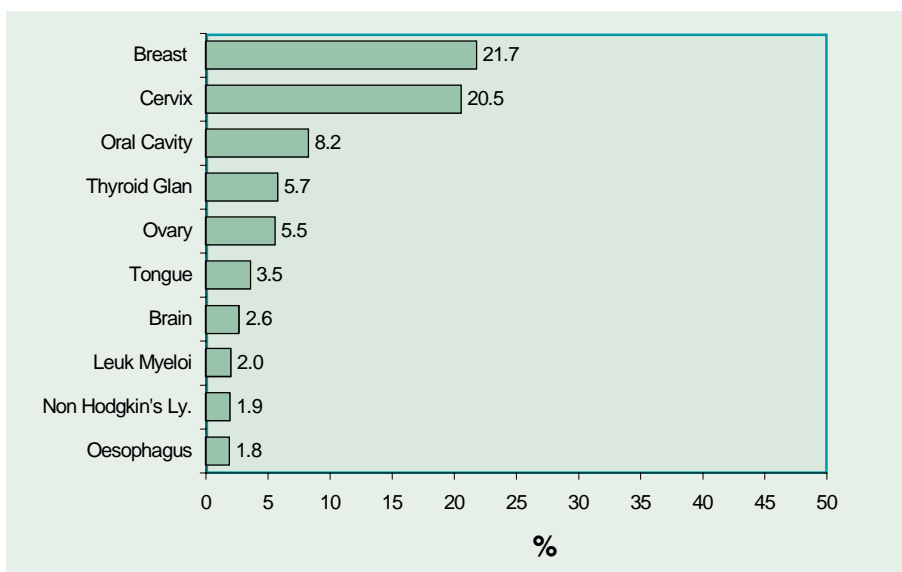
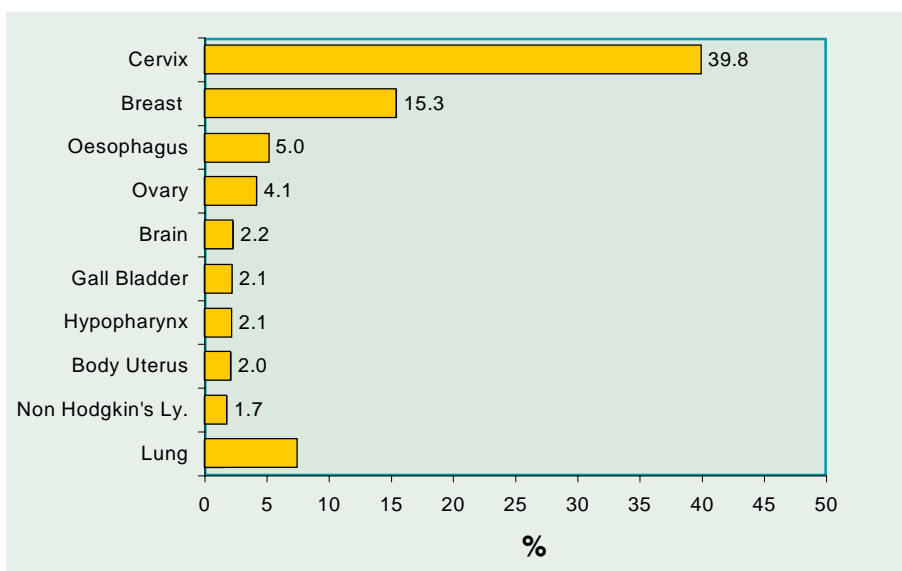


Fig. 1.1(b): Ten Leading Sites of Cancer - Females (Contd..)

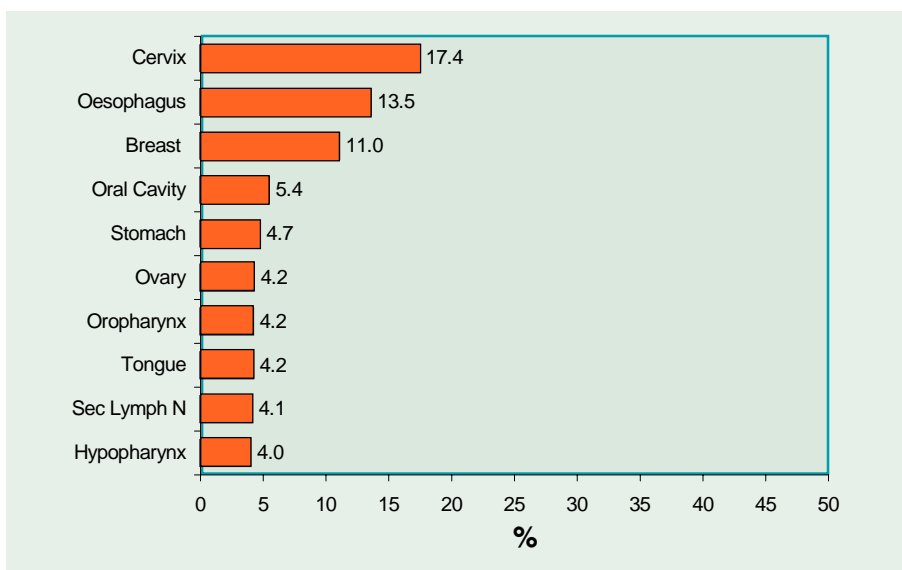
Thiruvananthapuram



Chandigarh



Dibrugarh



LEADING SITES IN BROAD AGE GROUPS

The numbers and relative proportions of cancers in the broad age groups 0-14, 15-34, 35-64 and 65 plus years of age, for both sexes across registries is shown in Table 1.4 and Figure 1.2. Figures 1.3 to 1.5 give the leading sites with their relative proportions in each of these broad age groups, except, childhood cancers.

TABLE 1.4: Number (#) & Proportion (%) of Cancers by Broad Age Groups

Males

Registry	00-14		15-34		35-64		65 +		Unknown		All Ages
	#	%	#	%	#	%	#	%	#	%	
Mumbai	4305	5.5	9848	12.5	50167	63.8	14200	18.1	68	0.1	78588
Bangalore	1637	5.3	3144	10.1	19170	61.6	7164	23.0	1	0.0	31116
Chennai	900	3.7	2805	11.4	16059	65.3	4824	19.6	0	0.0	24588
Thi'puram	1153	4.1	2675	9.6	16663	59.9	7313	26.3	4	0.0	27808
Chandigarh	517	7.5	1027	14.9	4152	60.1	1213	17.6	0	0.0	6909
Dibrugarh	166	2.0	607	7.3	6310	75.9	1226	14.8	0	0.0	8309

Females

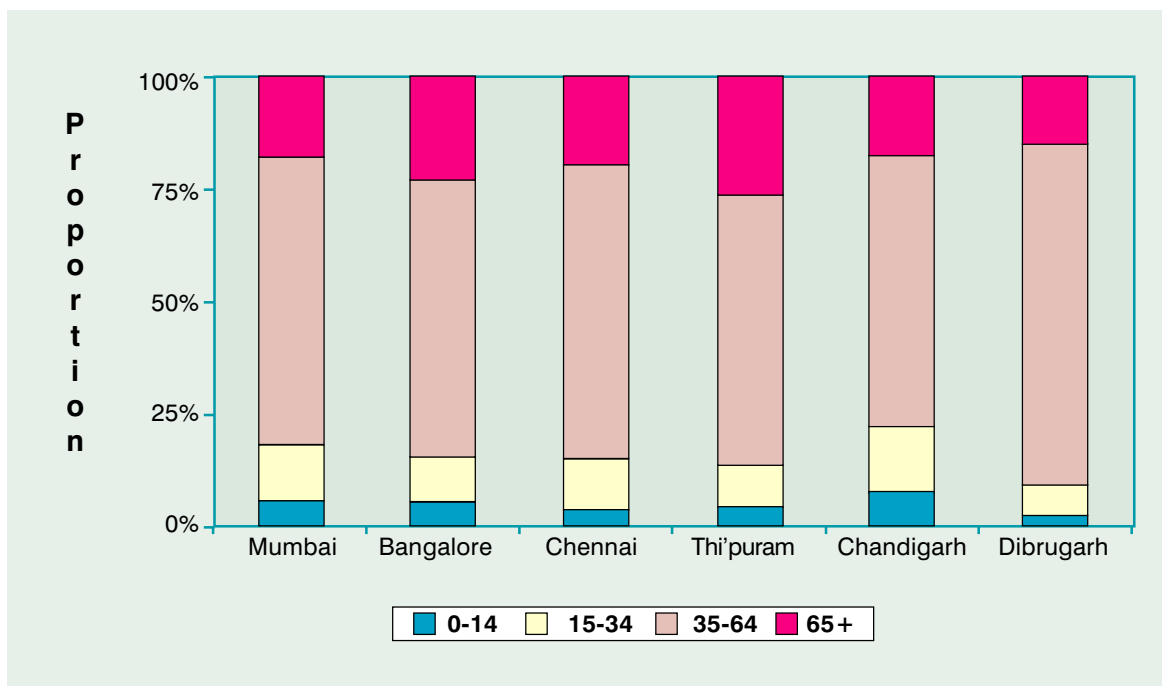
Registry	00-14		15-34		35-64		65 +		Unknown		All Ages
	#	%	#	%	#	%	#	%	#	%	
Mumbai	2071	3.4	7535	12.2	44588	72.4	7323	11.9	84	0.1	61602
Bangalore	881	2.4	3699	10.2	26938	74.4	4670	12.9	0	0.0	36188
Chennai	547	1.9	3125	10.9	22145	77.2	2868	10.0	0	0.0	28685
Thi'puram	897	3.8	2911	12.3	15271	64.7	4520	19.1	5	0.0	23604
Chandigarh	205	2.8	924	12.5	5541	75.1	713	9.7	0	0.0	7383
Dibrugarh	108	2.9	478	12.8	2882	77.1	268	7.2	0	0.0	3736

Both Sexes

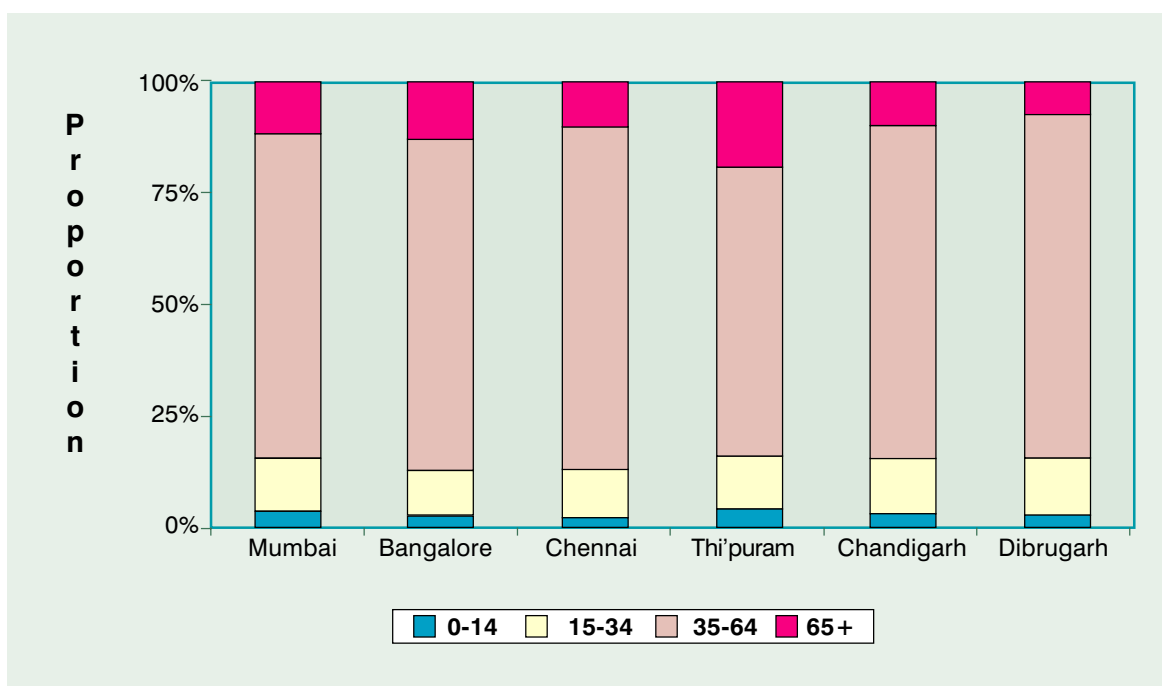
Registry	00-14		15-34		35-64		65 +		Unknown		All Ages
	#	%	#	%	#	%	#	%	#	%	
Mumbai	6377	4.5	17383	12.4	94755	67.6	21523	15.4	152	0.1	140190
Bangalore	2518	3.7	6843	10.2	46108	68.5	11834	17.6	1	0.0	67304
Chennai	1447	2.7	5930	11.1	38204	71.7	7692	14.4	0	0.0	53273
Thi'puram	2050	4.0	5586	10.9	31934	62.1	11833	23.0	9	0.0	51412
Chandigarh	722	5.1	1951	13.7	9693	67.8	1926	13.5	0	0.0	14292
Dibrugarh	274	2.3	1085	9.0	9192	76.3	1494	12.4	0	0.0	12045

Fig. 1.2: Proportion of Cancers By Broad Age Groups

Males



Females



Overall childhood cancers (0-14 year age group) constitute less than 5% of all cancers among males and less than 3% in females, whereas over 80% of all cancers in either sex, are seen in the 35+ age group, with the truncated age group (35-64 years) having a major portion of this.

Childhood: 0-14 Year Age Group

Cancers in childhood are discussed separately in the next chapter.

Young Adult: 15-34 Year Age Group

Males (Figure 1.3(a)): The leading sites in this age group were Myeloid leukaemia at Mumbai, bone at Bangalore, Non-Hodgkin's lymphoma at Chennai and Dibrugarh and brain at Thiruvananthapuram and Chandigarh. These four sites of cancer were seen within first five leading sites in almost all registries. Testis was an important site of cancer being the second most frequent at Mumbai, fourth at Chandigarh and fifth at Chennai. Other important sites of cancer that were within the first five leading sites were hypopharynx at Dibrugarh and connective tissue at Chennai.

Females (Figure 1.3(b)): Cancers of the cervix and breast accounted for about 40% of cancers in this age group. Cervical cancer was the leading site in the registries at Bangalore, Chennai and Chandigarh and constituted about one-third of all cancers in that age group in Bangalore and Chennai. In the Regional Cancer Centre at Thiruvananthapuram (Thi'puram) cancer of the cervix was only the fifth most frequent cancer in this age group. This centre, has cancer of the thyroid and breast as the leading site, each constituting over 19 percent of all cancers in that group. Cancer of the female breast is the leading site in the registries at Mumbai and Dibrugarh. Myeloid leukaemia is among five most frequent cancers in this group in all registries except Thiruvananthapuram, where it is sixth. Though not as common as myeloid leukaemia, Hodgkin's disease also shows a fairly high relative proportion in most of the registries.

Older Adult: 35-64 Year Age Group

Males (Figure 1.4(a)): In this truncated older adult group in males, the predominant cancers are of those sites known to be associated with use of tobacco. These sites include tongue, oral cavity, oropharynx, hypopharynx, oesophagus, lung and larynx. These sites alone, account for over 50 percent of all cancers in this group in all the centres and nearly 72 percent of them at Dibrugarh.

Females (Figure 1.4(b)): Among females in this age group, cancer of the cervix was the most frequent cancer except in Thiruvananthapuram where it was preceded by cancer of the breast. Cancer of the cervix was followed by cancer breast in all centres, except Bangalore and Dibrugarh where breast was third most frequent cancer. Cancer of the oesophagus was one of four leading sites except at Thiruvananthapuram, where it was seventh. The continuance of cancer of the thyroid as a frequent cancer in this age group as in the 15-34 year group, at Thiruvananthapuram is to be noted.

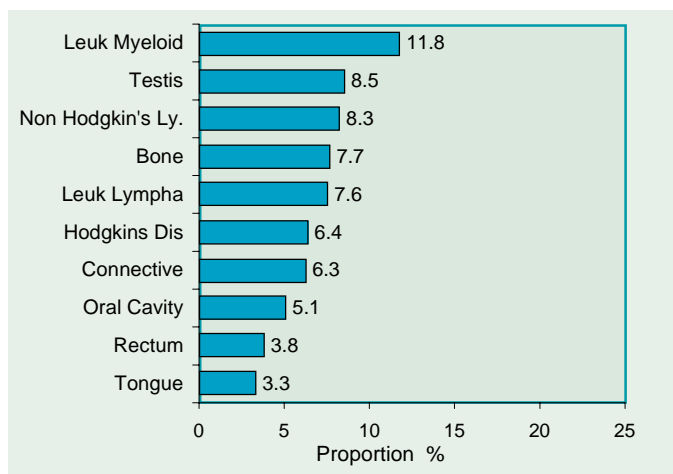
Elderly: 65 Year and above Age Group (Figure 1.5(a & b))

There appears to be little difference in the most frequent cancers in this age group as compared with the previous one in either sex. However, the emergence of cancer of the prostate as a frequent cancer site and possibly that of rectum are the salient features in males. Otherwise, tobacco related cancer sites continue to predominate in males and follow female specific sites in females (Figure 1.7).

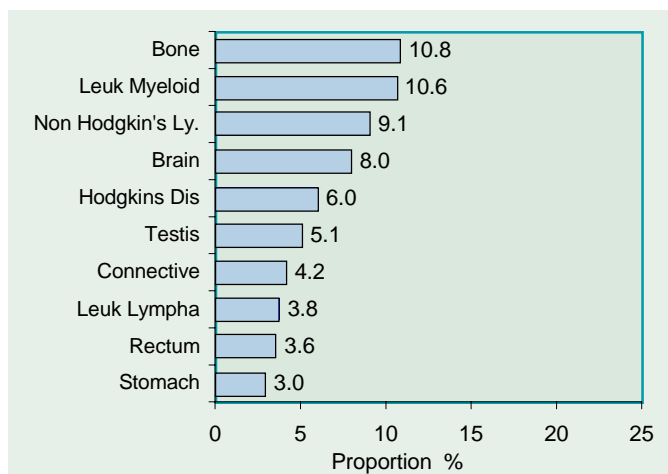
Fig. 1.3(a): Leading Sites in Broad Age Group (15-34 Years)

Males

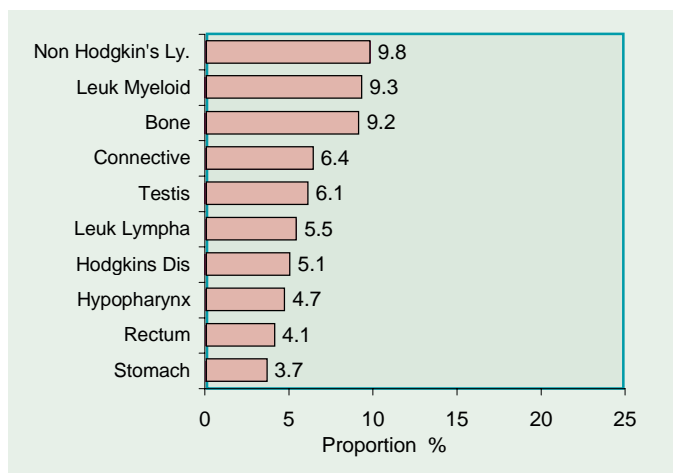
Mumbai



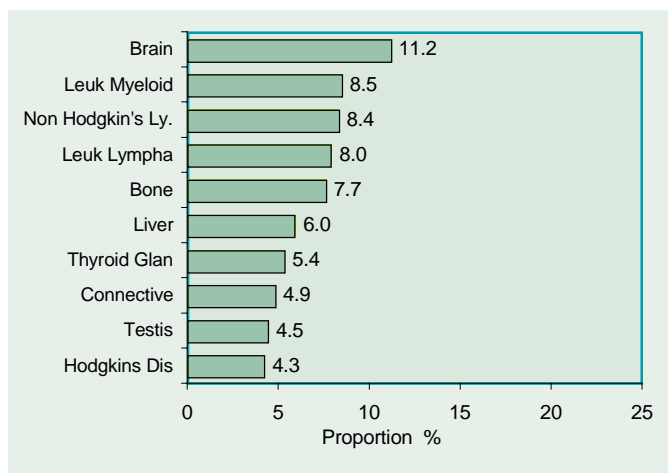
Bangalore



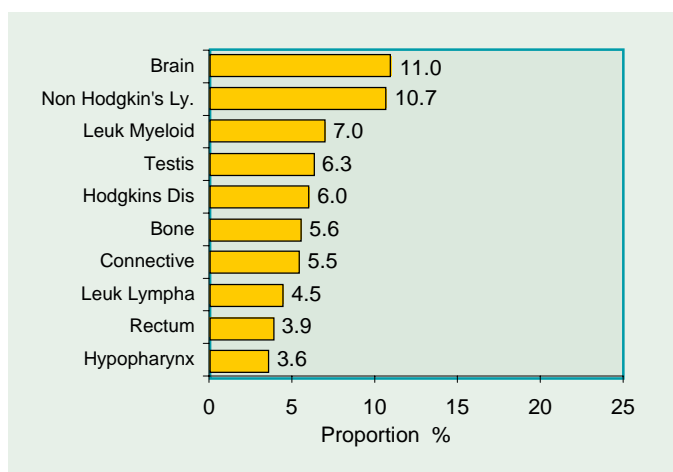
Chennai



Thi'puram



Chandigarh



Dibrugarh

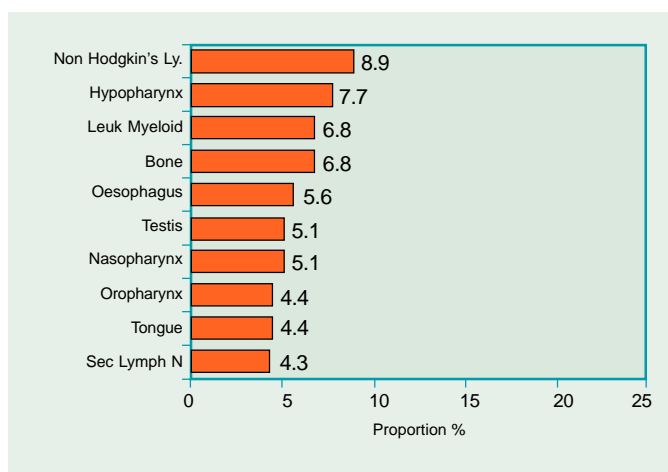
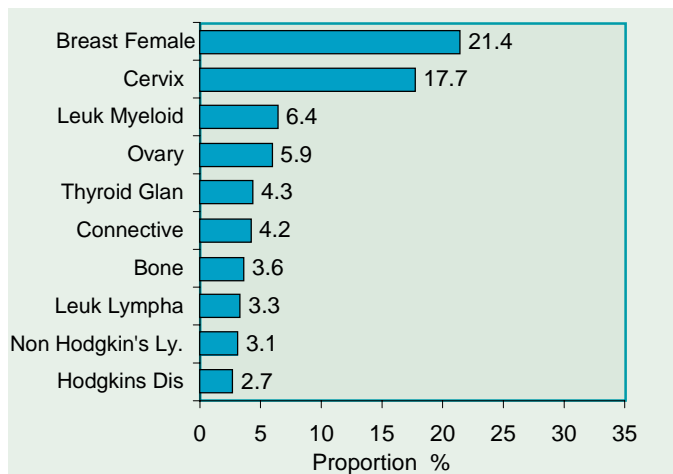


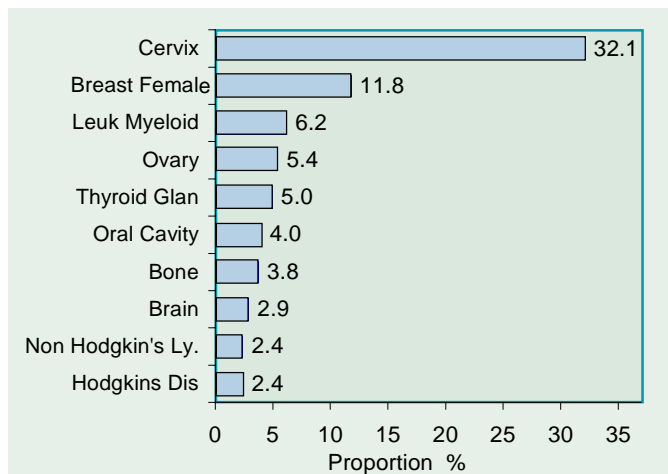
Fig. 1.3(b): Leading Sites in Broad Age Group (15-34 Years)

Females

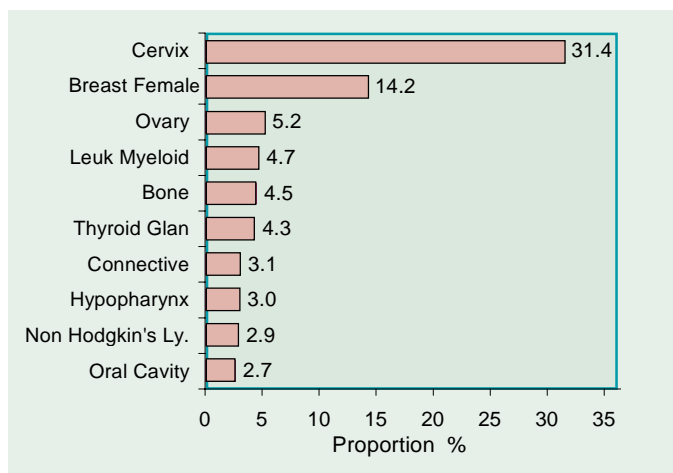
Mumbai



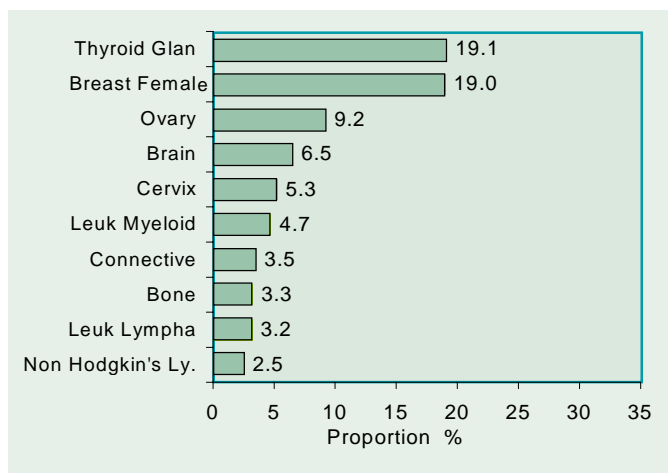
Bangalore



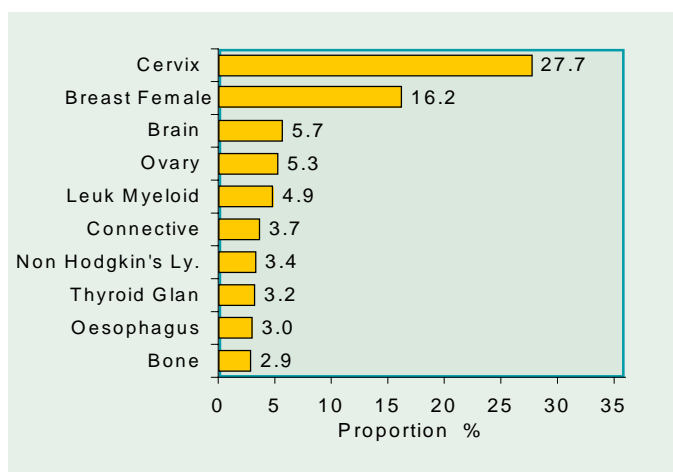
Chennai



Thi'pura



Chandigarh



Dibrugarh

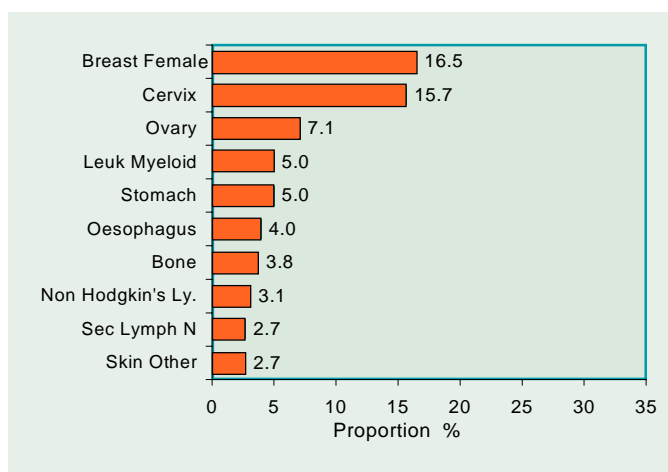
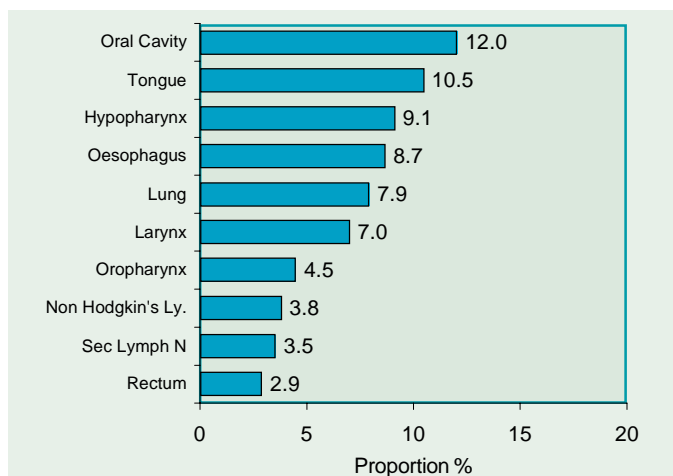


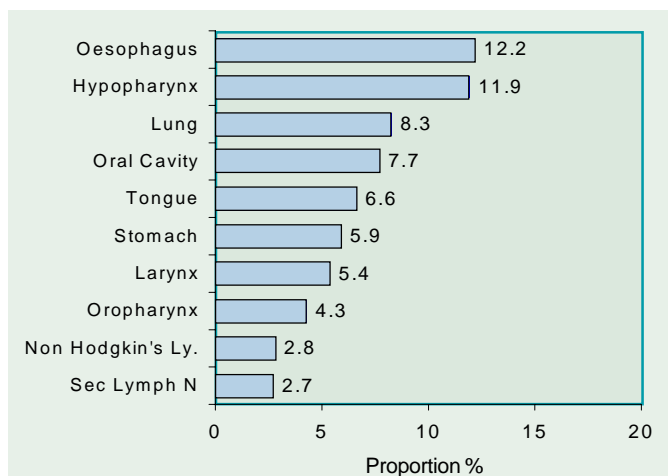
Fig. 1.4(a): Leading Sites in Broad Age Group (35-64 Years)

Males

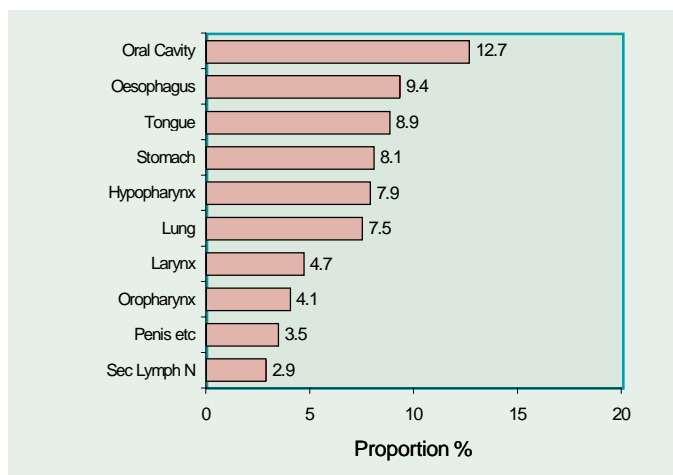
Mumbai



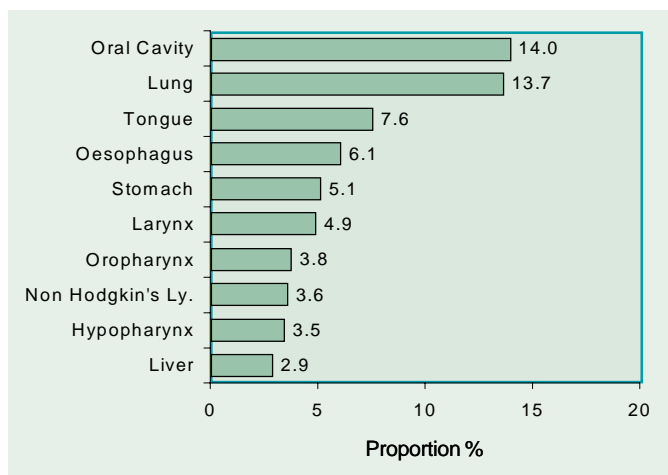
Bangalore



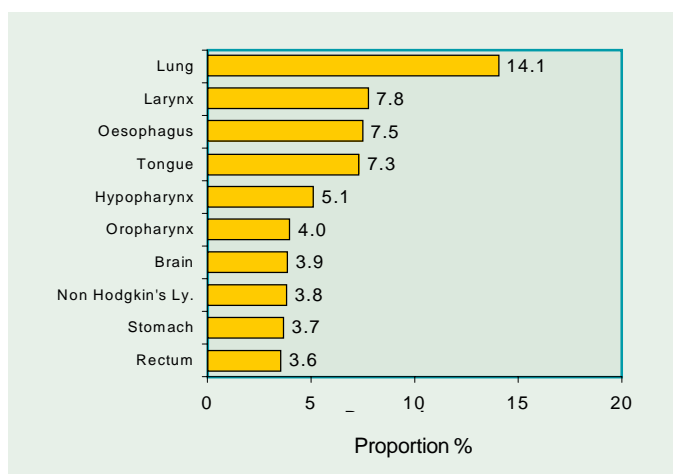
Chennai



Thi'puram



Chandigarh



Dibrugarh

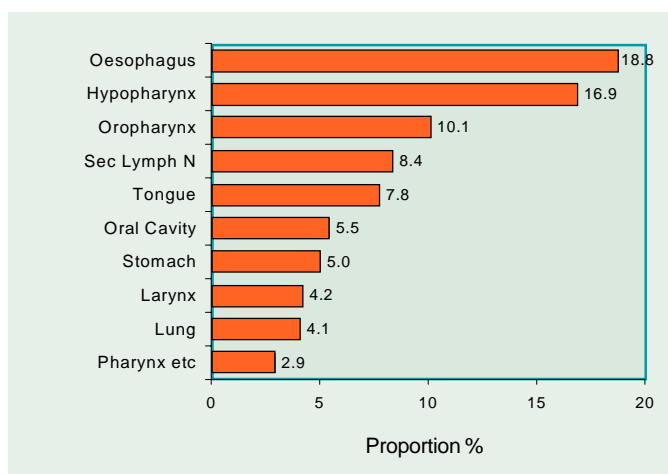
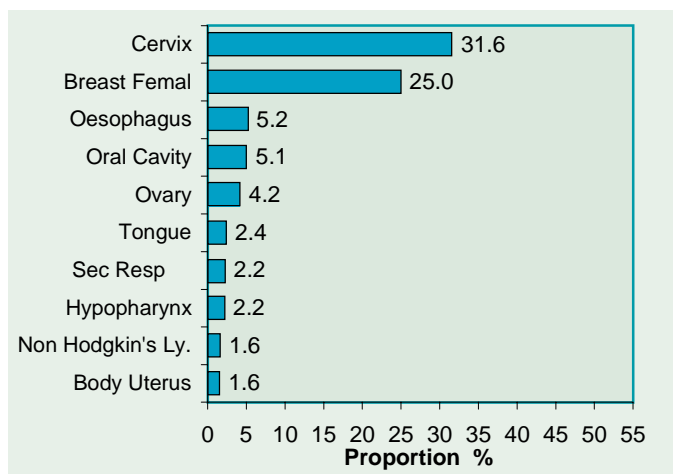


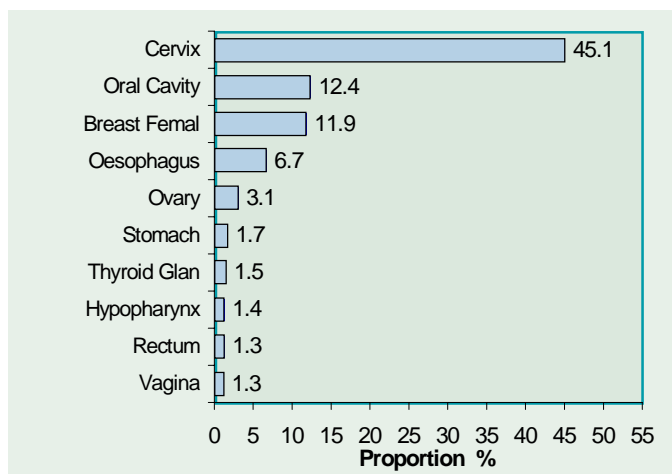
Fig. 1.4(b): Leading Sites in Broad Age Group (35-64 Years)

Females

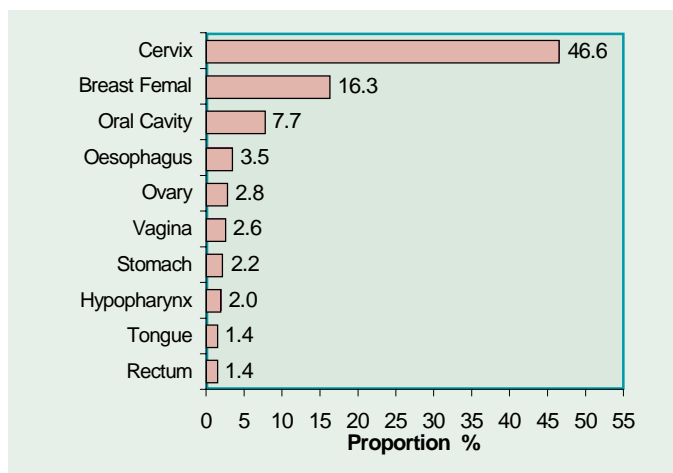
Mumbai



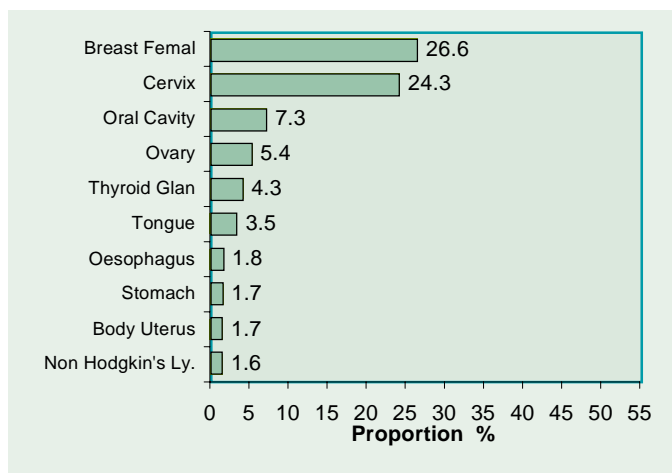
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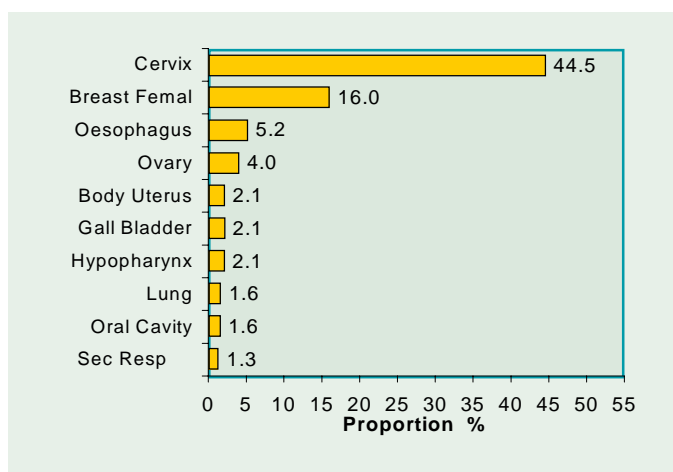
Chennai



Thi'puram



Chandigarh



Dibrugarh

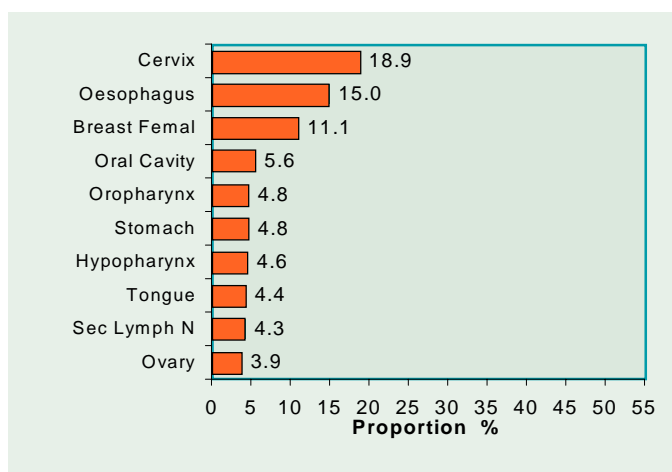
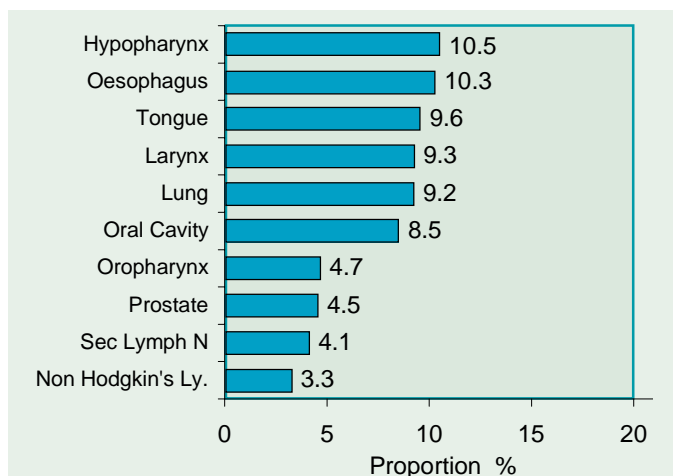


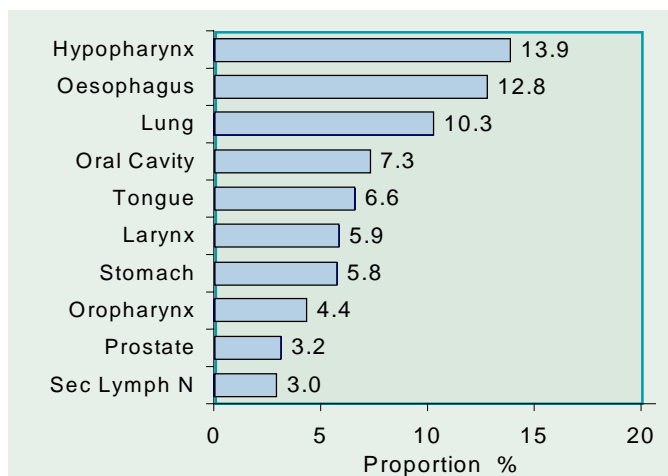
Fig. 1.5(a): Leading Sites in Broad Age Group (65 Years and above)

Males

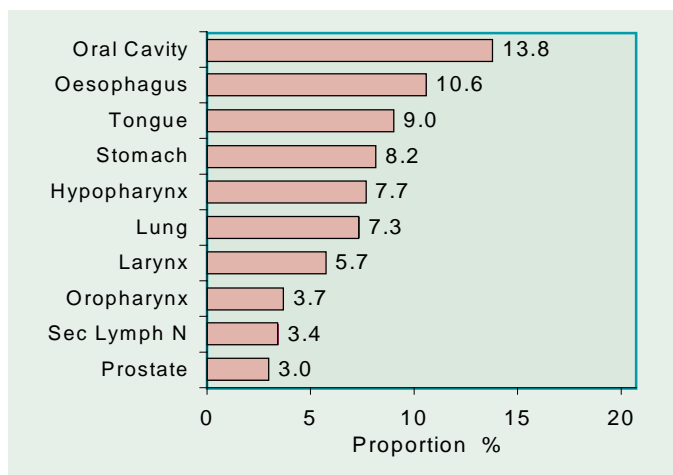
Mumbai



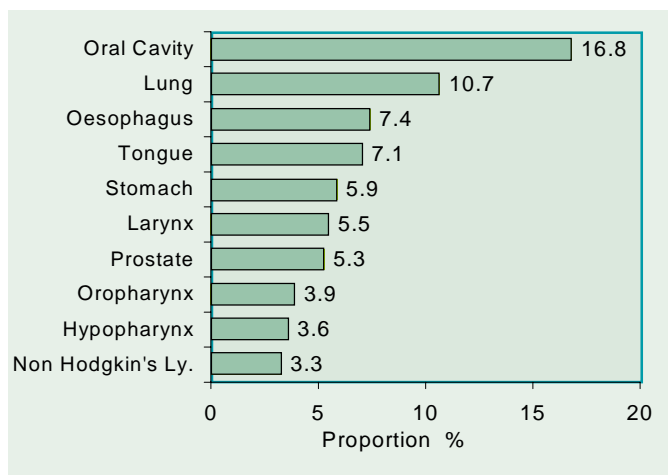
Bangalore



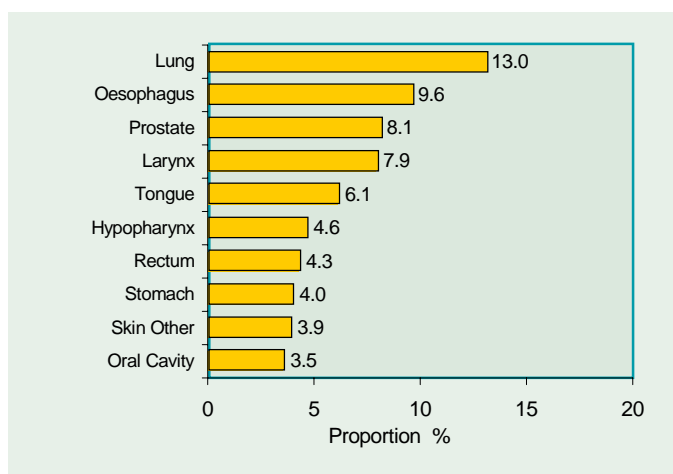
Chennai



Thi'puram



Chandigarh



Dibrugarh

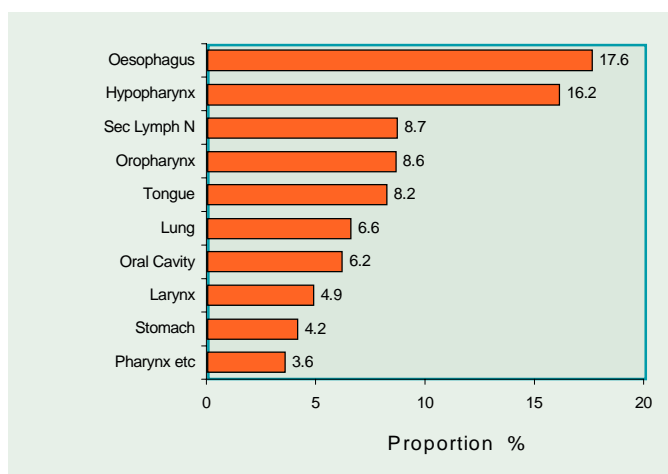
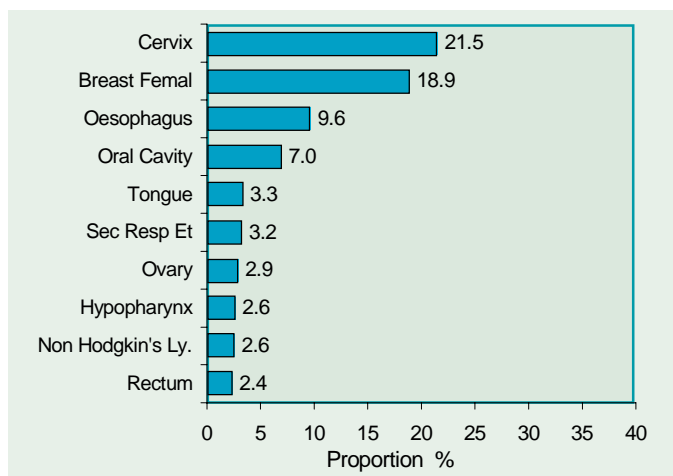


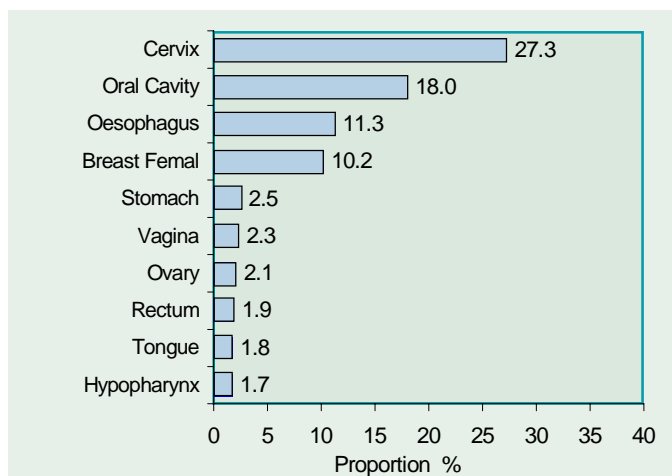
Fig. 1.5(b): Leading Sites in Broad Age Group (65 Years and above)

Females

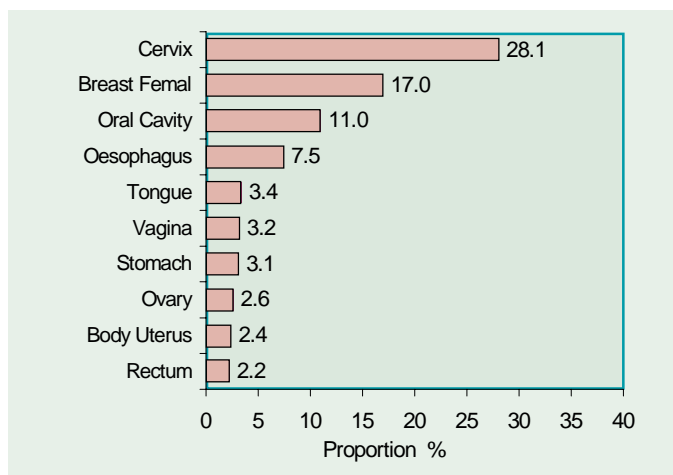
Mumbai



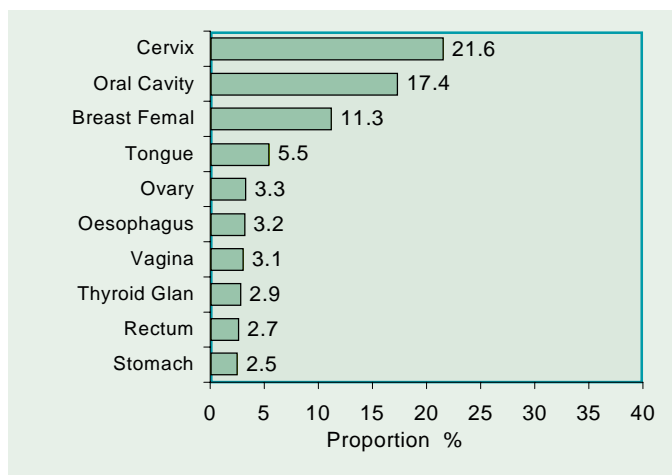
Bangalore



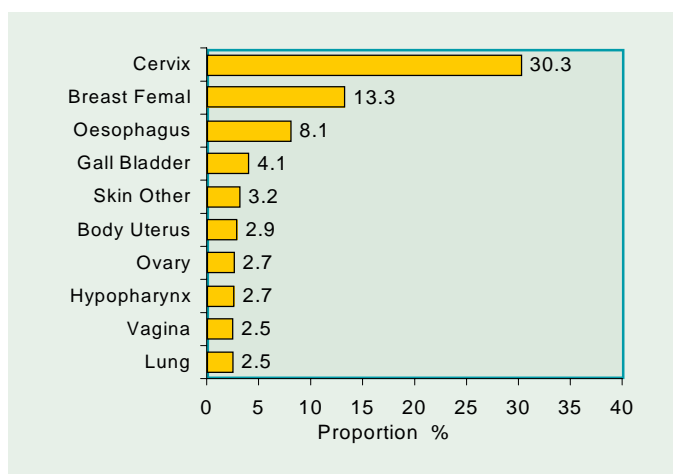
Chennai



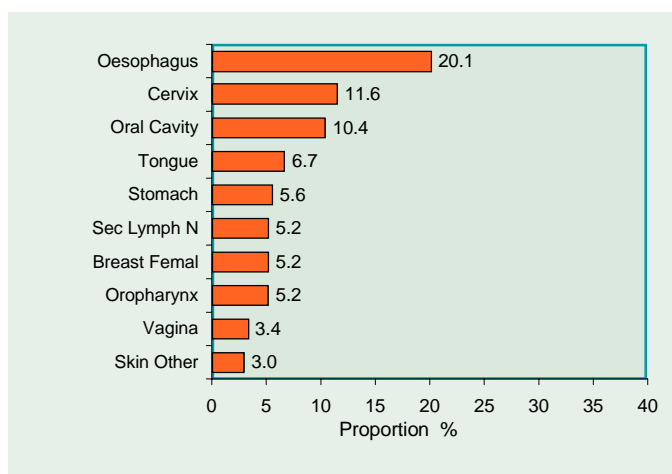
Thi'puram



Chandigarh



Dibrugarh



Chapter 2

CANCERS IN CHILDHOOD

This chapter dwells with childhood cancers, its magnitude and types in different areas expressed in terms of proportions. Since most childhood cancers, now have effective treatment, it appears most important to know their numbers and types to plan and initiate activity towards ensuring prompt and appropriate complete treatment.

Cancers in childhood constitute one of the most important groups of tumours, not only because of the age of occurrence, connoting a different set of aetiological factors from those commonly seen in adult cancers, but also because, in the past decade or so, with advances particularly in chemotherapy, many of the childhood cancers have gained a remarkably high potency for cure.

The proportion of cancers in childhood (0-14 years of age) relative to cancers in all age groups varied from 1.9 percent among females in Chennai to 7.5 percent in males at Chandigarh (Table 2.1).

TABLE 2.1: Number(#) & Proportion(%) of cancers in childhood relative to all cancers

	Males			Females		
	All Cancers	#	%	All Cancers	#	%
Mumbai	78588	4305	5.5	61602	2071	3.4
Bangalore	31116	1637	5.3	36188	881	2.4
Chennai	24588	900	3.7	28685	547	1.9
Thi'puram	27808	1153	4.1	23604	897	3.8
Chandigarh	6909	517	7.5	7383	205	2.8
Dibrugarh	8309	166	2.0	3736	108	2.9
Total	177318	8678	4.9	161198	4709	2.9

TABLE 2.2: Number (#) & Proportion (%) of Childhood Cancers by 5-year Age Group**Males**

Registry	0-4 Age Group		5-9 Age Group		10-14 Age Group		All Childhood Cancers
	#	%	#	%	#	%	
Mumbai	1327	30.8	1479	34.4	1499	34.8	4305
Bangalore	524	32.0	532	32.5	581	35.5	1637
Chennai	252	28.0	303	33.7	345	38.3	900
Thi'puram	429	37.2	367	31.8	357	31.0	1153
Chandigarh	193	37.3	164	31.7	160	30.9	517
Dibrugarh	57	34.3	48	28.9	61	36.7	166

Females

Registry	0-4 Age Group		5-9 Age Group		10-14 Age Group		All Childhood Cancers
	#	%	#	%	#	%	
Mumbai	691	33.4	634	30.6	746	36.0	2071
Bangalore	292	33.1	278	31.6	311	35.3	881
Chennai	168	30.7	160	29.3	219	40.0	547
Thi'puram	323	36.0	277	30.9	297	33.1	897
Chandigarh	69	33.7	60	29.3	76	37.1	205
Dibrugarh	48	44.4	32	29.6	28	25.9	108

Both Sexes

Registry	0-4 Age Group		5-9 Age Group		10-14 Age Group		All Childhood Cancers
	#	%	#	%	#	%	
Mumbai	2018	31.6	2113	33.1	2245	35.2	6376
Bangalore	816	32.4	810	32.2	892	35.4	2518
Chennai	420	29.0	463	32.0	564	39.0	1447
Thi'puram	752	36.7	644	31.4	654	31.9	2050
Chandigarh	262	36.3	224	31.0	236	32.7	722
Dibrugarh	105	38.3	80	29.2	89	32.5	274

Table 2.2 gives the number and proportion of childhood cancers according to five-year age group. When all types of cancers in children are considered, the distribution across the three five-year age groups, seems to be uniform in almost all registries in either sex, except in the 0-4 age group in female children in

Dibrugarh whose relative proportion is slightly higher. Also comparatively speaking Chennai appears to have a slightly higher relative proportion of older (10-14 year age group) children.

An international classification scheme (IARC Scientific Pub. 87) was followed to classify the cancers in childhood. Table 2.3 gives the number and relative proportion of the broad types of these cancers for individual registries. Similarly, Tables 2.4 (a & b) gives the number and relative proportion of specific types of childhood cancer. Figures 2.1(a) and 2.1(b) diagrammatically portray the broad types of cancers in childhood.

TABLE 2.3: Number (#) and Relative Proportion (%) of Broad Types of Cancers in childhood

Males

Broad Types of Cancers in Childhood	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
I Leukaemias	1827	42.4	543	33.2	315	35.0	422	36.6	160	30.9	46	27.7
II Lymphomas	682	15.8	347	21.2	210	23.3	130	11.3	86	16.6	33	19.9
III C.N.S. Tumours	250	5.8	205	12.5	24	2.7	192	16.7	77	14.9	6	3.6
IV S.N.S. Tumours	151	3.5	70	4.3	22	2.4	62	5.4	16	3.1	4	2.4
V Retinoblastomas	202	4.7	72	4.4	83	9.2	40	3.5	49	9.5	16	9.6
VI Renal Tumours	143	3.3	73	4.5	16	1.8	50	4.3	29	5.6	8	4.8
VII Hepatic Tumours	43	1.0	15	0.9	6	0.7	29	2.5	4	0.8	1	0.6
VIII Bone Tumours	310	7.2	98	6.0	98	10.9	60	5.2	22	4.3	15	9.0
IX Soft-tissue Sarcoma	309	7.2	97	5.9	58	6.4	82	7.1	38	7.4	10	6.0
X Germ-cell Tumours	80	1.9	30	1.8	10	1.1	12	1.0	14	2.7	4	2.4
XI Others Carcinomas	133	3.1	55	3.4	39	4.3	58	5.0	14	2.7	18	10.8
XII Others	175	4.1	32	2.0	19	2.1	16	1.4	8	1.5	5	3.0
All Types	4305	100	1637	100	900	100	1153	100	517	100	166	100

Females

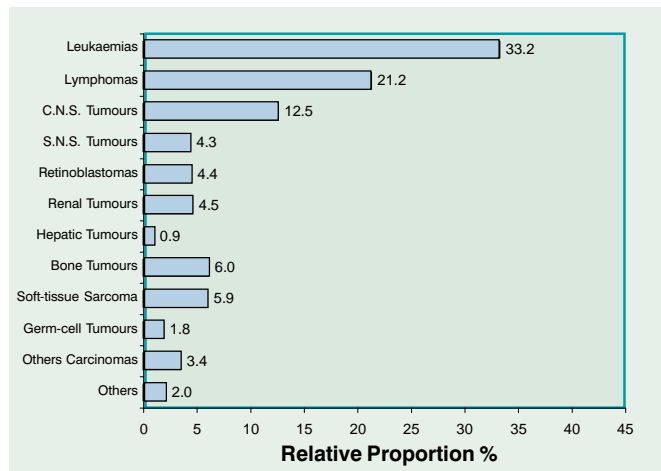
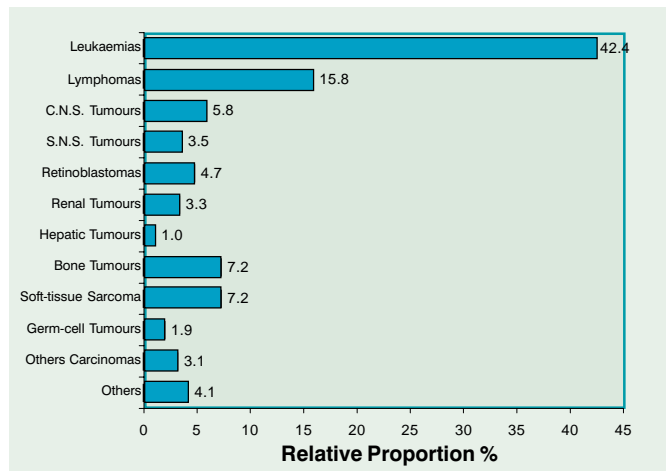
Broad Types of Cancers in Childhood	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
I Leukaemias	841	40.6	263	29.9	167	30.5	271	30.2	43	21.0	24	22.2
II Lymphomas	143	6.9	94	10.7	70	12.8	44	4.9	22	10.7	17	15.7
III C.N.S. Tumours	125	6.0	124	14.1	13	2.4	194	21.6	47	22.9	3	2.8
IV S.N.S. Tumours	87	4.2	49	5.6	9	1.6	37	4.1	10	4.9	1	0.9
V Retinoblastomas	136	6.6	54	6.1	67	12.2	43	4.8	25	12.2	16	14.8
VI Renal Tumours	89	4.3	44	5.0	13	2.4	54	6.0	6	2.9	9	8.3
VII Hepatic Tumours	19	0.9	11	1.2	4	0.7	11	1.2	0	0.0	1	0.9
VIII Bone Tumours	211	10.2	71	8.1	72	13.2	66	7.4	15	7.3	8	7.4
IX Soft-tissue Sarcoma	142	6.9	71	8.1	62	11.3	65	7.2	17	8.3	7	6.5
X Germ-cell Tumours	125	6.0	35	4.0	21	3.8	66	7.4	15	7.3	8	7.4
XI Others Carcinomas	74	3.6	50	5.7	36	6.6	36	4.0	3	1.5	9	8.3
XII Others	79	3.8	15	1.7	13	2.4	10	1.1	2	1.0	5	4.6
All Types	2071	100	881	100	547	100	897	100	205	100	108	100

Fig. 2.1(a): Proportion of Broad Types of Childhood Cancers

Males

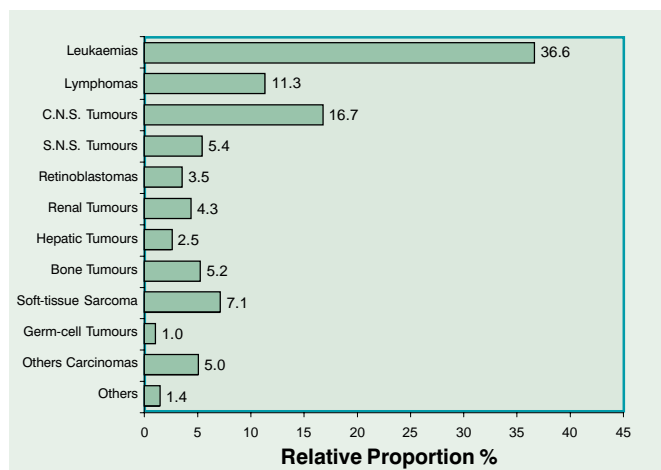
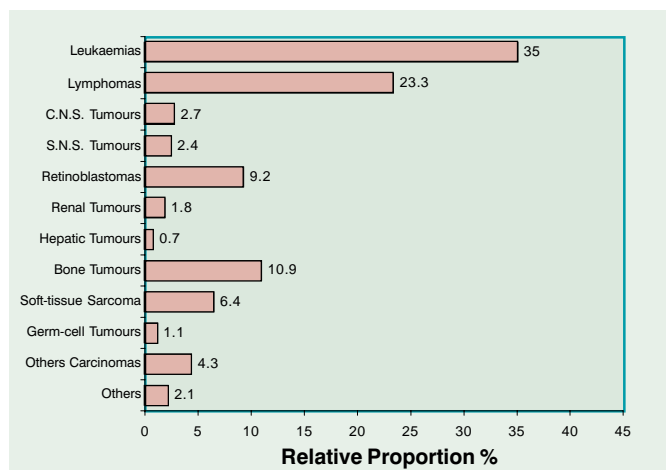
Mumbai

Bangalore



Chennai

Thi'puram



Chandigarh

Dibrugarh

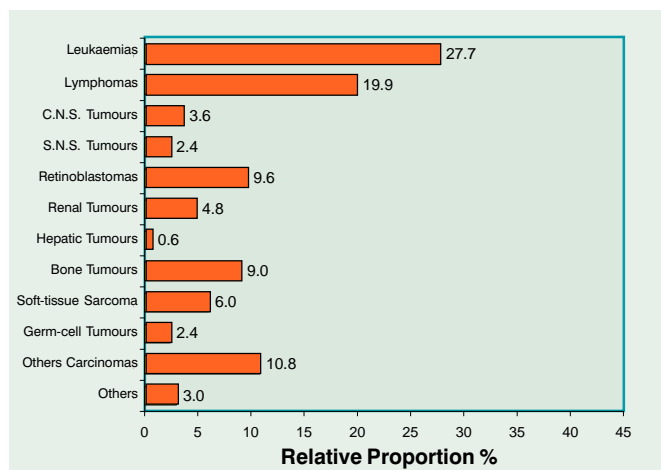
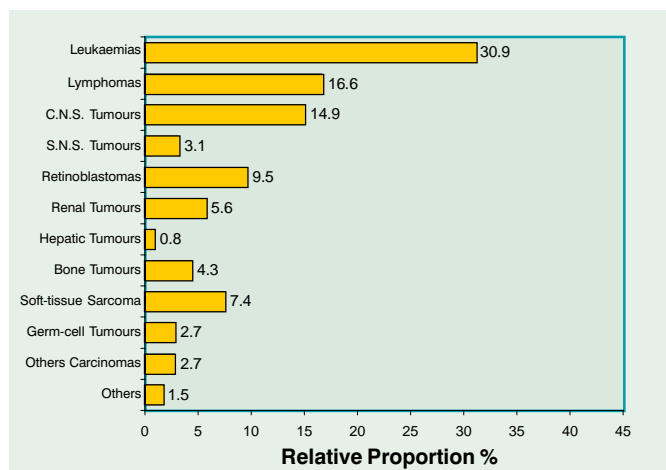
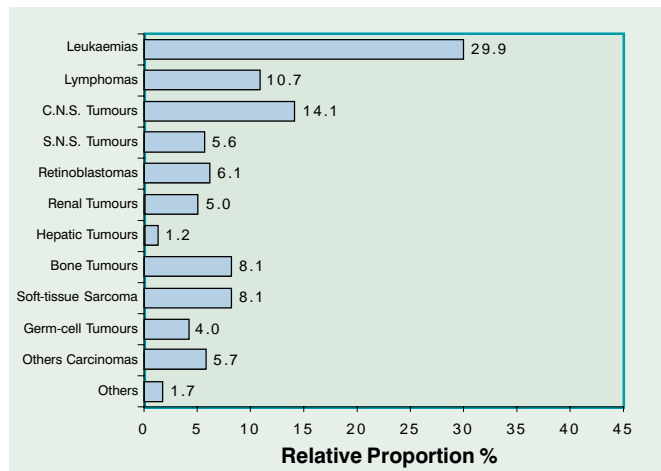
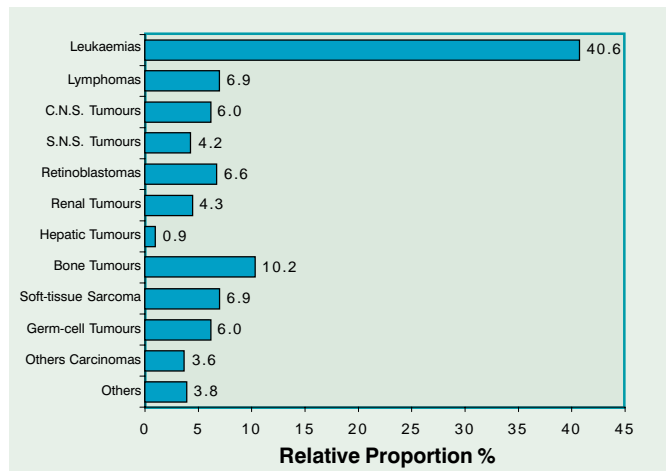


Fig. 2.1(b): Proportion of Broad Types of Childhood Cancers

Females

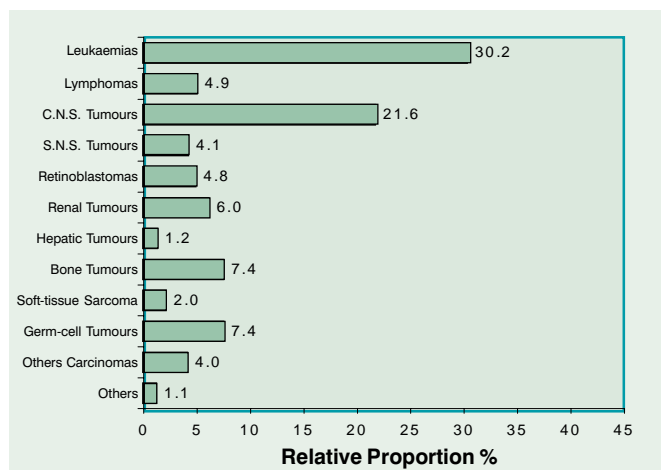
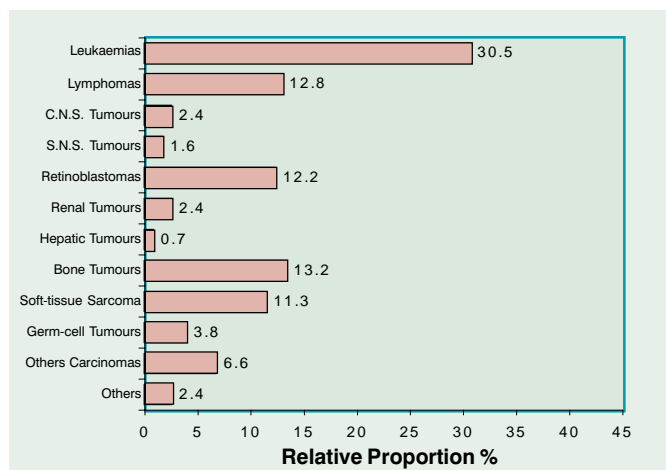
Mumbai

Bangalore



Chennai

Thi'puram



Chandigarh

Dibrugarh

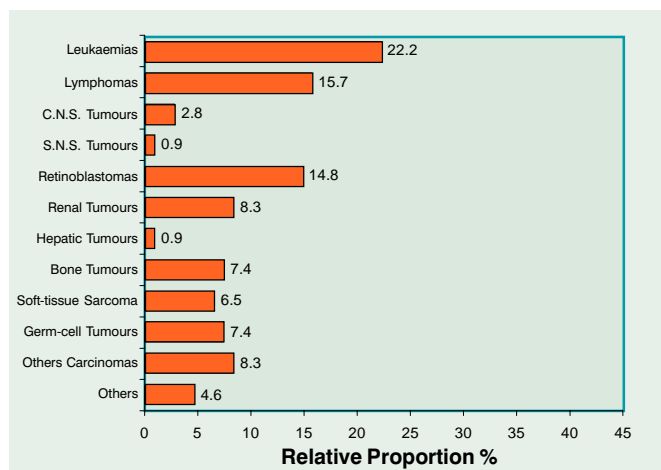
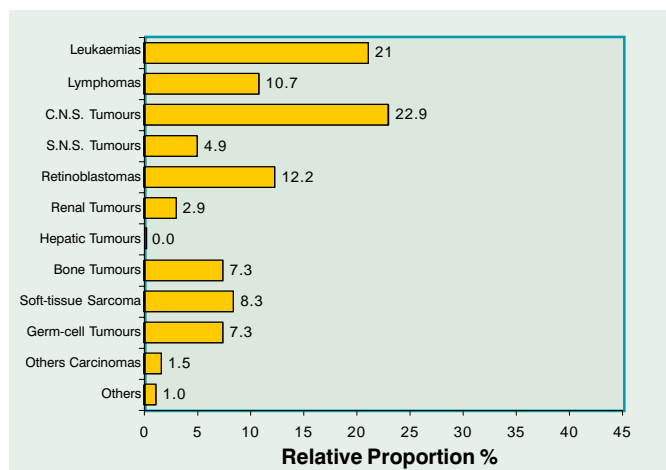


TABLE 2.4(a): Number(#) and Relative Proportion(%) of Specific Types of cancer in childhood**Males**

Specific Types of Cancers in Childhood	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
I. Leukaemias	1827	42.4	543	33.2	315	35.0	422	36.6	160	30.9	46	27.7
a) Acute lymphocytic	1381	32.1	311	19.0	188	20.9	308	26.7	131	25.3	25	15.1
b) Other lymphoid	0	0.0	19	1.2	2	0.2	8	0.7	1	0.2	1	0.6
c) Acute non-lymphocytic	334	7.8	140	8.6	82	9.1	81	7.0	23	4.4	10	6.0
d) Chronic myeloid	70	1.6	23	1.4	13	1.4	10	0.9	5	1.0	5	3.0
e) Others	42	1.0	50	3.1	30	3.3	15	1.3	0	0.0	5	3.0
II. Lymphomas	682	15.8	347	21.2	210	23.3	130	11.3	86	16.6	33	19.9
a) Hodgkin's	476	11.1	170	10.4	99	11.0	42	3.6	44	8.5	12	7.2
b) Non-Hodgkin's	87	2.0	96	5.9	96	10.7	80	6.9	31	6.0	19	11.4
c) Burkitt's	14	0.3	44	2.7	3	0.3	2	0.2	6	1.2	0	0.0
d) Unspecified	100	2.3	28	1.7	12	1.3	2	0.2	2	0.4	2	1.2
e) Histiocytosis	1	0.0	5	0.3	0	0.0	3	0.3	1	0.2	0	0.0
f) Others	4	0.1	4	0.2	0	0.0	1	0.1	2	0.4	0	0.0
III. C.N.S. Tumours	250	5.8	205	12.5	24	2.7	192	16.7	77	14.9	6	3.6
a) Ependymoma	15	0.3	17	1.0	0	0.0	12	1.0	4	0.8	1	0.6
b) Astrocytoma	103	2.4	72	4.4	7	0.8	52	4.5	41	7.9	2	1.2
c) Medulloblastoma	88	2.0	67	4.1	9	1.0	53	4.6	20	3.9	2	1.2
d) Other gliomas	26	0.6	23	1.4	2	0.2	12	1.0	4	0.8	0	0.0
e) Others	18	0.4	26	1.6	6	0.7	63	5.5	8	1.5	1	0.6
IV. S.N.S. Tumours	151	3.5	70	4.3	22	2.4	62	5.4	16	3.1	4	2.4
a) Neuroblastomas	141	3.3	66	4.0	20	2.2	57	4.9	16	3.1	3	1.8
b) Others	10	0.2	4	0.2	2	0.2	5	0.4	0	0.0	1	0.6
V. Retinoblastomas	202	4.7	72	4.4	83	9.2	40	3.5	49	9.5	16	9.6
VI. Renal Tumours	143	3.3	73	4.5	16	1.8	50	4.3	29	5.6	8	4.8
a) Renal Tumours	139	3.2	71	4.3	13	1.4	47	4.1	28	5.4	4	2.4
b) Renal Carcinoma	3	0.1	0	0.0	1	0.1	0	0.0	0	0.0	0	0.0
c) Others	1	0.0	2	0.1	2	0.2	3	0.3	1	0.2	4	2.4
VII. Hepatic Tumours	43	1.0	15	0.9	6	0.7	29	2.5	4	0.8	1	0.6
a) Hepatoblastoma	30	0.7	7	0.4	4	0.4	12	1.0	4	0.8	0	0.0
b) Hepatic Carcinoma	2	0.0	6	0.4	2	0.2	15	1.3	0	0.0	1	0.6
c) Others	11	0.3	2	0.1	0	0.0	2	0.2	0	0.0	0	0.0
VIII. Bone Tumours	310	7.2	98	6.0	98	10.9	60	5.2	22	4.3	15	9.0
a) Osteosarcoma	138	3.2	43	2.6	44	4.9	38	3.3	6	1.2	8	4.8
b) Chondrosarcoma	0	0.0	3	0.2	6	0.7	1	0.1	1	0.2	0	0.0
c) Ewing's Sarcoma	134	3.1	40	2.4	39	4.3	17	1.5	15	2.9	3	1.8
d) Others	38	0.9	12	0.7	9	1.0	4	0.3	0	0.0	4	2.4
IX. Soft-tissue Sarcoma	309	7.2	97	5.9	58	6.4	82	7.1	38	7.4	10	6.0
a) Rhabdomyosarcoma	193	4.5	63	3.8	27	3.0	51	4.4	20	3.9	3	1.8
b) Fibrosarcoma	24	0.6	9	0.5	13	1.4	3	0.3	7	1.4	2	1.2
c) Others	92	2.1	25	1.5	18	2.0	28	2.4	11	2.1	5	3.0
X. Germ-cell Tumours	80	1.9	30	1.8	10	1.1	12	1.0	14	2.7	4	2.4
a) Non-gonadal germ-cell	28	0.7	7	0.4	4	0.4	5	0.4	7	1.4	1	0.6
b) Gonadal germ-cell	51	1.2	23	1.4	6	0.7	6	0.5	7	1.4	3	1.8
c) Gonadal carcinomas	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
d) Others	0	0.0	0	0.0	0	0.0	1	0.1	0	0.0	0	0.0
XI. Others Carcinomas	133	3.1	55	3.4	39	4.3	58	5.0	14	2.7	18	10.8
a) Adrenocortical carcinoma	3	0.1	0	0.0	0	0.0	1	0.1	0	0.0	0	0.0
b) Thyroid carcinoma	10	0.2	6	0.4	1	0.1	6	0.5	0	0.0	1	0.6
c) Nasopharyngeal carcinoma	51	1.2	17	1.0	10	1.1	10	0.9	1	0.2	1	0.6
d) Melanomatous tumours	1	0.0	0	0.0	0	0.0	3	0.3	0	0.0	0	0.0
e) Others	68	1.6	32	2.0	28	3.1	38	3.3	13	2.5	16	9.6
XII. Others	175	4.1	32	2.0	19	2.1	16	1.4	8	1.5	5	3.0
All Types	4305	100	1637	100	900	100	1153	100	517	100	166	100

TABLE 2.4(b): Number(#) and Relative Proportion(%) of Specific Types of cancer in childhood**Females**

Specific Types of Cancers in Childhood	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
I. Leukaemias	841	40.6	263	29.9	167	30.5	271	30.2	43	21.0	24	22.2
a) Acute lymphocytic	602	29.1	153	17.4	90	16.5	200	22.3	32	15.6	11	10.2
b) Other lymphoid	2	0.1	9	1.0	0	0.0	5	0.6	0	0.0	3	2.8
c) Acute non-lymphocytic	182	8.8	60	6.8	55	10.1	51	5.7	5	2.4	5	4.6
d) Chronic myeloid	31	1.5	16	1.8	8	1.5	5	0.6	6	2.9	4	3.7
e) Others	24	1.2	25	2.8	14	2.6	10	1.1	0	0.0	1	0.9
II. Lymphomas	143	6.9	94	10.7	70	12.8	44	4.9	22	10.7	17	15.7
a) Hodgkin's	91	4.4	37	4.2	25	4.6	15	1.7	9	4.4	5	4.6
b) Non-Hodgkin's	19	0.9	36	4.1	41	7.5	18	2.0	10	4.9	11	10.2
c) Burkitt's	2	0.1	7	0.8	1	0.2	0	0.0	2	1.0	0	0.0
d) Unspecified	29	1.4	7	0.8	3	0.5	3	0.3	0	0.0	1	0.9
e) Histiocytosis	0	0.0	1	0.1	0	0.0	3	0.3	0	0.0	0	0.0
f) Others	2	0.1	6	0.7	0	0.0	5	0.6	1	0.5	0	0.0
III. C.N.S. Tumours	125	6.0	124	14.1	13	2.4	194	21.6	47	22.9	3	2.8
a) Ependymoma	8	0.4	5	0.6	0	0.0	3	0.3	1	0.5	0	0.0
b) Astrocytoma	63	3.0	46	5.2	6	1.1	68	7.6	28	13.7	0	0.0
c) Medulloblastoma	25	1.2	34	3.9	3	0.5	40	4.5	12	5.9	1	0.9
d) Other gliomas	24	1.2	13	1.5	1	0.2	15	1.7	1	0.5	1	0.9
e) Others	5	0.2	26	3.0	3	0.5	68	7.6	5	2.4	1	0.9
IV. S.N.S. Tumours	87	4.2	49	5.6	9	1.6	37	4.1	10	4.9	1	0.9
a) Neuroblastomas	76	3.7	49	5.6	9	1.6	34	3.8	10	4.9	1	0.9
b) Others	11	0.5	0	0.0	0	0.0	3	0.3	0	0.0	0	0.0
V. Retinoblastomas	136	6.6	54	6.1	67	12.2	43	4.8	25	12.2	16	14.8
VI. Renal Tumours	89	4.3	44	5.0	13	2.4	54	6.0	6	2.9	9	8.3
a) Renal Tumours	85	4.1	42	4.8	11	2.0	53	5.9	5	2.4	4	3.7
b) Renal Carcinoma	2	0.1	0	0.0	1	0.2	0	0.0	0	0.0	0	0.0
c) Others	2	0.1	2	0.2	1	0.2	1	0.1	1	0.5	5	4.6
VII. Hepatic Tumours	19	0.9	11	1.2	4	0.7	11	1.2	0	0.0	1	0.9
a) Hepatoblastoma	14	0.7	5	0.6	3	0.5	5	0.6	0	0.0	1	0.9
b) Hepatic Carcinoma	1	0.0	5	0.6	0	0.0	2	0.2	0	0.0	0	0.0
c) Others	4	0.2	1	0.1	1	0.2	4	0.4	0	0.0	0	0.0
VIII. Bone Tumours	211	10.2	71	8.1	72	13.2	66	7.4	15	7.3	8	7.4
a) Osteosarcoma	113	5.5	40	4.5	36	6.6	43	4.8	4	2.0	2	1.9
b) Chondrosarcoma	0	0.0	2	0.2	3	0.5	3	0.3	0	0.0	0	0.0
c) Ewing's Sarcoma	75	3.6	21	2.4	28	5.1	14	1.6	11	5.4	2	1.9
d) Others	23	1.1	8	0.9	5	0.9	6	0.7	0	0.0	4	3.7
IX. Soft-tissue Sarcoma	142	6.9	71	8.1	62	11.3	65	7.2	17	8.3	7	6.5
a) Rhabdomyosarcoma	79	3.8	51	5.8	28	5.1	38	4.2	12	5.9	4	3.7
b) Fibrosarcoma	17	0.8	1	0.1	14	2.6	3	0.3	0	0.0	1	0.9
c) Others	46	2.2	19	2.2	20	3.7	24	2.7	5	2.4	2	1.9
X. Germ-cell Tumours	125	6.0	35	4.0	21	3.8	66	7.4	15	7.3	8	7.4
a) Non-gonadal germ-cell	27	1.3	9	1.0	3	0.5	15	1.7	3	1.5	1	0.9
b) Gonadal germ-cell	94	4.5	22	2.5	15	2.7	51	5.7	11	5.4	2	1.9
c) Gonadal carcinomas	2	0.1	1	0.1	1	0.2	0	0.0	0	0.0	3	2.8
d) Others	2	0.1	3	0.3	2	0.4	0	0.0	1	0.5	2	1.9
XI. Others Carcinomas	74	3.6	50	5.7	36	6.6	36	4.0	3	1.5	9	8.3
a) Adrenocortical carcinoma	1	0.0	0	0.0	1	0.2	1	0.1	0	0.0	0	0.0
b) Thyroid carcinoma	17	0.8	8	0.9	3	0.5	11	1.2	0	0.0	0	0.0
c) Nasopharyngeal carcinoma	12	0.6	10	1.1	7	1.3	4	0.4	0	0.0	0	0.0
d) Melanomatous tumours	1	0.0	2	0.2	0	0.0	1	0.1	0	0.0	0	0.0
e) Others	43	2.1	30	3.4	25	4.6	19	2.1	3	1.5	9	8.3
XII. Others	79	3.8	15	1.7	13	2.4	10	1.1	2	1.0	5	4.6
All Types	2071	100	881	100	547	100	897	100	205	100	108	100

Leukaemias and lymphomas constitute over 55% of cancers among male children and nearly 43% of that in female children. Acute lymphatic leukaemia constitutes about 25% of all childhood cancers in either sex. About 50% of all lymphomas are Hodgkin's disease. Astrocytomas and Medulloblastomas are the predominant tumours of the Central Nervous System, while Osteosarcoma and Ewing's sarcoma are the predominant bone tumours.

The data from individual registries show that leukaemias constitute the largest group in all centres varying from 21 percent in females at Chandigarh to over 42 percent among males in Mumbai. Lymphomas are the next most important group and along with leukaemias form about one third of childhood cancers at the lowest (in Chandigarh females) to about 60% of those (in males at Mumbai and Chennai) at their highest relative proportion. The relative proportion of central nervous system tumours is comparatively high in Chandigarh, Thiruvananthapuram and Bangalore in either sex. Retinoblastomas are particularly seen in higher proportion at Dibrugarh, Chandigarh and Chennai. There appears to be a remarkable consistency among registries in the relative proportions of these specific cancers in childhood.

The relative proportions of some types of cancer show variation by sex. The higher relative proportion of retinoblastomas and bone tumours in girls compared to boys is seen in all registries though in absolute numbers the figure is lower.

Chapter 3

SITES OF CANCER ASSOCIATED WITH USE OF TOBACCO

This chapter indicates the impact of the use of tobacco in the causation of cancer both in proportions and type of cancer. In planning tobacco control activity across the country this baseline is most important. Though not in a defined population it gives a fair picture of the problem of cancer associated with the use of tobacco.

Sites of cancer that have been associated with use of tobacco [Tobacco Related Cancers (TRC)] include, oral cavity including lip and tongue, oropharynx, hypopharynx, pharynx, oesophagus, larynx, lung and urinary bladder.

TABLE 3.1: Number (#) & Proportion (%) of cancers related to use of tobacco relative to all sites of cancer

Registry	Males			Females		
	All sites	#	%	All sites	#	%
Mumbai	78588	42180	53.7	61602	10918	17.7
Bangalore	31116	16434	52.8	36188	8465	23.4
Chennai	24588	12758	51.9	28685	4892	17.1
Thi'puram	27808	13882	49.9	23604	4077	17.3
Chandigarh	6909	2995	43.3	7383	994	13.5
Dibrugarh	8309	5617	67.6	3736	1359	36.4
All Registries	177318	93866	52.9	161198	30705	19.0

Table 3.1 and Figure 3.1 give the number and relative proportion of these sites of cancer. As may be observed the highest relative proportion of these sites in either sex (67.6 and 36.4%) was in Dibrugarh. The overall proportion of tobacco related cancers in all registries combined, indicates that over 50 percent (52.9%) of males and nearly 20 percent (19.0%) of females have cancers that are directly attributed to the sites associated with tobacco habit.

Fig. 3.1: Proportion (%) of Tobacco Related Cancers Relative to All Sites

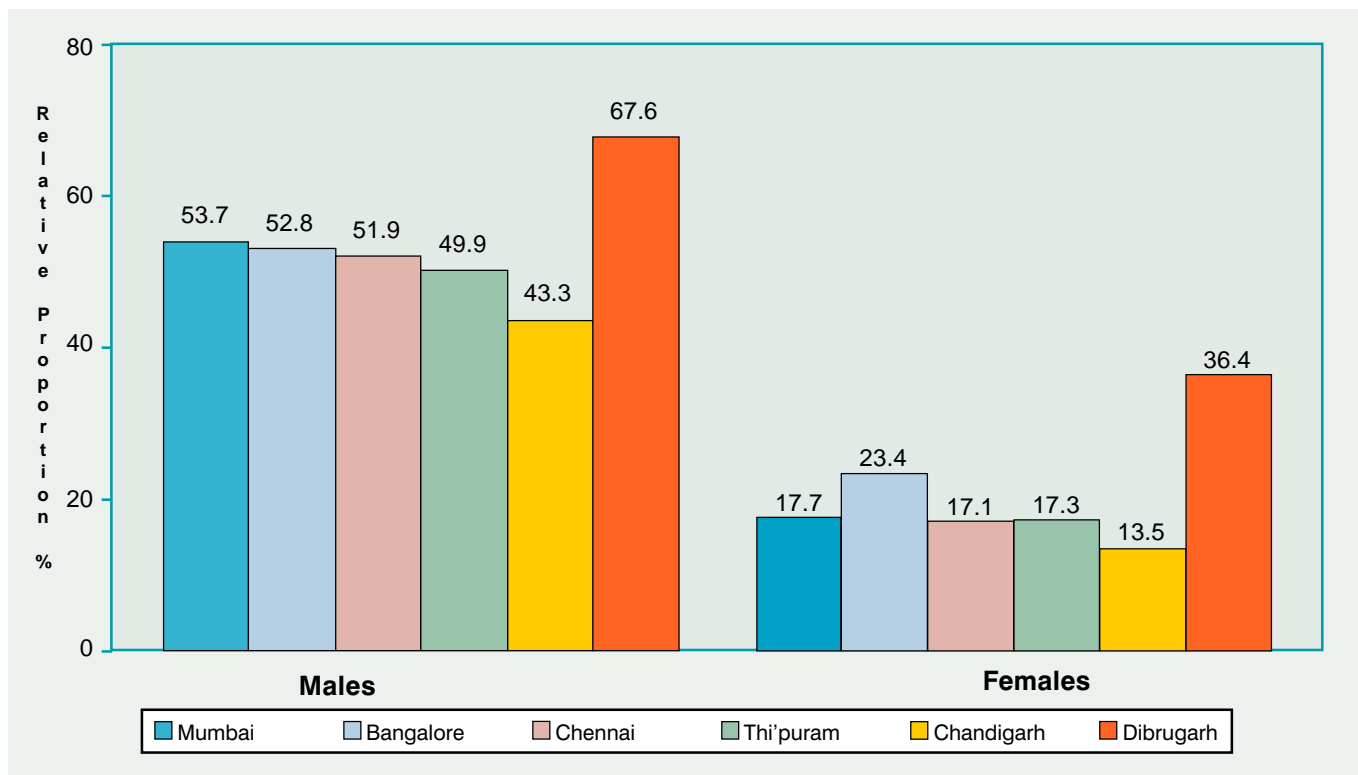
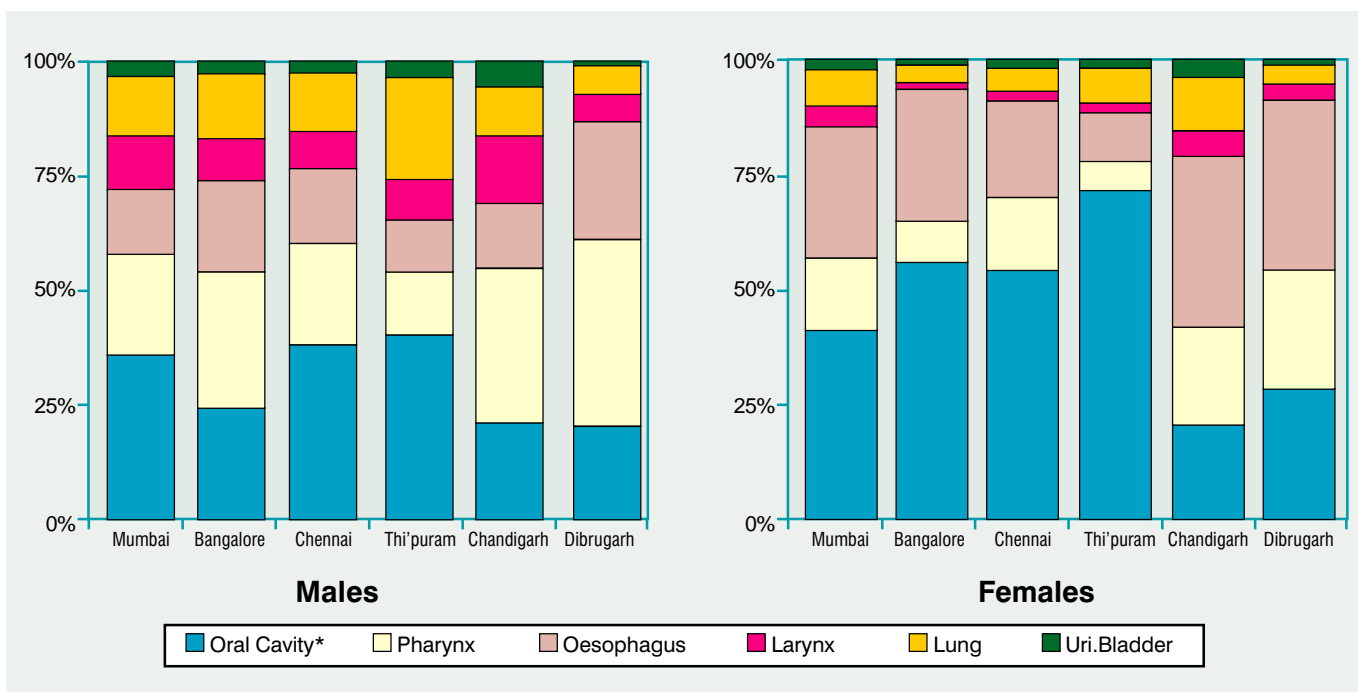


Fig. 3.2 Proportion of Specific Tobacco Related Sites Relative to All Tobacco Related Cancers



* Includes lip and tongue.

Tables 3.2 and 3.3 and Figure 3.2 give the number and relative proportion according to the specific sites of TRC indicated above. The proportion relative to all sites of cancer, and the proportion relative to all tobacco related sites are given in the tables. Cancers of the oral cavity constitute in males and females, one-third and one-half respectively of all TRCs.

In males cancers of the oral cavity constitute about 20 percent of all sites of cancer and 35 to 40 percent of TRCs, in the registries at Mumbai, Chennai and Thiruvananthapuram making it the single most important site related to use of tobacco. This fact is further established if one looks at the figures for females, particularly the proportions relative to all TRCs. It varies from 41.2 percent in Mumbai to 71.7 percent at Thiruvananthapuram with Bangalore also showing a comparatively high relative proportion

TABLE 3.2: Number(#) & Proportion(%) of specific sites of cancer related to use of tobacco relative to all sites of cancer

Males

Site of Cancer	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Oral Cavity*	15084	19.2	3963	12.7	4864	19.8	5615	20.2	618	8.9	1128	13.6
Pharynx	9340	11.9	4892	15.7	2833	11.5	1864	6.7	551	8.0	2317	27.9
Oesophagus	5966	7.6	3323	10.7	2073	8.4	1573	5.7	463	6.7	1434	17.3
Larynx	4937	6.3	1477	4.7	1073	4.4	1235	4.4	429	6.2	341	4.1
Lung	5421	6.9	2368	7.6	1603	6.5	3104	11.2	762	11.0	345	4.2
U.Bladder	1432	1.8	411	1.3	312	1.3	491	1.8	172	2.5	52	0.6
TRC	42180	53.7	16434	52.8	12758	51.9	13882	49.9	2995	43.3	5617	67.6
All sites	78588	100.0	31116	100.0	24588	100.0	27808	100.0	6909	100.0	8309	100.0

Females

Site of Cancer	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Oral Cavity*	4501	7.3	4751	13.1	2647	9.2	2924	12.4	203	2.7	387	10.4
Pharynx	1693	2.7	745	2.1	790	2.8	262	1.1	212	2.9	349	9.3
Oesophagus	3145	5.1	2422	6.7	1024	3.6	431	1.8	372	5.0	506	13.5
Larynx	516	0.8	143	0.4	106	0.4	88	0.4	57	0.8	44	1.2
Lung	837	1.4	325	0.9	235	0.8	305	1.3	113	1.5	65	1.7
U.Bladder	226	0.4	79	0.2	90	0.3	67	0.3	37	0.5	8	0.2
TRC	10918	17.7	8465	23.4	4892	17.1	4077	17.3	994	13.5	1359	36.4
All sites	61602	100.0	36188	100.0	28685	100.0	23604	100.0	7383	100.0	3736	100.0

* Includes lip and tongue

(56.1%). Next to oral cavity cancers of the pharynx and oesophagus appear important in Dibrugarh, Bangalore, Mumbai and Chennai in both sexes. Cancer of the lung appears to have a particularly high relative proportion among males at Chandigarh.

There appeared to be no variation, in either sex, in the relative proportion of TRCs over the years in different registries.

Table 3.4 and Figure 3.3 show the age distribution of these sites of cancer put together. All registries in either sex show similarity in the distribution with the relative proportion increasing from age 30-34 years, reaching a peak at about 60 years of age in males and 55 years in females, except that in Thiruvananthapuram, especially in females, the average age at onset of these cancers appears to be slightly higher.

TABLE 3.3: Number(#) & Relative Proportion(%) of specific sites of cancer related to use of tobacco relative to all Tobacco Related Cancers (TRC)

Males

Site of Cancer	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Oral Cavity*	15084	35.8	3963	24.1	4864	38.1	5615	40.4	618	20.6	1128	20.1
Pharynx	9340	22.1	4892	29.8	2833	22.2	1864	13.4	551	18.4	2317	41.2
Oesophagus	5966	14.1	3323	20.2	2073	16.2	1573	11.3	463	15.5	1434	25.5
Larynx	4937	11.7	1477	9.0	1073	8.4	1235	8.9	429	14.3	341	6.1
Lung	5421	12.9	2368	14.4	1603	12.6	3104	22.4	762	25.4	345	6.1
U.Bladder	1432	3.4	411	2.5	312	2.4	491	3.5	172	5.7	52	0.9
TRC	42180	100.0	16434	100.0	12758	100.0	13882	100.0	2995	100.0	5617	100.0

Females

Site of Cancer	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Oral Cavity*	4501	41.2	4751	56.1	2647	54.1	2924	71.7	203	20.4	387	28.5
Pharynx	1693	15.5	745	8.8	790	16.1	262	6.4	212	21.3	349	25.7
Oesophagus	3145	28.8	2422	28.6	1024	20.9	431	10.6	372	37.4	506	37.2
Larynx	516	4.7	143	1.7	106	2.2	88	2.2	57	5.7	44	3.2
Lung	837	7.7	325	3.8	235	4.8	305	7.5	113	11.4	65	4.8
U.Bladder	226	2.1	79	0.9	90	1.8	67	1.6	37	3.7	8	0.6
TRC	10918	100.0	8465	100.0	4892	100.0	4077	100.0	994	100.0	1359	100.0

* Includes lip and tongue

TABLE 3.4: Number(#) & Relative Proportion(%) of Tobacco Related Cancers by five-year age groups**Males**

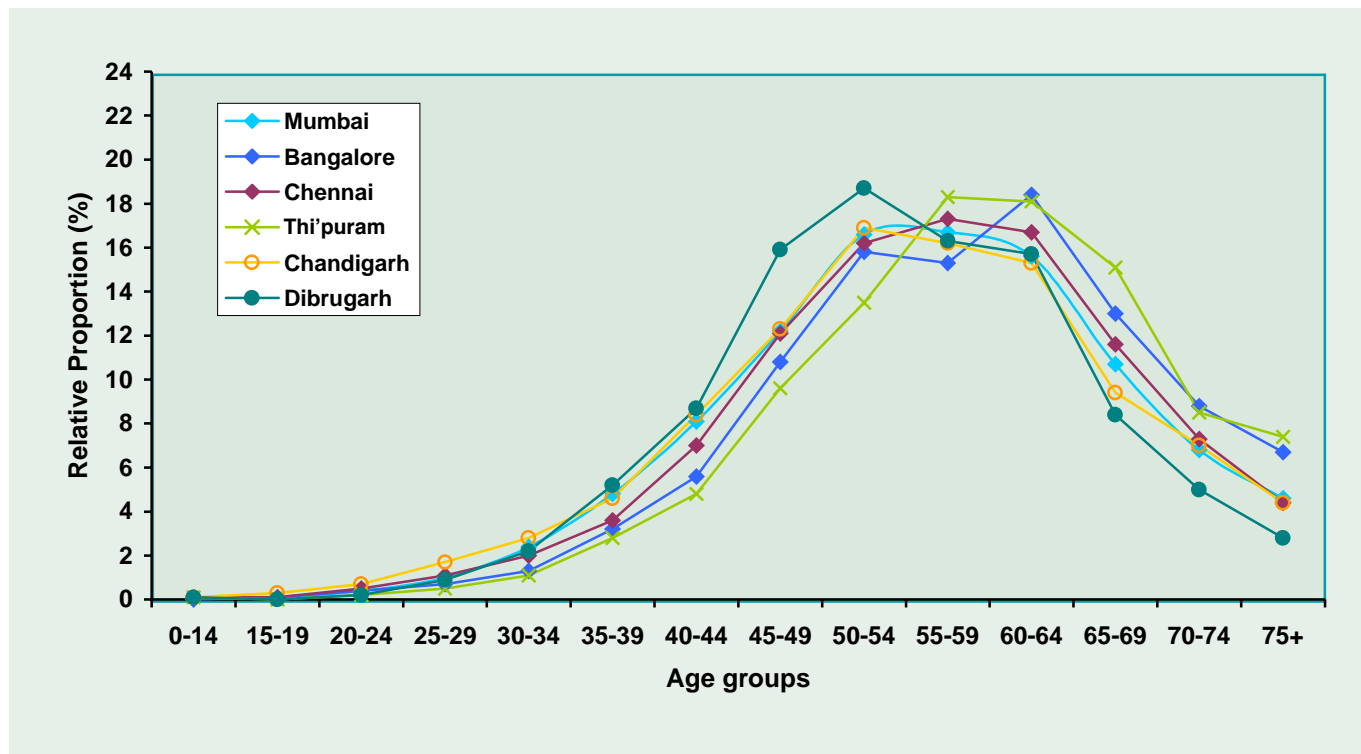
Age Group	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
0-14	49	0.1	7	0.0	13	0.1	13	0.1	4	0.1	3	0.1
15-19	30	0.1	20	0.1	18	0.1	5	0.0	10	0.3	2	0.0
20-24	151	0.4	60	0.4	67	0.5	32	0.2	20	0.7	11	0.2
25-29	421	1.0	117	0.7	143	1.1	64	0.5	51	1.7	48	0.9
30-34	1014	2.4	219	1.3	255	2.0	149	1.1	84	2.8	124	2.2
35-39	2027	4.8	518	3.2	455	3.6	394	2.8	139	4.6	291	5.2
40-44	3427	8.1	915	5.6	896	7.0	660	4.8	251	8.4	486	8.7
45-49	5143	12.2	1769	10.8	1538	12.1	1339	9.6	367	12.3	895	15.9
50-54	6993	16.6	2596	15.8	2061	16.2	1875	13.5	505	16.9	1049	18.7
55-59	7027	16.7	2514	15.3	2209	17.3	2539	18.3	485	16.2	916	16.3
60-64	6567	15.6	3026	18.4	2130	16.7	2506	18.1	457	15.3	882	15.7
65-69	4533	10.7	2133	13.0	1482	11.6	2091	15.1	281	9.4	470	8.4
70-74	2865	6.8	1443	8.8	927	7.3	1182	8.5	210	7.0	282	5.0
75+	1933	4.6	1097	6.7	564	4.4	1033	7.4	131	4.4	158	2.8
All Ages	42180	100.0	16434	100.0	12758	100.0	13882	100.0	2995	100.0	5617	100.0

Females

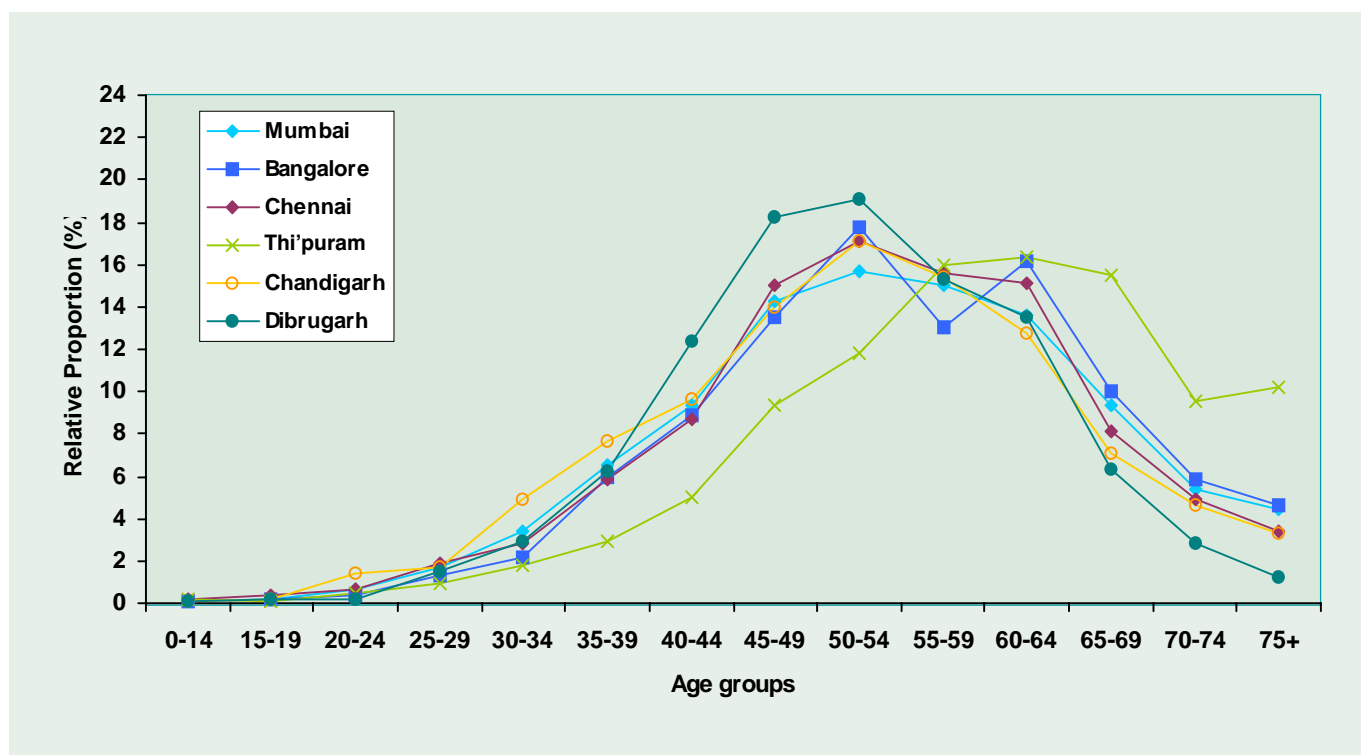
Age Group	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
0-14	12	0.1	9	0.1	10	0.2	7	0.2	1	0.1	1	0.1
15-19	22	0.2	14	0.2	21	0.4	4	0.1	2	0.2	3	0.2
20-24	79	0.7	36	0.4	35	0.7	22	0.5	14	1.4	3	0.2
25-29	182	1.7	107	1.3	95	1.9	36	0.9	17	1.7	21	1.5
30-34	369	3.4	190	2.2	136	2.8	73	1.8	49	4.9	40	2.9
35-39	714	6.5	505	6.0	289	5.9	120	2.9	77	7.7	84	6.2
40-44	1030	9.4	752	8.9	427	8.7	203	5.0	95	9.6	168	12.4
45-49	1564	14.3	1147	13.5	734	15.0	383	9.4	139	14.0	248	18.2
50-54	1717	15.7	1503	17.8	838	17.1	481	11.8	170	17.1	260	19.1
55-59	1638	15.0	1100	13.0	764	15.6	652	16.0	153	15.4	208	15.3
60-64	1490	13.6	1368	16.2	738	15.1	663	16.3	127	12.8	183	13.5
65-69	1027	9.4	848	10.0	397	8.1	630	15.5	71	7.1	86	6.3
70-74	595	5.4	500	5.9	242	4.9	388	9.5	46	4.6	38	2.8
75+	479	4.4	386	4.6	166	3.4	415	10.2	33	3.3	16	1.2
All Ages	10918	100.0	8465	100.0	4892	100.0	4077	100.0	994	100.0	1359	100.0

Fig. 3.3: Relative Proportion(%) of Tobacco Related Cancers by Five-Year Age Group

Males



Females



Chapter 4

BASIS OF DIAGNOSIS

The basis of diagnosis in this chapter is one index of the reliability of diagnosis. The use and value of cytology in diagnosis, the introduction of fine needle aspiration cytology, and changes in trends in the method of diagnosis are all important. It would be important to know the level of correlation between cytology and histopathology diagnosis as well as that between radiological and histological diagnosis.

The basis of diagnosis of cancers registered at the various centres is shown in Table 4.1 and diagrammatically represented in Figure 4.1. All registries show a slightly higher proportion of microscopic confirmation of diagnosis in females as compared to males, though this proportion is identical in the sexes at Dibrugarh.

The degree of microscopic confirmation varies from 69.5 percent in males at Chennai to 96.1 percent among females at Chandigarh. Correspondingly, there is a relatively higher proportion of clinical diagnosis in both sexes at Chennai (23.4% in males and 26.1% in females). Similarly the proportion of diagnoses based on radiology (X-ray) is slightly higher in both sexes at Dibrugarh (9.2% in males & 6.7% in females) and in males at Thiruvananthapuram (6.3%).

Table 4.2 and Figure 4.2 give further details of the number and relative proportion of different types of microscopic diagnosis. In Bangalore and Chandigarh the proportion of diagnoses based on cytology is relatively high. Dibrugarh has a high proportion of cases based on secondary histology.

The trends in the proportion of microscopic diagnosis over the years and the results of tests of statistical significance are shown in Table 4.3. There appears to be a statistically significant increase in the proportions of microscopic diagnosis in both males and females at Chennai, Thiruvananthapuram and Dibrugarh.

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

Registry	Microscopic		Clinical		X-ray		Others		Total	
	#	%	#	%	#	%	#	%	#	%
Mumbai	71781	91.3	1376	1.8	1462	1.9	3969	5.1	78588	100.0
Bangalore	28360	91.1	1174	3.8	960	3.1	622	2.0	31116	100.0
Chennai	17092	69.5	5756	23.4	1146	4.7	594	2.4	24588	100.0
Thi'puram	23918	86.0	1546	5.6	1757	6.3	587	2.1	27808	100.0
Chandigarh	6528	94.5	50	0.7	160	2.3	171	2.5	6909	100.0
Dibrugarh	7335	88.3	80	1.0	761	9.2	133	1.6	8309	100.0

Females

Registry	Microscopic		Clinical		X-ray		Others		Total	
	#	%	#	%	#	%	#	%	#	%
Mumbai	56369	91.5	1019	1.7	705	1.1	3509	5.7	61602	100.0
Bangalore	34318	94.8	875	2.4	462	1.3	533	1.5	36188	100.0
Chennai	20504	71.5	7491	26.1	446	1.6	244	0.9	28685	100.0
Thi'puram	21306	90.3	1418	6.0	597	2.5	283	1.2	23604	100.0
Chandigarh	7095	96.1	114	1.5	68	0.9	106	1.4	7383	100.0
Dibrugarh	3298	88.3	96	2.6	251	6.7	91	2.4	3736	100.0

Fig. 4.1(a): Proportion (%) of Patients according to Method of Diagnosis

Males

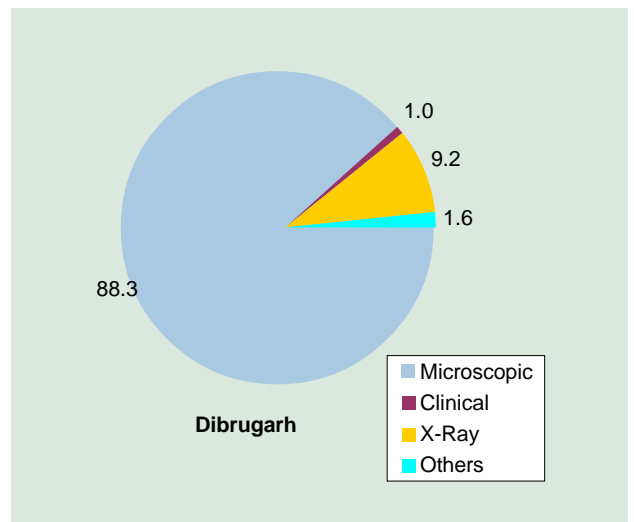
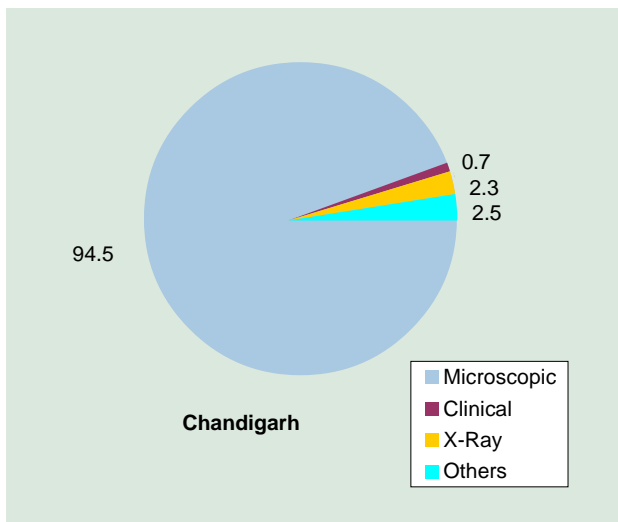
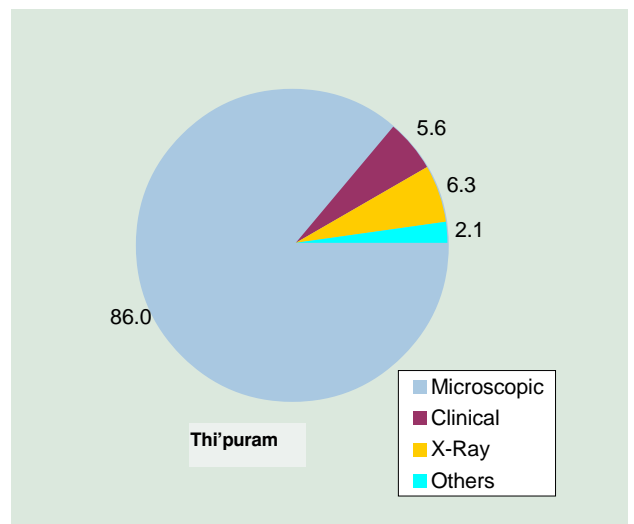
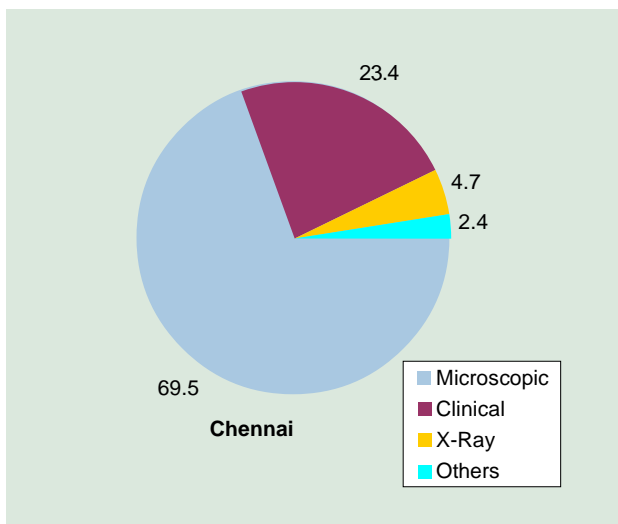
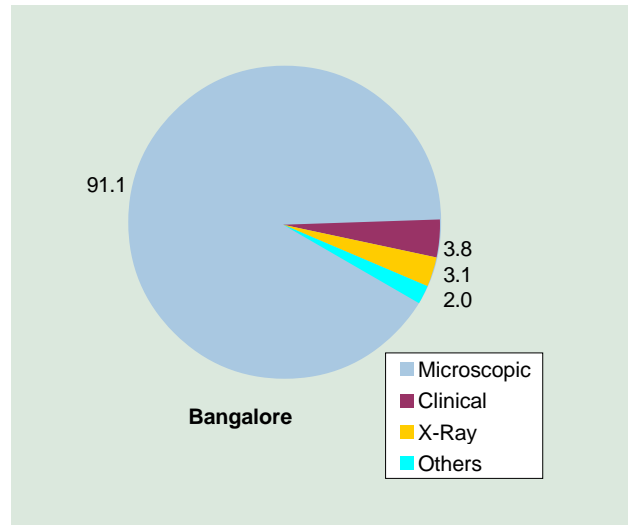
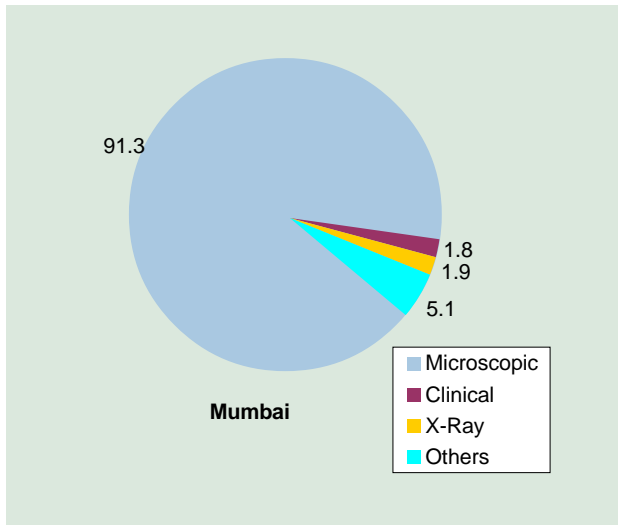


Fig. 4.1(b): Proportion (%) of Patients according to Method of Diagnosis

Females

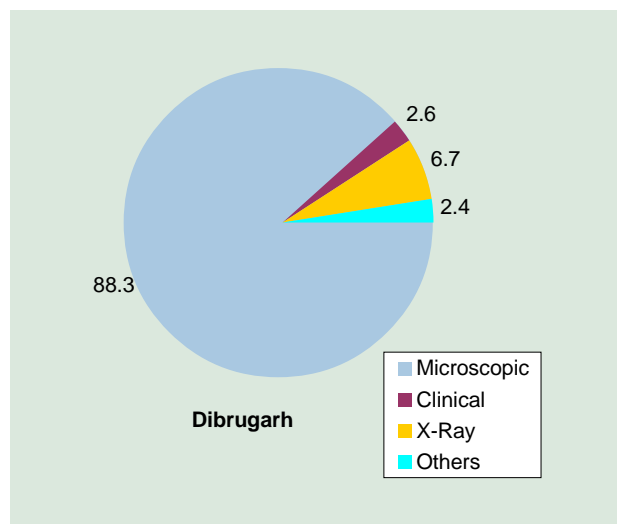
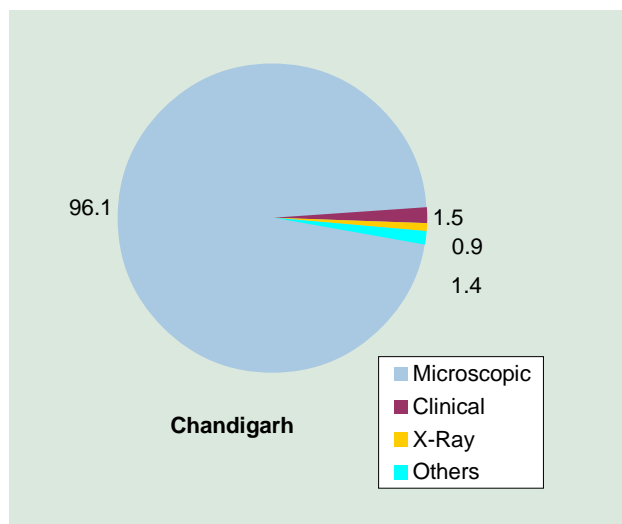
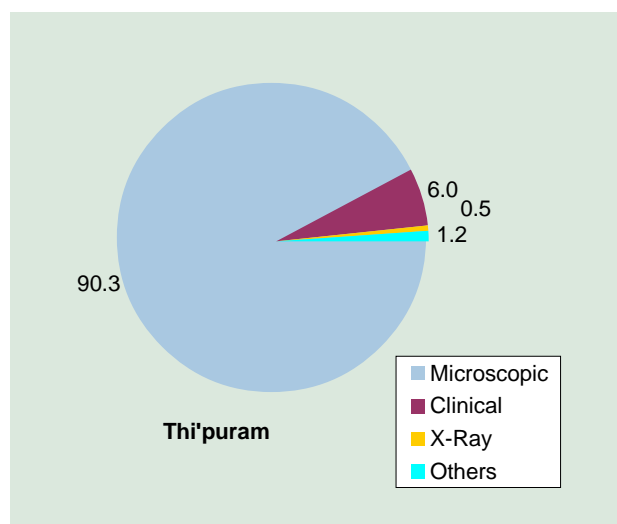
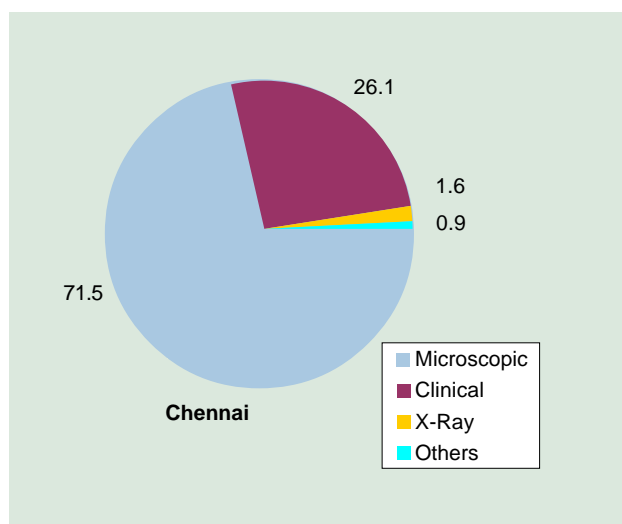
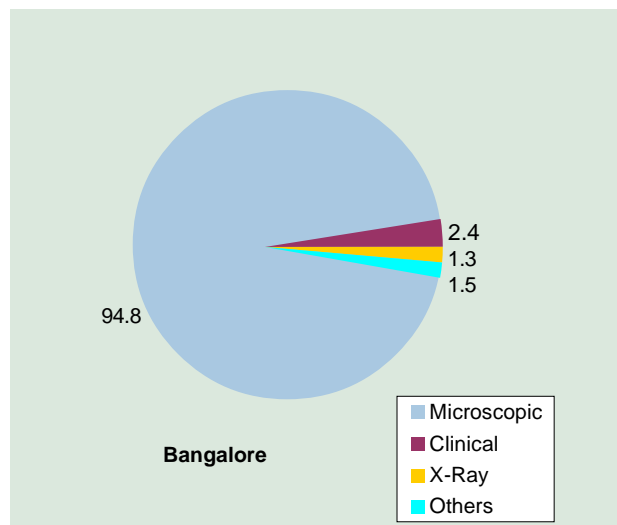
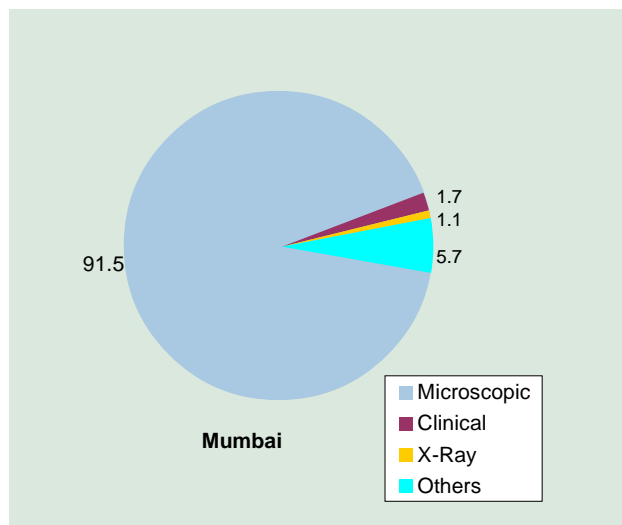


TABLE 4.2: Number (#) & Relative Proportion (%) of cancers based on different types of Microscopic Diagnosis**Males**

Type of Microscopic Diagnosis	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Primary Histology	52322	72.9	18580	65.5	14049	82.2	18264	76.4	4862	74.5	5988	81.6
Secondary Histology	3861	5.4	1337	4.7	1048	6.1	1708	7.1	198	3.0	976	13.3
Cytology	9521	13.3	6582	23.2	677	4.0	2297	9.6	1047	16.0	193	2.6
Peripheral Blood	32	0.0	400	1.4	96	0.6	136	0.6	17	0.3	166	2.3
Bone Marrow	6043	8.4	1461	5.2	1222	7.1	1512	6.3	404	6.2	11	0.1
All Microscopic*	71779	100.0	28360	100.0	17092	100.0	23917	100.0	6528	100.0	7334	100.0

Females

Type of Microscopic Diagnosis	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Primary Histology	47404	84.1	29726	86.6	18446	90.0	18328	86.0	6151	84.1	2807	85.5
Secondary Histology	1741	3.1	628	1.8	468	2.3	700	3.3	119	3.1	296	9.0
Cytology	4624	8.2	2932	8.5	860	4.2	1195	5.6	633	8.9	120	3.6
Peripheral Blood	11	0.0	244	0.7	66	0.3	116	0.5	5	0.1	69	2.1
Bone Marrow	2587	4.6	787	2.3	664	3.2	967	4.5	187	4.6	6	0.2
All Microscopic*	56367	100.0	34317	100.0	20504	100.0	21306	100.0	7095	100.0	3298	100.0

* Excludes few cases diagnosed by autopsy.

Fig. 4.2(a): Proportion (%) of Microscopically Diagnosed patients according to specific Microscopic Diagnosis

Males

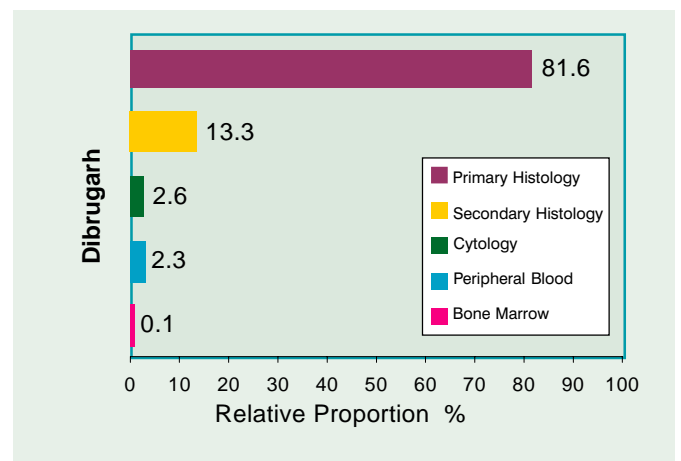
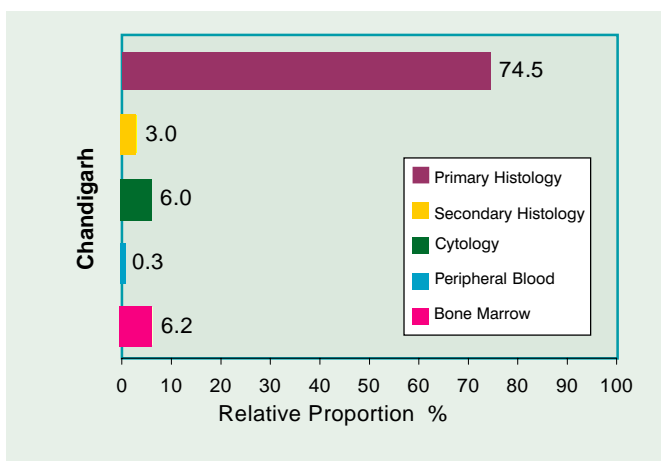
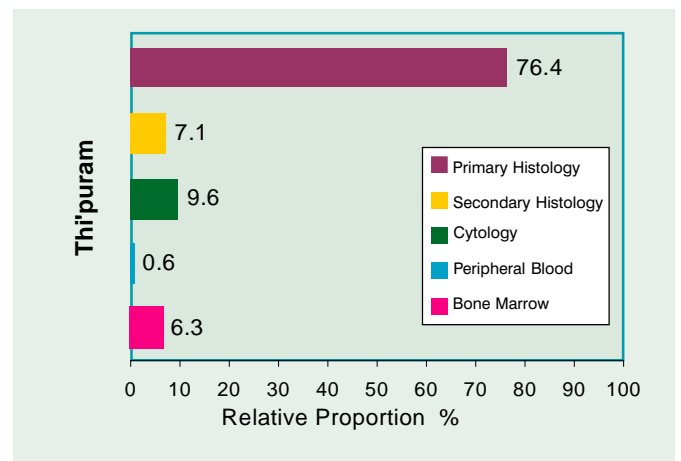
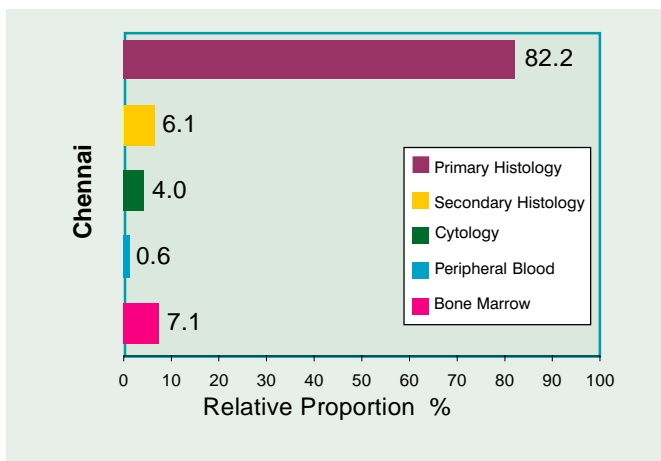
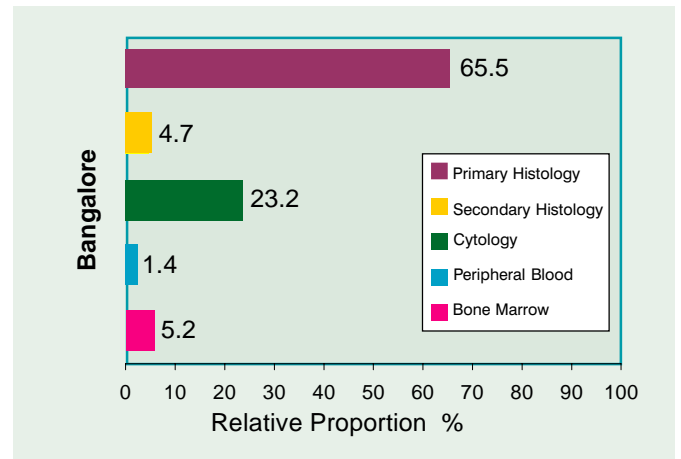
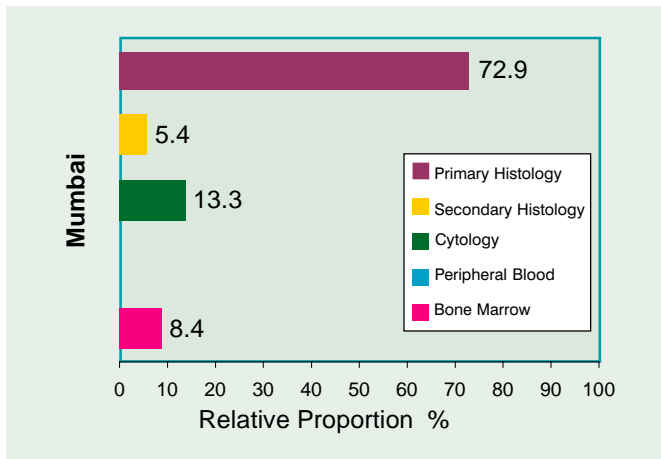


Fig. 4.2(b): Proportion (%) of Microscopically Diagnosed patients according to specific Microscopic Diagnosis

Females

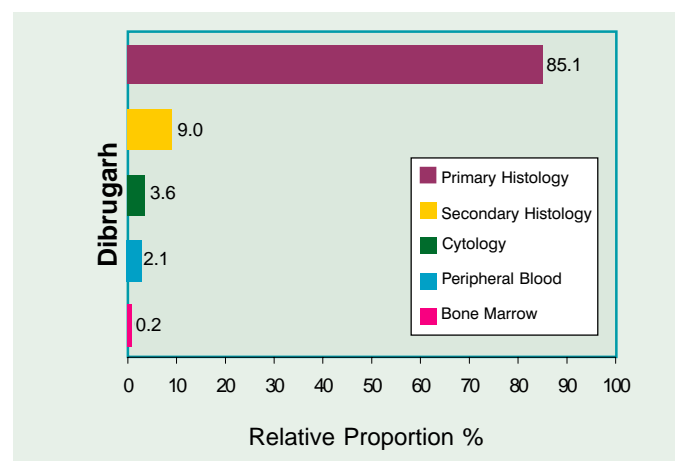
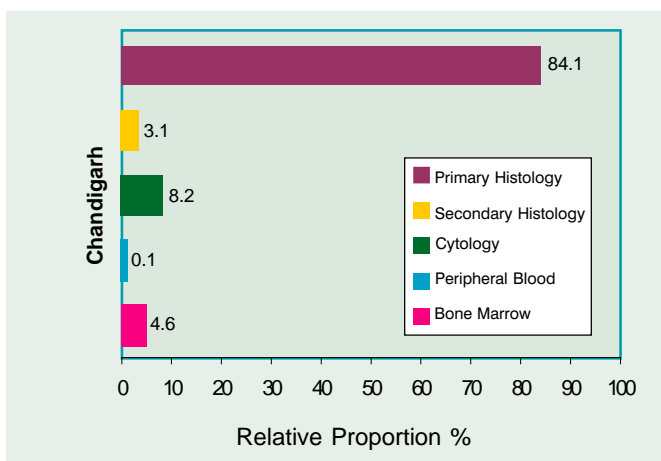
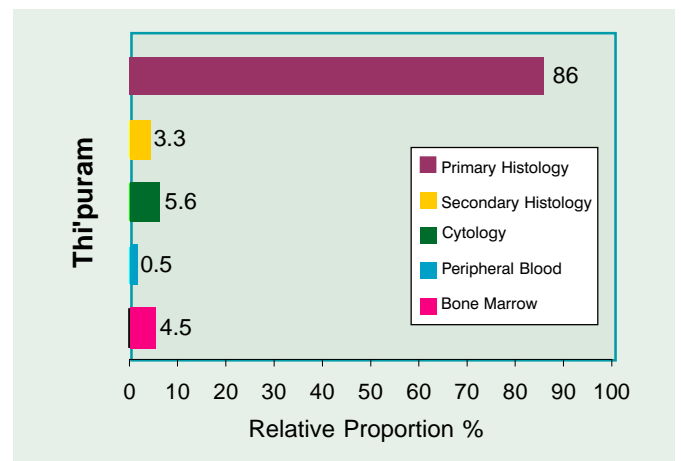
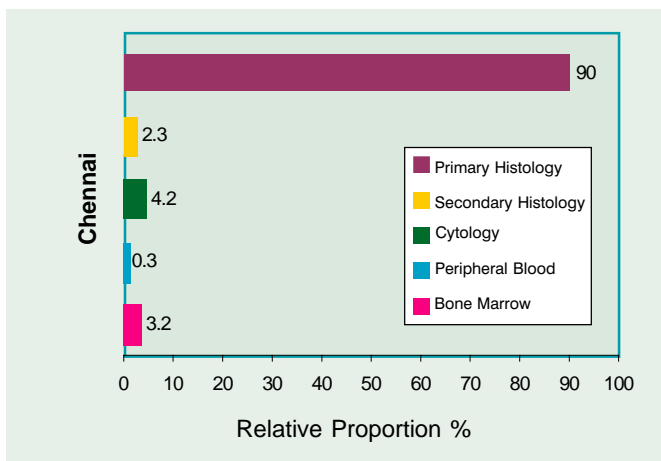
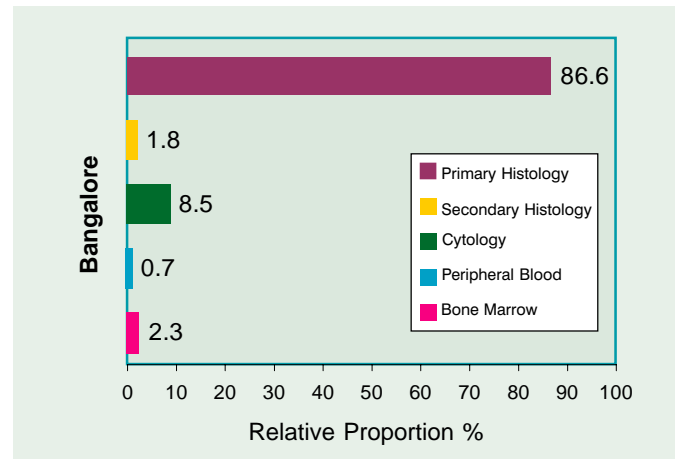
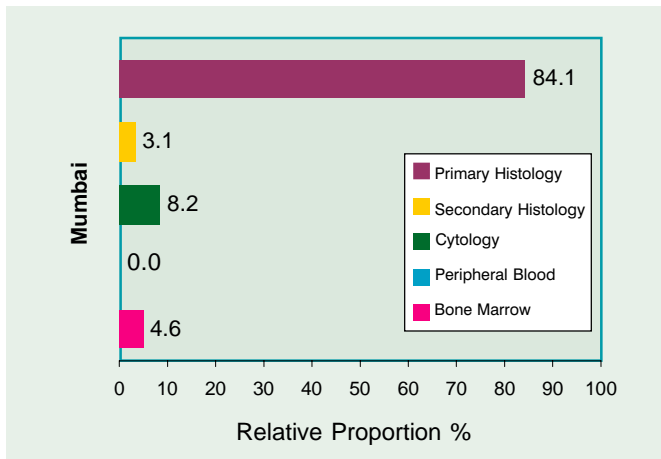


TABLE 4.3: Number (#) & Relative Proportion (%) of Microscopic Diagnosis across different years of diagnosis**Males**

Year of Diagnosis	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
1984	5358	93.3	2132	88.9	1262	61.4	1875	83.5	1126	93.4	713	82.9
1985	6078	93.0	2436	84.7	1453	63.9	1861	83.5	1053	92.1	743	86.8
1986	6461	93.1	2763	89.9	1614	70.4	2056	83.6	1020	93.6	805	86.7
1987	6916	92.5	2804	92.5	1785	70.7	2218	83.9	1144	96.9	754	87.9
1988	7737	93.0	3074	92.7	1917	71.2	2396	86.6	1141	94.6	770	88.0
1989	7884	91.1	3029	90.9	1885	69.1	2220	85.2	1044	96.3	738	89.6
1990	7846	89.2	3037	91.3	1783	68.1	2545	85.8	-	-	722	89.4
1991	8030	90.4	3091	92.5	1788	71.8	2840	87.3	-	-	662	90.2
1992	7858	89.4	3105	93.1	1866	72.6	2864	88.2	-	-	696	90.5
1993	7613	90.0	2889	93.6	1739	74.2	3043	89.7	-	-	732	91.8
1984-1990	71781	91.3	28360	91.1	17092	69.5	23918	86.0	6528	94.5	7335	88.3

* b-value
p-value- 0.49
<0.001[@]+ 0.66
<0.02+ 1.05
<0.01+ 0.68
<0.001+ 0.72
0.10+ 0.79
<0.001**Females**

Year of Diagnosis	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
1984	4534	93.1	2670	92.3	1570	64.1	1654	87.5	1146	93.9	282	83.4
1985	5141	94.1	2930	91.8	1702	63.8	1717	87.6	1219	94.9	304	85.6
1986	5169	93.8	3172	95.2	1866	68.6	1875	89.4	1279	96.5	325	84.4
1987	5465	93.1	3497	96.0	2082	69.7	1939	88.5	1229	97.2	323	83.7
1988	5981	93.5	3717	96.0	2276	73.8	2182	91.1	1160	97.0	359	88.9
1989	5889	90.4	3780	95.4	2272	71.6	1974	90.6	1062	97.2	326	90.6
1990	5900	90.0	3825	95.2	2265	71.8	2227	89.0	-	-	368	90.9
1991	6188	90.5	3571	94.8	2065	71.6	2529	91.2	-	-	302	91.0
1992	6149	88.9	3779	95.1	2181	75.3	2593	92.6	-	-	327	90.3
1993	5953	89.3	3377	95.5	2225	83.2	2616	92.8	-	-	382	93.4
1984-1990	56369	91.5	34318	94.8	20504	71.5	21306	90.3	7095	96.1	3298	88.3

* b-value
p-value- 0.60
<0.001[@]+ 0.28
0.1+ 1.65
<0.001+ 0.56
<0.001+ 0.67
<0.02+ 1.09
<0.001

* = Test of Significance for trend

[@] = significant for declining trend

Chapter 5

CERTAIN ASPECTS IN MANAGEMENT OF THE CANCER PATIENT: ANALYTIC AND NON-ANALYTIC CASES

This chapter gives an overview of the proportion of patients presenting in various states of diagnoses and treatment. It emphasizes the need for distinguishing patients who have been treated elsewhere and those treated only at the reporting hospital/institution.

Cancer patients at any centre present at various stages of diagnoses and treatment.

This could be:

1. Clinical suspicion, to rule out malignancy;
2. Clinical diagnosis, to confirm malignancy;
3. Radiological diagnosis, to confirm malignancy;
4. Confirmed microscopic diagnosis of malignancy, no cancer directed treatment whatsoever; this has to be initiated.
5. Confirmed diagnosis, some form of cancer directed treatment given; further cancer directed treatment required;
6. Confirmed diagnosis, all possible forms of cancer directed treatment given; referred for assessment/pain relief;
7. Confirmed diagnosis, but no cancer directed treatment given, either prior to registration or after.

To know and assess the quantum and quality of diagnosis, separation of the first four categories is required. For purposes of assessing and evaluating stage and treatment it is necessary to separate the last three from those who have come for the first time for cancer directed treatment (first four above). The nature of work-up and type of management could be different in these groups. Therefore, for examining and analysing patient information pertaining to clinical stage and treatment, the data from the Hospital Based Cancer Registries has been categorised into the following groups:

- A. **Prior Treatment Only:** Those patients who have received some or complete cancer directed treatment before registration and have not received any further treatment at the reporting institution. Usually, 'Prior Treatment' refers to treatment had elsewhere, other than the reporting institution, though in some instances (see below) it could be that the patient has re-registered.
- B. **Prior Treatment & Treatment at Reporting Institution:** These are patients who have received cancer directed treatment prior to registration and have received further cancer directed treatment at the reporting institution.
- C. **Treatment Only at Reporting Institution:** Patients who have come for the first time to the reporting institution with or without a confirmed diagnosis of malignancy, have not received any cancer directed treatment earlier and have received cancer directed treatment at the Reporting Institution.
- D. **No Cancer Directed Treatment:** This group includes patients who have either not received or not accepted any cancer directed treatment. It also includes patients who have not completed any form of treatment and where the treatment status is unknown.

The above typifies the main categories of patients at presentation and the data from most centres fall into these. However, some subtle differences in interpretation could exist. There could be patients, who, though newly registered had been diagnosed and treated earlier in the reporting institution or elsewhere. Some registries have coded these cases as 'recurrent cancers' against the item "Clinical Extent of Disease". However, as all of these cases fall under the category 'Prior Treatment Only' or 'Prior Treatment & Treatment at Reporting Institution' these are not separately considered.

Such categorization enables one to obtain a more correct picture of clinical stage at presentation, treatment or type of treatment given and other details including outcome. In order to avoid such mixing up of cases and make the interpretation more meaningful, the standard practice in Hospital Based Cancer Registries is to divide the first two groups (A & B) as 'Non-Analytic cases' and the previously untreated patients in the next two groups (C & D) as 'Analytic Cases' (Young, JL, 1991). The category 'D' where generally patients have not received any form of cancer directed treatment (including those who have received incomplete treatment) is probably peculiar to the Indian set-up as opposed to that of a western country. The reasons as to why a proportion of patients in all the centres go without treatment or at least recorded as such, is for individual registries/centres to determine and is beyond the purview of this report. Similarly, it is possible that some of these patients categorised as 'No Cancer Directed Treatment' go elsewhere to receive treatment.

Before considering the detailed description of the analyses of these groups in the subsequent chapters, an overview of the data under these four categories in the different registries is presented.

Table 5.1 and Figure 5.1 show the number and relative proportions according to these broad groups, in different registries. Overall, 18-23% of patients registered in the hospital cancer registry had received some form of cancer directed treatment or the other with about 50% of these receiving further such treatment

in the reporting institution. On the average, approximately one-third of patients in either sex fall in the category 'No Cancer Directed Treatment'. Thus, the proportion of patients who received cancer directed treatment was less than 50% of all cancer patients registered with the hospital registry and therefore with the institution.

TABLE 5.1: Number(#) & Relative Proportion(%) of cancer patients according to Broad Groups of Treatment(Tmt) at Reporting Institution(RI) and/or elsewhere

Males

Treatment Group	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Prior Tmt. Only	9545	12.1	2245	7.2	4393	17.9	1418	5.1	200	2.9	48	0.6
Prior & Tmt. at RI	8060	10.3	2443	7.9	908	3.7	2274	8.2	339	4.9	277	3.3
Tmt. Only at RI	35432	45.1	14189	45.6	8038	32.7	16671	60.0	4776	69.1	6647	80.0
No CDT*	25551	32.5	12239	39.3	11249	45.7	7445	26.8	1594	23.1	1337	16.1
Total Patients	78588	100.0	31116	100.0	24588	100.0	27808	100.0	6909	100.0	8309	100.0

Females

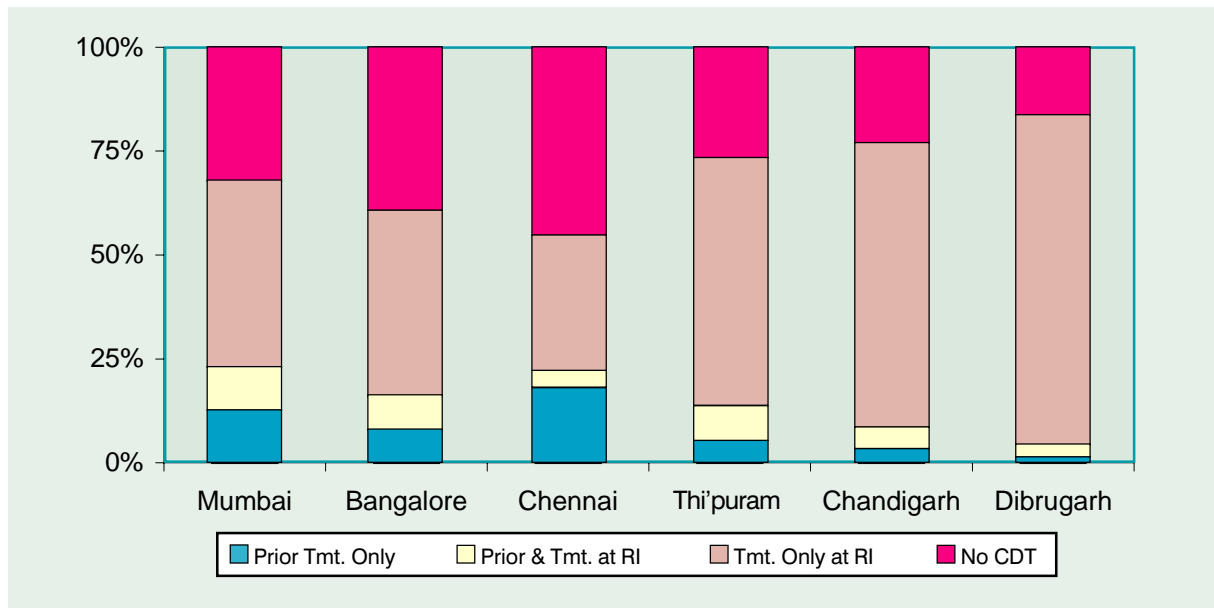
Treatment Group	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Prior Tmt. Only	8737	14.2	2454	6.8	4143	14.4	1761	7.5	269	3.6	35	0.9
Prior & Tmt. at RI	10595	17.2	3426	9.5	1733	6.0	4080	17.3	872	11.8	201	5.4
Tmt. Only at RI	26581	43.1	17004	47.0	11404	39.8	13297	56.3	4667	63.2	2934	78.5
No CDT*	15689	25.5	13304	36.8	11405	39.8	4466	18.9	1575	21.3	566	15.1
Total Patients	61602	100.0	36188	100.0	28685	100.0	23604	100.0	7383	100.0	3736	100.0

* CDT = Cancer Directed Treatment

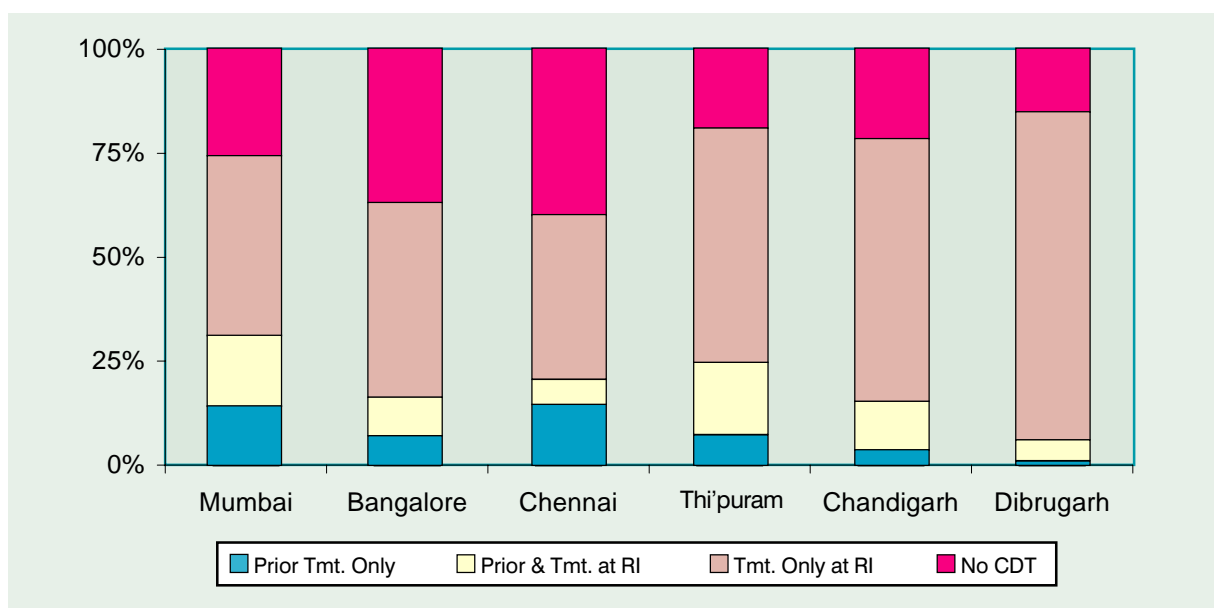
Among individual registries the proportion of patients who received prior cancer directed treatment and registered at the reporting institution but received no further treatment varied from less than one percent among males in Dibrugarh to 17.9 percent among males in Chennai. Similarly, the relative proportion in the second group, viz., those patients who received prior treatment as well as treatment at the reporting institution, also show variation among centres, being low in both males and females in Dibrugarh (3.3% and 5.4% respectively) and fairly high in Mumbai (10.3% and 17.2% in males and females respectively). The relative proportion of patients treated only at the reporting institution is comparatively higher in the centres at Thiruvananthapuram, Chandigarh and Dibrugarh.

Fig. 5.1: Proportion(%) According to Broad Groups of Treatment(Tmt)

Males



Females



RI = Reporting Institution

TABLE 5.2: Total number of cancer patients (Pts) registered, total number of treatment procedures (Proc) performed and procedures/patients ratio

Registry	Males			Females		
	Total Pts.	Total Proc.	Ratio	Total Pts.	Total Proc.	Ratio
Mumbai	78588	56191	0.72	61602	49855	0.81
Bangalore	31116	21441	0.69	36188	26591	0.73
Chennai	24588	10692	0.43	28685	18664	0.65
Thi'puram	27808	23791	0.86	23604	23756	1.01
Chandigarh	6909	7055	1.02	7383	7516	1.02
Dibrugarh	8309	7454	0.90	3736	3601	0.96

While the number of patients registered at a given institution is one measure of the quantum or burden of cancers in that institution, the overall number of treatment procedures, whether surgery, radiotherapy, chemotherapy, etc., is another. Table 5.2 gives the total number of treatment procedures and the total number of patients registered during the same period. The ratio of total procedures to total patients is also shown. This is fairly high in Chandigarh, Dibrugarh and Thiruvananthapuram and relatively lower at Mumbai, Bangalore and Chennai.

While patients registered and total treatment procedures given, is some indication of the patient load, they by no means give the complete picture of the workload of the institution with reference to patient care. Several aspects need to be emphasized here.

First, diagnostic procedures, which constitute a substantial workload has not been considered here. As mentioned earlier, all patients referred to the reporting institution need not be proved to have cancer. Several diagnostic procedures would be done for these patients who eventually may not be diagnosed to have cancer.

Secondly, total treatments refers to newly registered patients of that year and do not take into account treatments given once again to already treated patients during the previous year(s).

Thirdly, it is likely that for various practical difficulties, all registries may not have strictly followed the cut-off date (six months from date of diagnosis) for recording treatment.

Despite the above, the patient procedure ratio, gives some indication of treatments given in different registries.

In summary, the proportion of Analytic Cases relative to all patients registered in the combined data of the HBCRs was 82% among males and 76% in females. Of the Analytic Cases, 59% of males and 62% of females are reported to have received some form of single or combination of cancer directed treatment at the reporting institution.

Chapter 6

ANALYTIC CASES I: CLINICAL EXTENT OF DISEASE AT PRESENTATION

The proportion of patients presenting at various clinical stages is shown in this Chapter. Clinical stage or extent of disease at presentation of cancer is directly related to the type and effectiveness of treatment and along with survival data represents the acuteness of the cancer problem. This is one of the most important baseline indicators for initiating cancer control activity in the area and the success of any education and early detection programmes in the area will be reflected in changes in proportions of stage of presentation of relevant sites of cancer.

From the discussion in the preceding chapter, in examining clinical stage at presentation patients who have undergone previous treatment have to be excluded. Thus the number and relative proportions of patients in different clinical stages at presentation given below, includes the 'Analytic Cases' - Group C (Patients who received treatment at Reporting Institution only) and Group D (Patients under the category No Cancer Directed Treatment). It excludes the 'Non-Analytic Cases', which consists of the broad treatment groups - Group A (Patients who received Prior Treatment Only) and Group B (Patients who received Prior Treatment and Treatment at Reporting Institution).

Table 6.1 and Figure 6.1 give the number and relative proportion of cancer patients in various clinical stages of disease presenting at the time of registering at the reporting institution. The relative proportion of patients presenting with localised disease varies from 5.1 percent in males in Chennai to 24.3 percent among males in Dibrugarh. Similarly, the relative proportion of patients presenting with distant metastases and/or advanced disease varies from 8.9 percent among males in Dibrugarh to 18.1 percent of males in Bangalore. The overall figures of all registries suggest that, on an average, 17.4 percent of male patients and about 14.9 percent of female patients present at an early stage of cancer when the disease is localised. Almost 50 (48.3%) percent of males and another one-third (62.6%) of females have disease that has extended or spread to beyond the local site of cancer but is not advanced or spread to the distant areas of the body. Over 16 percent of males and nearly 13 (12.7%) percent of females present with fairly advanced cancer. The proportions under the category 'Others' mainly refers to Lymphomas and Leukaemias, which are generally not staged according to the above system.

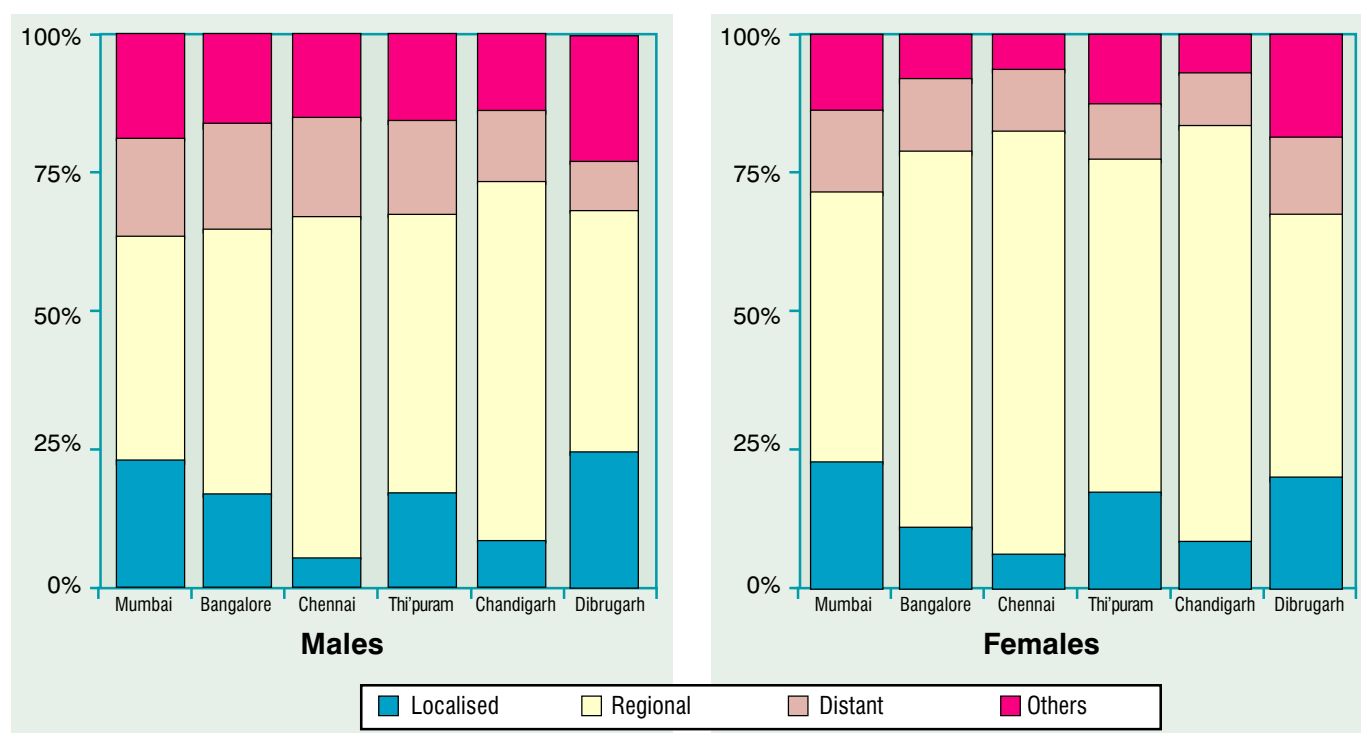
The variation in the relative proportion of cancers by clinical extent of disease over the ten-year time period 1984-93 was examined for each registry as well as for data of all registries combined. Overall a slight fall in the proportion of cancers presenting with advanced (distant) disease was found, but generally no specific steady trend in any particular direction was observed.

TABLE 6.1: Number(#) and Relative Proportion(%) of patients according to Clinical Extent of Disease (Excludes Patients Previously Treated)**Males**

Registry	Localised		Regional		Distant		Others		Unknown		All Stages	
	#	%	#	%	#	%	#	%	#	%	#	%
Mumbai	13644	22.4	25388	41.6	10256	16.8	10532	17.3	1163	1.9	60983	100.0
Bangalore	4141	15.7	12952	49.0	4796	18.1	3689	14.0	850	3.2	26428	100.0
Chennai	986	5.1	11915	61.8	3433	17.8	2108	10.9	845	4.4	19287	100.0
Thi'puram	4046	16.8	12171	50.5	3969	16.5	2809	11.6	1121	4.6	24116	100.0
Chandigarh	500	7.8	4175	65.5	764	12.0	897	14.1	34	0.5	6370	100.0
Dibrugarh	1938	24.3	3459	43.3	712	8.9	1266	15.9	609	7.6	7984	100.0

Females

Registry	Localised		Regional		Distant		Others		Unknown		All Stages	
	#	%	#	%	#	%	#	%	#	%	#	%
Mumbai	9626	22.8	20878	49.4	6366	15.1	4622	10.9	778	1.8	42270	100.0
Bangalore	3206	10.6	20955	69.1	3905	12.9	1819	6.0	423	1.4	30308	100.0
Chennai	1279	5.6	17801	78.0	2375	10.4	1005	4.4	349	1.5	22809	100.0
Thi'puram	3021	17.0	10816	60.9	1820	10.2	1525	8.6	581	3.3	17763	100.0
Chandigarh	508	8.1	4747	76.0	609	9.8	362	5.8	16	0.3	6242	100.0
Dibrugarh	692	19.8	1681	48.0	502	14.3	464	13.3	161	4.6	3500	100.0

Fig. 6.1: Proportion of Patients According to Clinical Extent of Disease

Chapter 7

ANALYTIC CASES II: TREATMENT ONLY AT REPORTING INSTITUTION

This chapter gives the details of treatment at the reporting institution. This is for patients who have not received treatment earlier. The types of treatment and their proportions have been tabulated. They give an idea of the forms of treatment pursued in a given institution based on which the costs and outcome can be worked out.

This category is by far the most important of the broad treatment groups, since it best represents the contribution to the treatment aspect of patient care of a given registry/institution. This chapter gives an overview of all the sites of cancer combined, but it has to be emphasised that this would be more meaningful and interesting when these same tables are examined separately for individual sites. As examples, oral cancers, cancer cervix and female breast cancer are discussed in the subsequent chapters.

The first table (Table 7.1) gives an overview of the number of patients treated during the period and the total number of treatment procedures instituted. Unlike the previous table (Table 5.2) on the same aspect, all patients counted here, have received one or more forms of cancer directed treatment. Thus, the procedure/patient ratio gives a better picture of the treatment(s) received by a given patient in an institution. As may be observed these ratios are indeed comparable between registries, except for the slightly lower ratio seen at Dibrugarh. Table 7.1 is further diagrammatically represented in Figure 7.1.

TYPES OF TREATMENT

Table 7.2 and corresponding figures (figures 7.2 & 7.3) give the numbers and relative proportions of cancer patients according to type of specific treatment given, whether only one type of treatment has been given (Single Modality Therapy) or more than one type of treatment (Combination Therapy) has been given. It also gives the overall number and relative proportion of any treatment with reference to the total patients treated.

TABLE 7.1: Total number of cancer patients (Pts) registered, total number of treatment procedures (Proc) performed and procedures/patients ratio

Registry	Males			Females		
	Total Pts.	Total Proc.	Ratio	Total Pts.	Total Proc.	Ratio
Mumbai	35432	45873	1.29	26581	35443	1.33
Bangalore	14189	18386	1.30	17004	21537	1.27
Chennai	8038	9604	1.19	11404	15554	1.36
Thi'puram	16671	21153	1.27	13297	18067	1.36
Chandigarh	4776	6603	1.38	4667	6393	1.37
Dibrugarh	6647	7131	1.07	2934	3368	1.15

Fig. 7.1: Procedure - Patient Ratio (Patients Treated only at Reporting Institution)

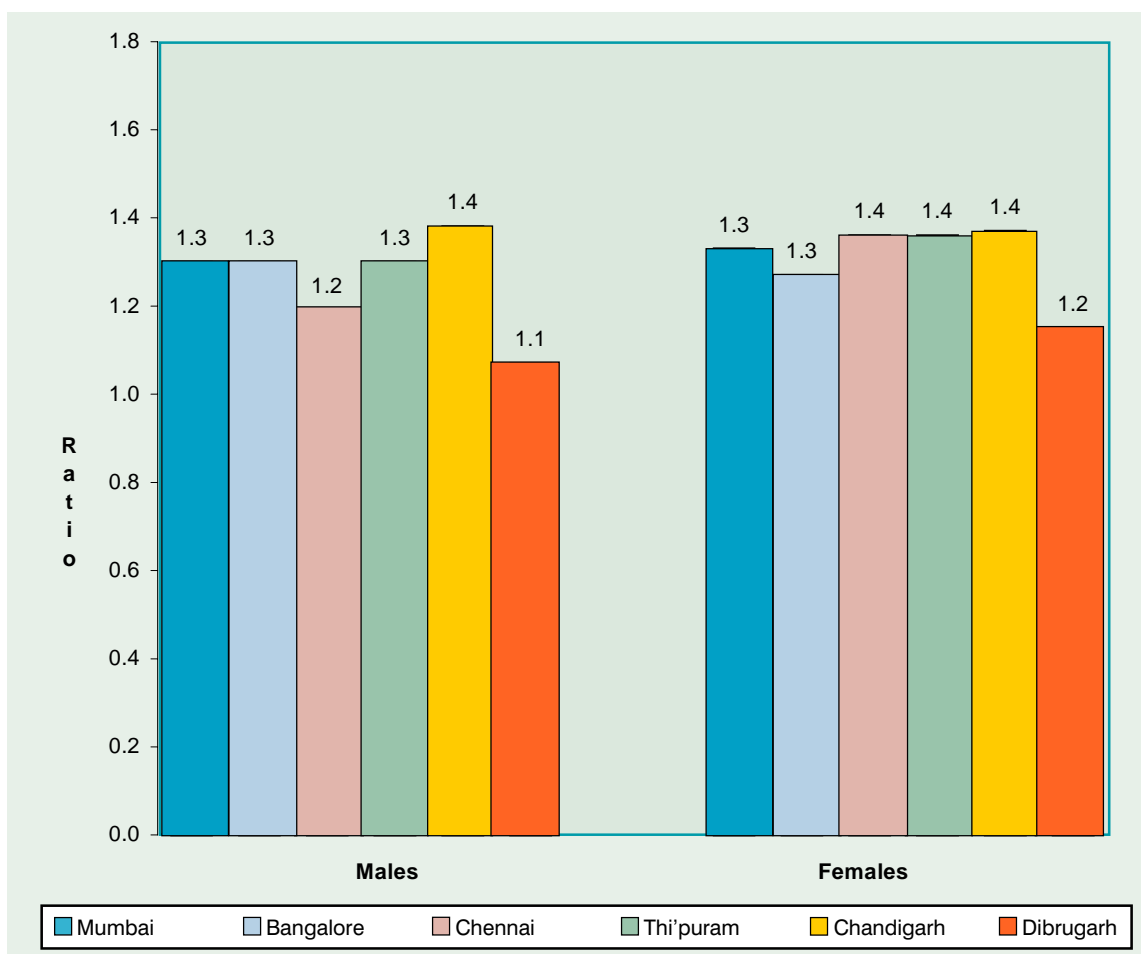


TABLE 7.2: Number (#) & Relative Proportion (%) of patients according to Type of Treatment given**Males**

Type of Treatment	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Total Patients	35432	100.0	14189	100.0	8038	100.0	16671	100.0	4776	100.0	6647	100.0
Specific Treatments												
Surgery(S)	6505	18.4	1034	7.3	581	7.2	1815	10.9	662	13.9	600	9.0
Radiotherapy(R)	12938	36.5	5951	41.9	4588	57.1	8399	50.4	1850	38.7	4965	74.7
Chemotherapy(C)	5924	16.7	3189	22.5	1393	17.3	2058	12.3	607	12.7	610	9.2
S + R	3421	9.7	746	5.3	338	4.2	1085	6.5	725	15.2	226	3.4
S + C	1243	3.5	338	2.4	177	2.2	303	1.8	163	3.4	104	1.6
R + C	4690	13.2	1784	12.6	848	10.5	2460	14.8	472	9.9	122	1.8
S + R + C	499	1.4	182	1.3	92	1.1	230	1.4	186	3.9	9	0.1
Others	212	0.6	965	6.8	21	0.3	321	1.9	111	2.3	11	0.2
Modality of therapy*												
Single	25367	71.6	10174	71.7	6562	81.6	12272	73.6	3119	65.3	6175	92.9
Combination	9853	27.8	3050	21.5	1455	18.1	4078	24.5	1546	32.4	461	6.9
Type of Any Treatment*												
Any Surgery	11706	33.0	2356	16.6	1197	14.9	3515	21.1	1786	37.4	943	14.2
Any R	21579	60.9	8841	62.3	5874	73.1	12242	73.4	3275	68.6	5326	80.1
Any C	12376	34.9	6224	43.9	2512	31.3	5075	30.4	1431	30.0	851	12.8

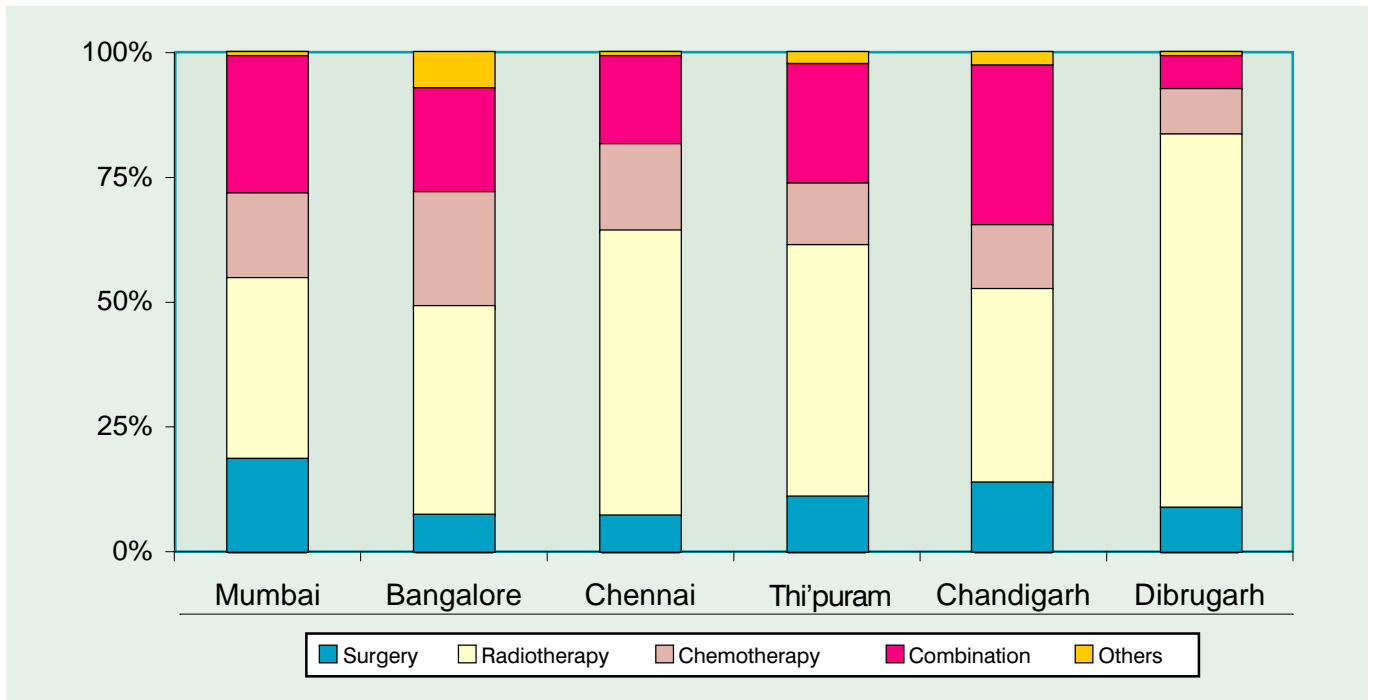
Females

Type of Treatment	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Total Patients	26581	100.0	17004	100.0	11404	100.0	13297	100.0	4667	100.0	2934	100.0
Specific Treatments												
Surgery(S)	4885	18.4	780	4.6	280	2.5	1835	13.8	440	9.4	493	16.8
Radiotherapy(R)	11319	42.6	10323	60.7	7193	63.1	6391	48.1	2523	54.1	1757	59.9
Chemotherapy(C)	2876	10.8	2193	12.9	933	8.2	1188	8.9	345	7.4	266	9.1
S + R	2384	9.0	807	4.7	301	2.6	1134	8.5	596	12.8	229	7.8
S + C	1526	5.7	382	2.2	119	1.0	349	2.6	132	2.8	119	4.1
R + C	1667	6.3	1114	6.6	1298	11.4	1163	8.7	192	4.1	52	1.8
S + R + C	779	2.9	505	3.0	465	4.1	478	3.6	227	4.9	13	0.4
Others	1145	4.3	900	5.3	815	7.1	759	5.7	212	4.5	5	0.2
Modality of therapy*												
Single	19080	71.8	13296	78.2	8406	73.7	9414	70.8	3308	70.9	2516	85.8
Combination	6356	23.9	2808	16.5	2183	19.1	3124	23.5	1147	24.6	413	14.1
Type of Any Treatment*												
Any Surgery	10482	39.4	2856	16.8	1483	13.0	4343	32.7	1527	32.7	858	29.2
Any R	16515	62.1	13120	77.2	9835	86.2	9662	72.7	3664	78.5	2055	70.0
Any C	7301	27.5	4661	27.4	3421	30.0	3303	24.8	990	21.2	450	15.3

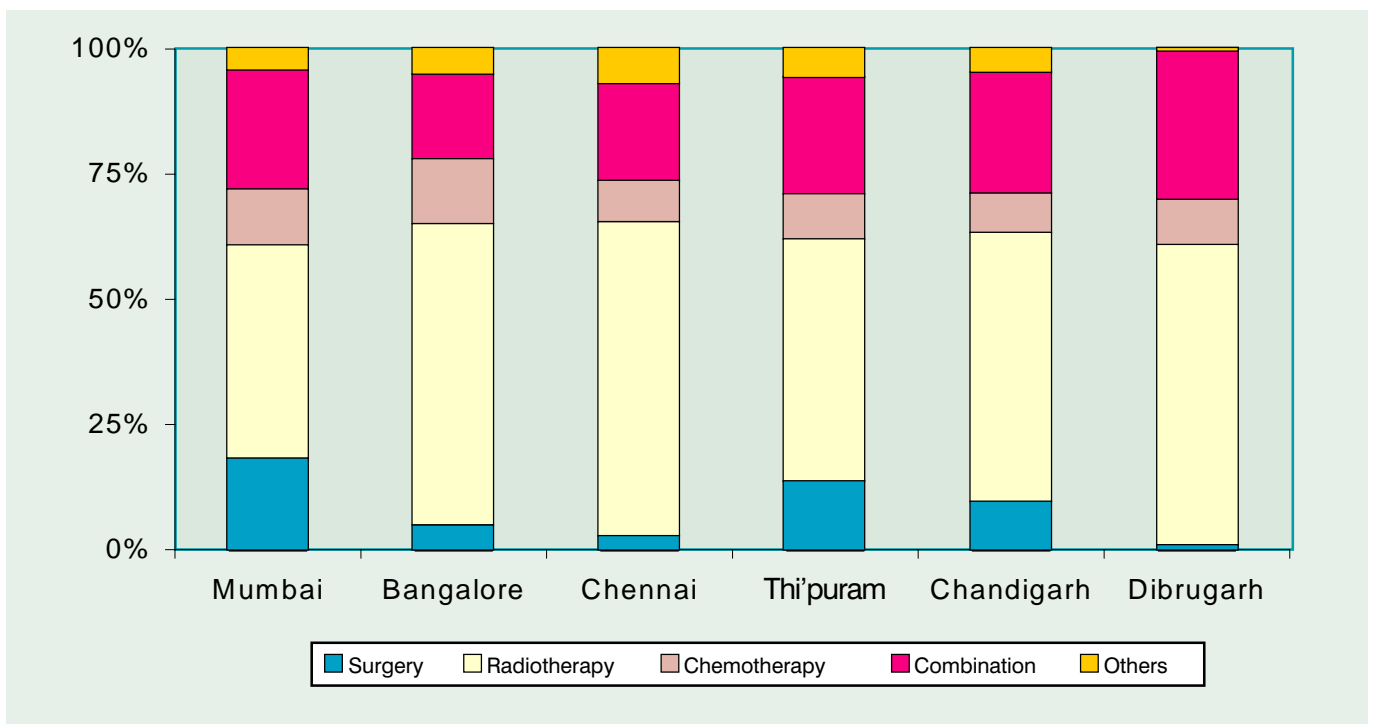
* Excludes specific treatment classified as 'Others'

**Fig. 7.2: Proportion of Types of Treatment
(Patients Treated Only at Reporting Institution)**

Males



Females



Radiotherapy alone or in combination with other modalities was the predominant form of treatment in either sex. About 25% of patients received chemotherapy alone or in combination. A similar proportion received surgery alone or in combination. About half the patients who received surgery or chemotherapy received it as part of combination therapy.

The single and also predominant form of therapy received by patients at any centre is radiotherapy, which however varies in relative proportion from 36.5% in males in Mumbai and 38.7% in males in Chandigarh to 63.1 percent in females in Chennai and 74.7 percent in males in Dibrugarh. Similarly the relative proportion of patients who received only surgery as a form of treatment was highest in Mumbai (18.4%) in either sex though Dibrugarh also shows a similar figure (16.8%) in females. Bangalore had the highest relative proportion of patients receiving chemotherapy only (22.5% in males & 12.9% in females). Chandigarh males also had the highest proportion of patients receiving combination therapy (32.4%) followed by relatively higher proportions in Mumbai as well (27.8% in males and 23.9% in females), whereas Dibrugarh had the lowest proportion of patients receiving combination therapy (6.9% and 14.1% in males and females respectively).

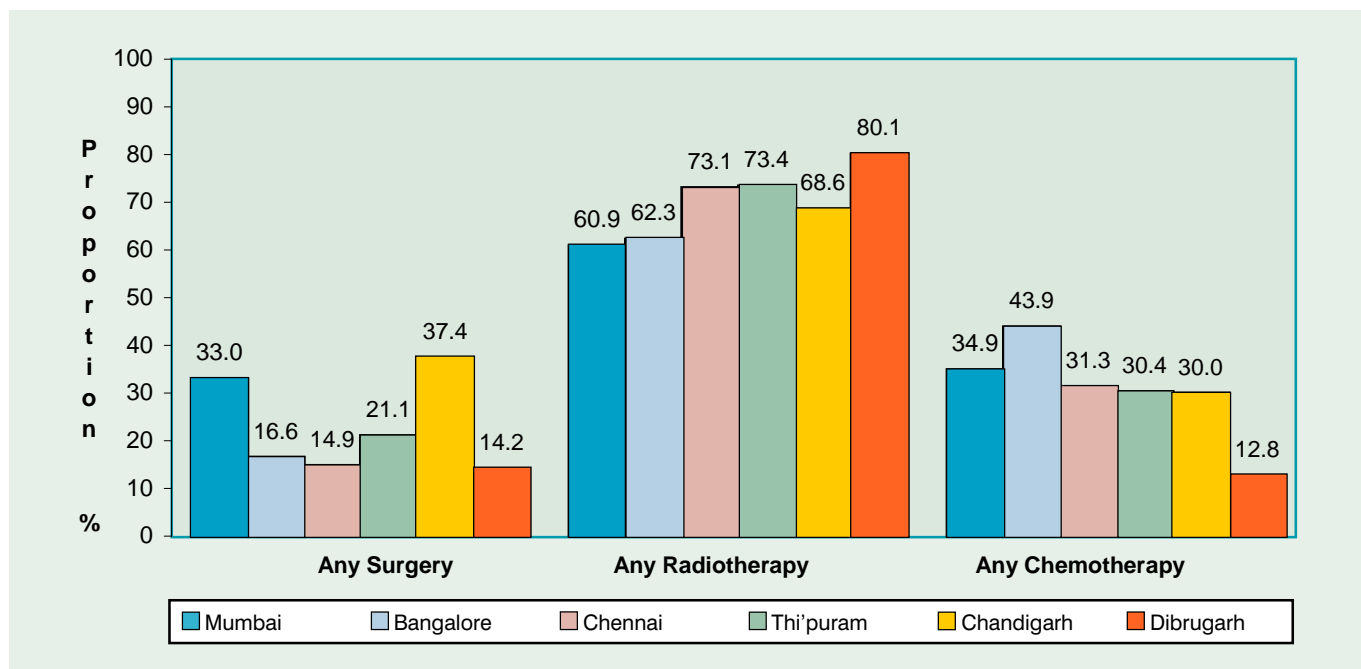
The above provides an idea of the types of treatment given relative to all patients treated. If an example of cancer of the oral cavity is considered, nearly 50% of males and over 60% of female patients in Mumbai have undergone surgery alone or in combination with other types of treatment. In other registries this proportion of patients who have undergone such surgical treatment is lower.

The patterns of treatment followed by different centres can also be observed from Table 7.3 wherein the number and proportion of any given procedure singly and in combination relative to total number of treatment procedures is considered. In other words the numerator denotes the total number of patients having received a particular form of treatment and the denominator denotes the total of such procedures for all patients.

Surgery constitutes over a quarter of all procedures in either sex in Mumbai, whereas this is comparatively lower in males at other centres, except Chandigarh and also among females in Bangalore and Chennai. The relative proportion of patients who received 'Any Radiotherapy' among males was high at Dibrugarh compared to other centres. There are a corresponding lower relative proportion of patients who have received 'Any Chemotherapy' in Dibrugarh compared to the high of 33.9% in Bangalore males.

Fig. 7.3: Proportion of Specific Treatments (Patients Treated only at Reporting Institution)

Males



Females

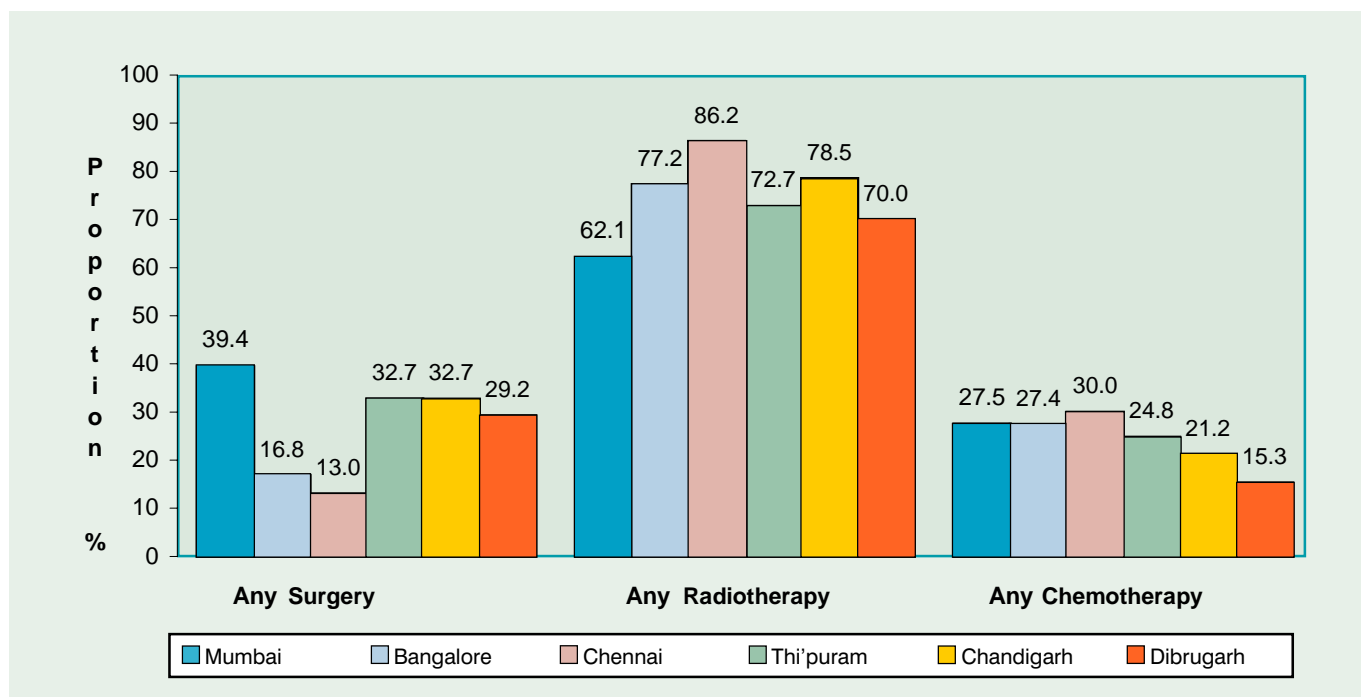


TABLE 7.3: Number (#) and Proportion (%) of cancer patients according to Any Specific Treatment at Reporting Institution relative to All Treatment procedures (Proced.)

	Any Surgery		Any Radiotherapy		Any Chemotherapy		Any Others		Total
	#	%	#	%	#	%	#	%	Proced.
MALES									
Mumbai	11706	25.5	21579	47.0	12376	27.0	212	0.5	45873
Bangalore	2356	12.8	8841	48.1	6224	33.9	965	5.2	18386
Chennai	1197	12.5	5874	61.2	2512	26.2	21	0.2	9604
Thi'puram	3515	16.6	12242	57.9	5075	24.0	321	1.5	21153
Chandigarh	1786	27.0	3275	49.6	1431	21.7	111	1.7	6603
Dibrugarh	943	13.2	5326	74.7	851	11.9	11	0.2	7131
FEMALES									
Mumbai	10482	29.6	16515	46.6	7301	20.6	1145	3.2	35443
Bangalore	2856	13.3	13120	60.9	4661	21.6	900	4.2	21537
Chennai	1483	9.5	9835	63.2	3421	22.0	815	5.2	15554
Thi'puram	4343	24.0	9662	53.5	3303	18.3	759	4.2	18067
Chandigarh	1527	23.9	3664	57.3	990	15.5	212	3.3	6393
Dibrugarh	858	25.5	2055	61.0	450	13.4	5	0.1	3368

Type of Treatment and Clinical Extent of Disease

Depending on the site of cancer, the type of treatment and/or combinations of treatments given, could vary with the clinical extent of disease. In order to observe whether such differences exist, the relative proportions of the various types of treatments and also the proportion of patients that were given any of the main treatments, viz., surgery, radiotherapy, chemotherapy were examined and these are shown in Tables 7.4 and 7.5 with corresponding figures 7.4 and 7.5. The overall type of treatment for all sites of cancer according to the clinical extent of disease is given here. ***These proportions and comparisons become more meaningful when individual sites of cancer are considered separately.***

The relative proportion of patients who undergo only surgery is highest in all the centres (except Dibrugarh) when the disease was localised, much less, when the cancer was thought to have spread to the regional nodes/organs and almost negligible (as could be expected) with advanced disease. Radiotherapy was the predominant mode of treatment when the disease was localised and more so when the clinical extent was stated as 'Regional'. The graphs and tables when the clinical extent of disease was stated as 'Distant' and 'Other' show that chemotherapy is the predominant mode of treatment in these groups.

There was not much variation in the relative proportions of patients receiving single or combination therapy when observed according to clinical extent of disease by sex or registry wise.

TABLE 7.4 (a): Number(#) & Relative Proportion(%) of types of treatment according to Clinical Extent of Disease**Males**

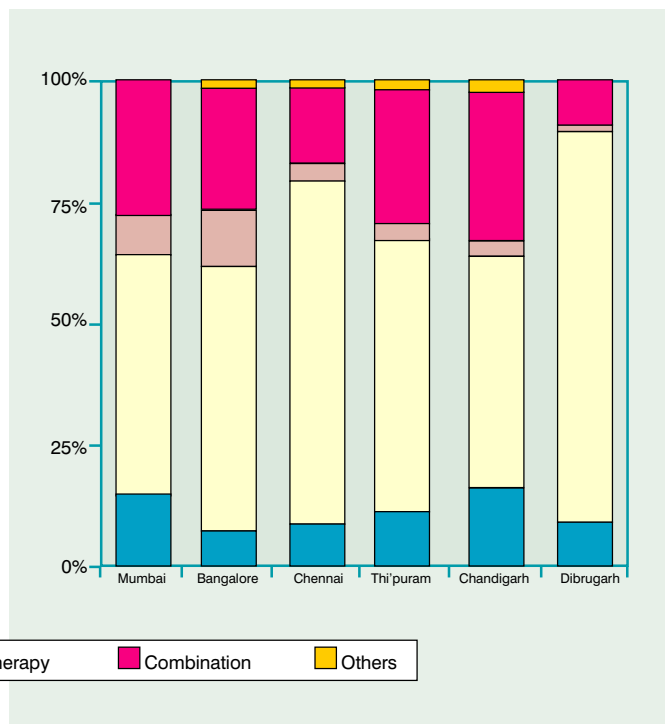
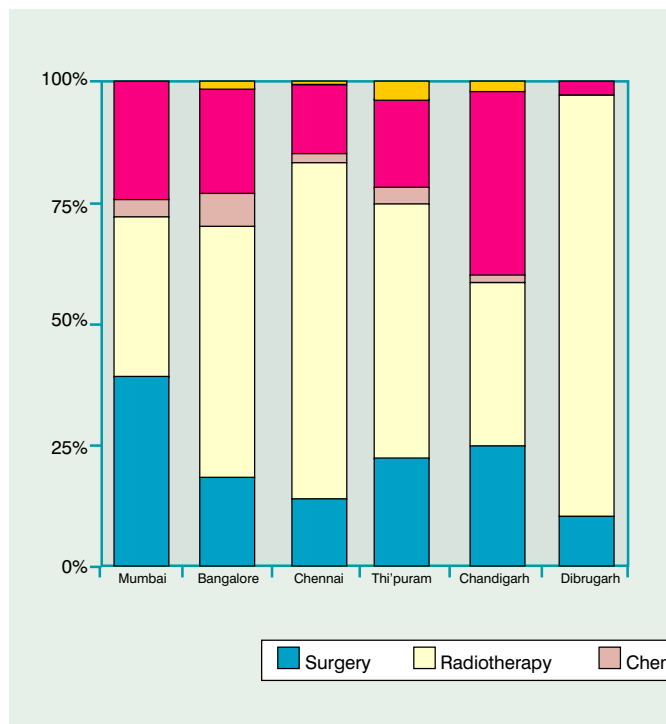
Clinical Extent	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Localised												
Surgery(S)	3918	39.8	406	18.3	87	13.4	654	22.2	102	24.7	175	10.0
Radiotherapy(R)	3268	33.2	1154	51.9	453	70.0	1546	52.5	139	33.7	1523	86.8
Chemotherapy(C)	333	3.4	153	6.9	10	1.5	95	3.2	6	1.5	9	0.5
S + R	949	9.7	179	8.0	23	3.6	224	7.6	103	24.9	20	1.1
S + C	609	6.2	84	3.8	28	4.3	57	1.9	18	4.4	13	0.7
R + C	583	5.9	182	8.2	34	5.3	236	8.0	7	1.7	14	0.8
S + R + C	157	1.6	39	1.8	11	1.7	30	1.0	31	7.5	0	0.0
Others	15	0.2	27	1.2	1	0.2	105	3.6	7	1.7	1	0.1
ALL TREATMENTS	9832	100.0	2224	100.0	647	100.0	2947	100.0	413	100.0	1755	100.0
Regional												
Surgery(S)	2360	14.7	525	7.1	464	8.5	1003	11.3	506	16.1	268	8.9
Radiotherapy(R)	7954	49.6	4019	54.6	3884	70.8	4981	55.9	1504	47.8	2424	80.9
Chemotherapy(C)	1299	8.1	858	11.7	211	3.8	302	3.4	100	3.2	32	1.1
S + R	2246	14.0	505	6.9	304	5.5	767	8.6	592	18.8	160	5.3
S + C	446	2.8	198	2.7	124	2.3	173	1.9	92	2.9	56	1.9
R + C	1437	9.0	1060	14.4	408	7.4	1385	15.5	161	5.1	48	1.6
S + R + C	254	1.6	120	1.6	77	1.4	174	2.0	122	3.9	4	0.1
Others	51	0.3	73	1.0	16	0.3	126	1.4	72	2.3	6	0.2
ALL TREATMENTS	16047	100.0	7358	100.0	5488	100.0	8911	100.0	3149	100.0	2998	100.0
Distant												
Surgery(S)	144	4.1	72	3.7	27	6.3	106	4.6	50	10.8	108	22.5
Radiotherapy(R)	1174	33.8	491	25.1	107	24.8	1405	61.4	176	38.1	156	32.4
Chemotherapy(C)	1183	34.0	930	47.5	226	52.3	309	13.5	73	15.8	164	34.1
S + R	137	3.9	37	1.9	10	2.3	64	2.8	24	5.2	16	3.3
S + C	126	3.6	39	2.0	15	3.5	32	1.4	34	7.4	19	4.0
R + C	538	15.5	233	11.9	41	9.5	297	13.0	59	12.8	12	2.5
S + R + C	31	0.9	17	0.9	2	0.5	16	0.7	14	3.0	3	0.6
Others	142	4.1	139	7.1	4	0.9	61	2.7	32	6.9	3	0.6
ALL TREATMENTS	3475	100.0	1958	100.0	432	100.0	2290	100.0	462	100.0	481	100.0
Others												
Surgery(S)	60	1.0	12	0.5	1	0.1	18	0.9	3	0.4	46	5.0
Radiotherapy(R)	418	7.1	206	8.6	37	2.8	162	8.1	27	3.6	432	47.0
Chemotherapy(C)	3109	52.6	1163	48.3	909	69.1	1263	63.1	425	57.2	361	39.3
S + R	70	1.2	12	0.5	0	0.0	7	0.3	6	0.8	21	2.3
S + C	62	1.0	14	0.6	9	0.7	34	1.7	19	2.6	15	1.6
R + C	2131	36.1	283	11.8	357	27.1	483	24.1	244	32.8	42	4.6
S + R + C	57	1.0	2	0.1	2	0.2	9	0.4	19	2.6	1	0.1
Others	4	0.1	714	29.7	0	0.0	26	1.3	0	0.0	1	0.1
ALL TREATMENTS	5911	100.0	2406	100.0	1315	100.0	2002	100.0	743	100.0	919	100.0

Fig. 7.4(a): Proportion of Types of Treatment According to Clinical Extent of Disease (Patients treated only at Reporting Institution)

Males

Localised

Regional



Distant

Others

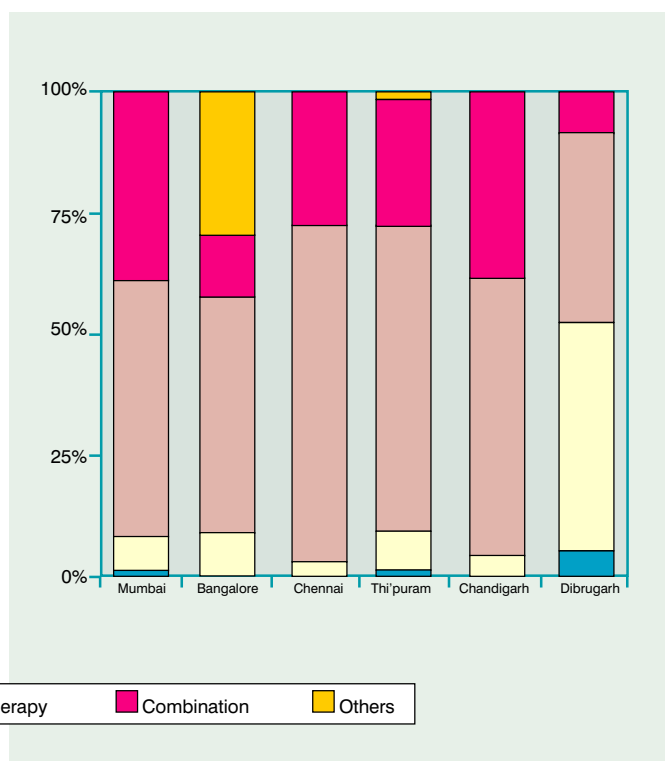
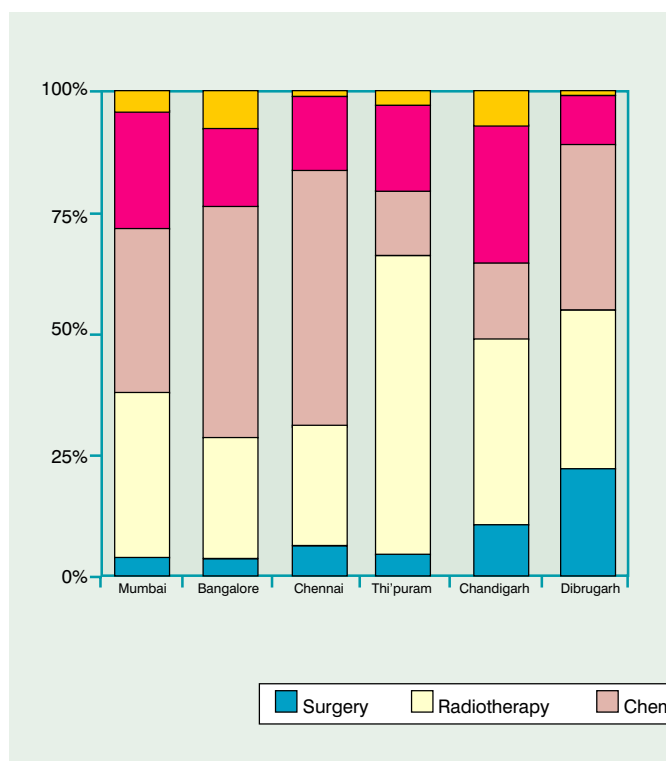


TABLE 7.4 (b): Number(#) & Relative Proportion(%) of types of treatment according to Clinical Extent of Disease**Females**

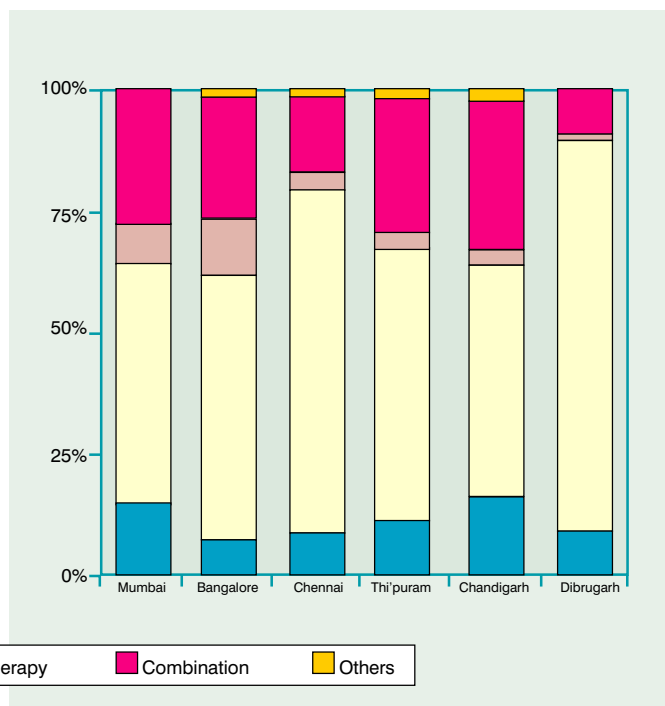
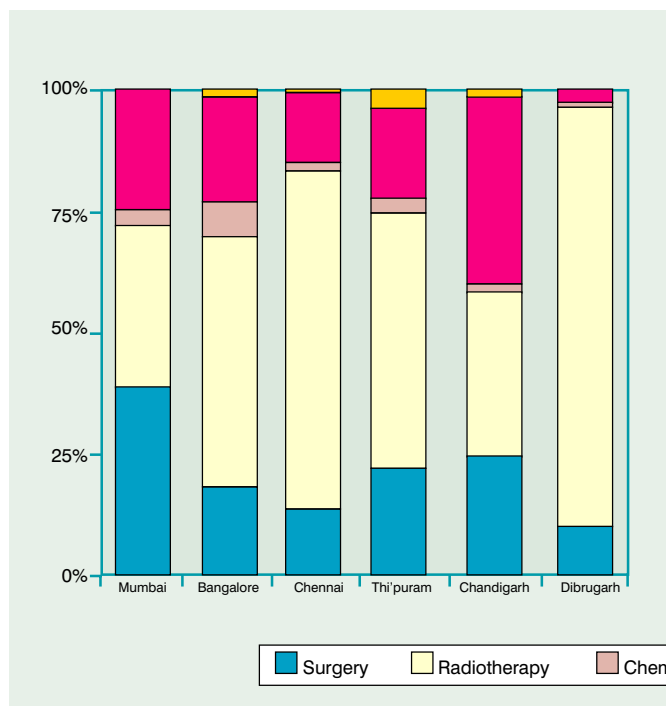
Clinical Extent	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Localised												
Surgery(S)	3282	44.4	317	16.6	63	6.6	760	31.5	81	19.0	134	21.4
Radiotherapy(R)	1820	24.6	853	44.8	632	66.5	1013	41.9	143	33.6	452	72.1
Chemotherapy(C)	126	1.7	103	5.4	16	1.7	52	2.2	1	0.2	3	0.5
S + R	1060	14.3	248	13.0	102	10.7	267	11.1	149	35.0	28	4.5
S + C	406	5.5	72	3.8	20	2.1	56	2.3	10	2.3	4	0.6
R + C	227	3.1	108	5.7	36	3.8	109	4.5	3	0.7	4	0.6
S + R + C	171	2.3	108	5.7	25	2.6	38	1.6	28	6.6	1	0.2
Others	299	4.0	96	5.0	57	6.0	120	5.0	11	2.6	1	0.2
ALL TREATMENTS	7391	100.0	1905	100.0	951	100.0	2415	100.0	426	100.0	627	100.0
Regional												
Surgery(S)	1384	9.5	382	3.1	205	2.2	966	11.4	308	8.6	254	17.0
Radiotherapy(R)	8753	60.1	8816	71.1	6433	69.6	4772	56.2	2290	63.7	959	64.3
Chemotherapy(C)	564	3.9	935	7.5	261	2.8	192	2.3	79	2.2	17	1.1
S + R	1235	8.5	518	4.2	192	2.1	801	9.4	432	12.0	165	11.1
S + C	851	5.8	232	1.9	91	1.0	216	2.5	94	2.6	63	4.2
R + C	529	3.6	803	6.5	1063	11.5	664	7.8	72	2.0	19	1.3
S + R + C	566	3.9	371	3.0	434	4.7	390	4.6	185	5.1	11	0.7
Others	682	4.7	335	2.7	570	6.2	486	5.7	136	3.8	3	0.2
ALL TREATMENTS	14564	100.0	12392	100.0	9249	100.0	8487	100.0	3596	100.0	1491	100.0
Distant												
Surgery(S)	137	6.1	63	4.3	12	2.1	74	6.8	46	13.7	83	23.5
Radiotherapy(R)	555	24.7	431	29.6	75	13.4	428	39.4	72	21.5	102	28.9
Chemotherapy(C)	888	39.5	560	38.5	189	33.7	185	17.1	78	23.3	94	26.6
S + R	56	2.5	35	2.4	5	0.9	50	4.6	12	3.6	13	3.7
S + C	248	11.0	66	4.5	5	0.9	59	5.4	24	7.2	45	12.7
R + C	180	8.0	88	6.0	82	14.6	114	10.5	26	7.8	15	4.2
S + R + C	25	1.1	21	1.4	6	1.1	45	4.1	12	3.6	0	0.0
Others	161	7.2	191	13.1	187	33.3	130	12.0	65	19.4	1	0.3
ALL TREATMENTS	2250	100.0	1455	100.0	561	100.0	1085	100.0	335	100.0	353	100.0
Others												
Surgery(S)	57	2.5	10	0.9	0	0.0	19	1.8	3	1.0	20	5.8
Radiotherapy(R)	140	6.1	172	15.2	21	3.7	59	5.7	18	5.9	153	44.7
Chemotherapy(C)	1298	56.8	563	49.7	432	75.4	669	65.0	185	60.5	129	37.7
S + R	18	0.8	3	0.3	1	0.2	4	0.4	3	1.0	20	5.8
S + C	21	0.9	9	0.8	3	0.5	11	1.1	4	1.3	5	1.5
R + C	731	32.0	105	9.3	116	20.2	246	23.9	91	29.7	14	4.1
S + R + C	17	0.7	2	0.2	0	0.0	5	0.5	2	0.7	1	0.3
Others	2	0.1	269	23.7	0	0.0	17	1.7	0	0.0	0	0.0
ALL TREATMENTS	2284	100.0	1133	100.0	573	100.0	1030	100.0	306	100.0	342	100.0

Fig. 7.4(b): Proportion of Different Types of Treatment According to Clinical Extent of Disease (Patients treated only at Reporting Institution)

Females

Localised

Regional



Distant

Others

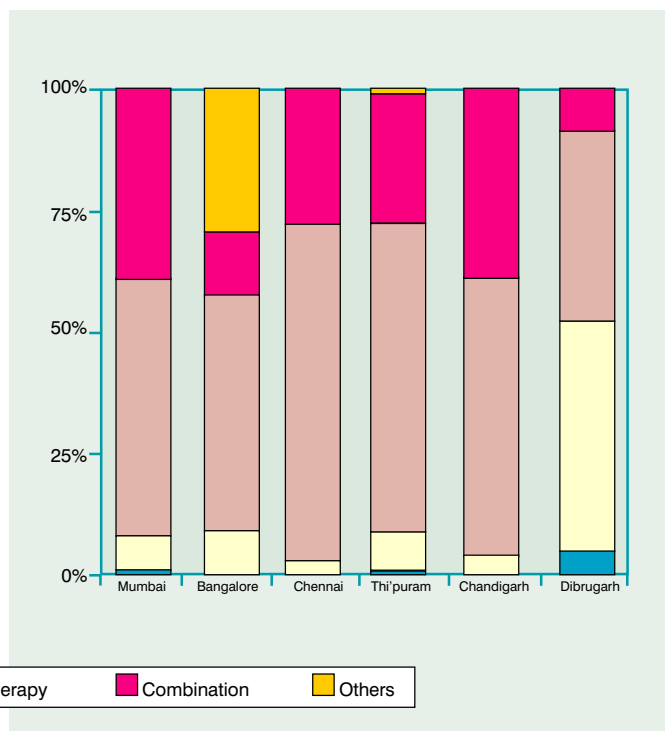
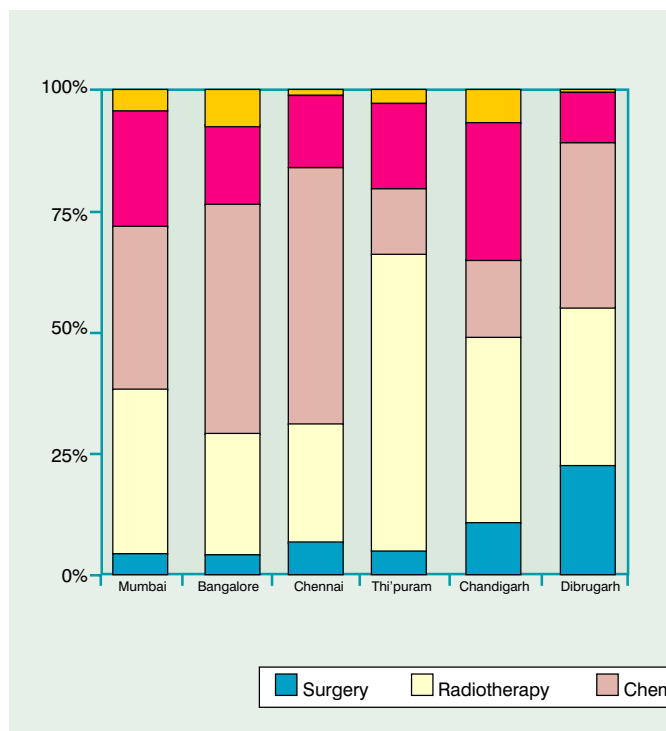


TABLE 7.5 (a): Number(#) and Proportion(%) of any specific treatment relative to all treated patients according to Clinical Extent of Disease**Males**

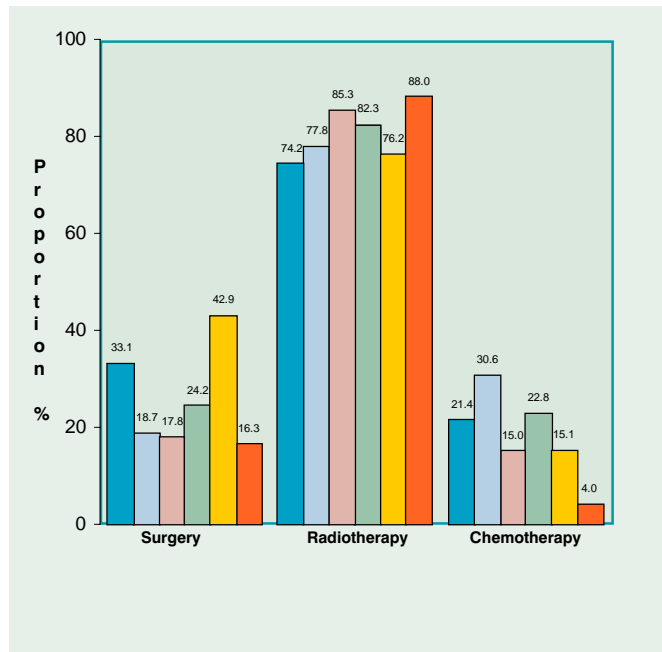
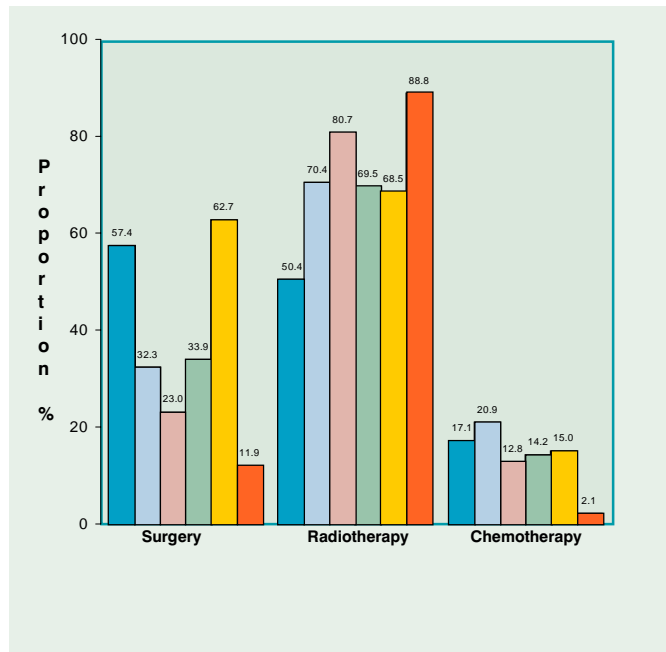
	Any Surgery		Any Radiotherapy		Any Chemotherapy		Any Others		Total Patients
	#	%	#	%	#	%	#	%	
LOCALISED									
Mumbai	5639	57.4	4958	50.4	1683	17.1	15	0.2	9832
Bangalore	718	32.3	1565	70.4	464	20.9	27	1.2	2224
Chennai	149	23.0	522	80.7	83	12.8	1	0.2	647
Thi'puram	1000	33.9	2048	69.5	418	14.2	105	3.6	2947
Chandigarh	259	62.7	283	68.5	62	15.0	7	1.7	413
Dibrugarh	209	11.9	1558	88.8	36	2.1	1	0.1	1755
REGIONAL									
Mumbai	5319	33.1	11900	74.2	3440	21.4	51	0.3	16047
Bangalore	1373	18.7	5722	77.8	2249	30.6	73	1.0	7358
Chennai	978	17.8	4680	85.3	821	15.0	16	0.3	5488
Thi'puram	2155	24.2	7331	82.3	2035	22.8	129	1.4	8911
Chandigarh	1350	42.9	2400	76.2	475	15.1	72	2.3	3149
Dibrugarh	490	16.3	2638	88.0	143	4.8	6	0.2	2998
DISTANT									
Mumbai	456	13.1	1901	54.7	1889	54.4	142	4.1	3475
Bangalore	180	9.2	793	40.5	1239	63.3	139	7.1	1958
Chennai	54	12.5	160	37.0	285	66.0	4	0.9	432
Thi'puram	226	9.9	1810	79.0	656	28.6	61	2.7	2290
Chandigarh	129	27.9	291	63.0	183	39.6	32	6.9	462
Dibrugarh	146	30.4	187	38.9	201	41.8	3	0.6	481
OTHERS									
Mumbai	250	4.2	2676	45.3	5363	90.7	4	0.1	5911
Bangalore	45	1.9	634	26.4	2149	89.3	714	29.7	2406
Chennai	12	0.9	396	30.1	1277	97.1	0	0.0	1315
Thi'puram	69	3.4	664	33.2	1810	90.4	26	1.3	2002
Chandigarh	47	6.3	296	39.8	707	95.2	0	0.0	743
Dibrugarh	84	9.1	497	54.1	419	45.6	1	0.1	919

Fig. 7.5(a): Proportion of Specific Treatments according to Clinical Extent of Disease

Males

LOCALISED

REGIONAL



DISTANT

OTHERS

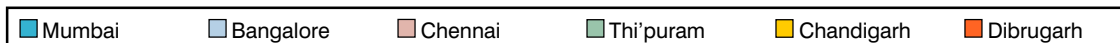
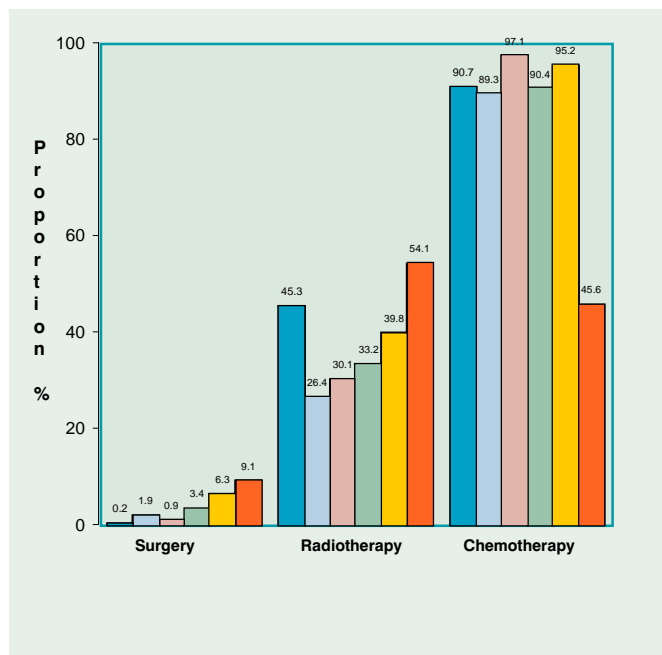
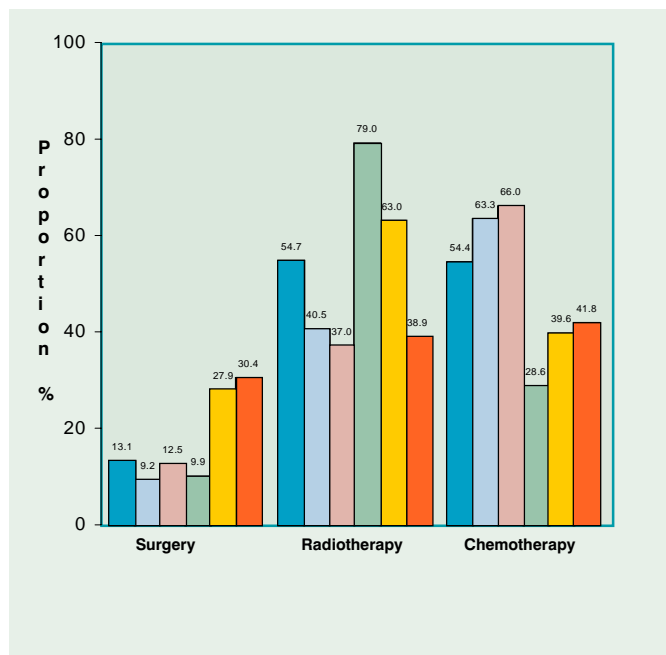


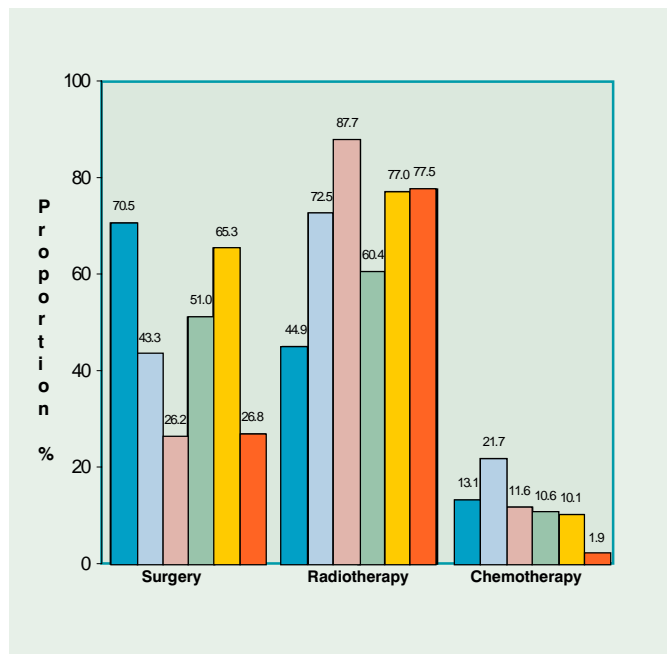
TABLE 7.5 (b): Number(#) and Proportion(%) of any specific treatment relative to all treated patients according to Clinical Extent of Disease**Females**

	Any Surgery		Any Radiotherapy		Any Chemotherapy		Any Others		Total Patients
	#	%	#	%	#	%	#	%	
LOCALISED									
Mumbai	5212	70.5	3320	44.9	969	13.1	299	4.0	7391
Bangalore	824	43.3	1381	72.5	414	21.7	96	5.0	1905
Chennai	249	26.2	834	87.7	110	11.6	57	6.0	951
Thi'puram	1232	51.0	1459	60.4	255	10.6	120	5.0	2415
Chandigarh	278	65.3	328	77.0	43	10.1	11	2.6	426
Dibrugarh	168	26.8	486	77.5	12	1.9	1	0.2	627
REGIONAL									
Mumbai	4616	31.7	11351	77.9	2823	19.4	682	4.7	14564
Bangalore	1766	14.3	10732	86.6	2455	19.8	310	2.5	12392
Chennai	1194	12.9	8576	92.7	2293	24.8	570	6.2	9249
Thi'puram	2760	32.5	6990	82.4	1538	18.1	486	5.7	8487
Chandigarh	1123	31.2	3078	85.6	482	13.4	136	3.8	3596
Dibrugarh	496	33.3	1157	77.6	110	7.4	3	0.2	1491
DISTANT									
Mumbai	500	22.2	870	38.7	1441	64.0	161	7.2	2250
Bangalore	220	15.1	608	41.8	798	54.8	191	13.1	1455
Chennai	35	6.2	252	44.9	430	76.6	187	33.3	561
Thi'puram	274	25.3	732	67.5	439	40.5	130	12.0	1085
Chandigarh	112	33.4	144	43.0	181	54.0	65	19.4	335
Dibrugarh	141	39.9	130	36.8	154	43.6	1	0.3	353
OTHERS									
Mumbai	114	5.0	907	39.7	2068	90.5	2	0.1	2284
Bangalore	29	2.6	329	29.0	942	83.1	269	23.7	1133
Chennai	4	0.7	138	24.1	551	96.2	0	0.0	573
Thi'puram	41	4.0	317	30.8	944	91.7	17	1.7	1030
Chandigarh	12	3.9	114	37.3	282	92.2	0	0.0	306
Dibrugarh	46	13.5	188	55.0	149	43.6	0	0.0	342

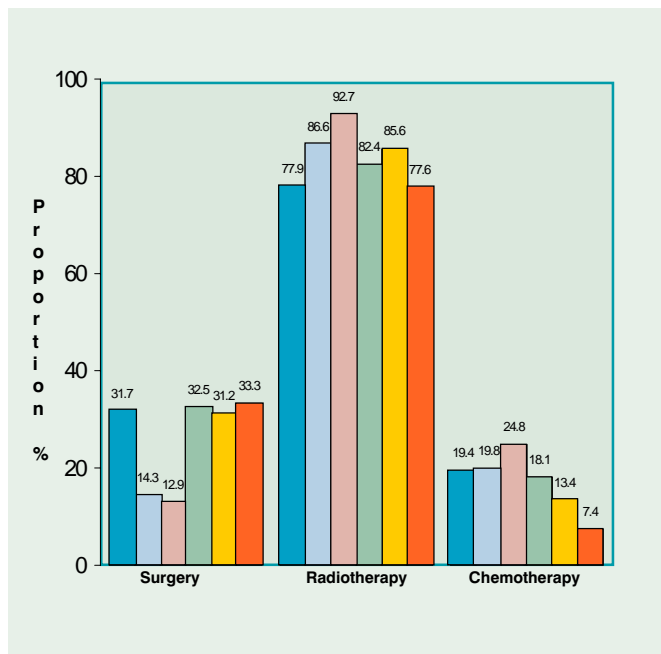
Fig. 7.5(b): Proportion of Specific Treatments according to Clinical Extent of Disease

Females

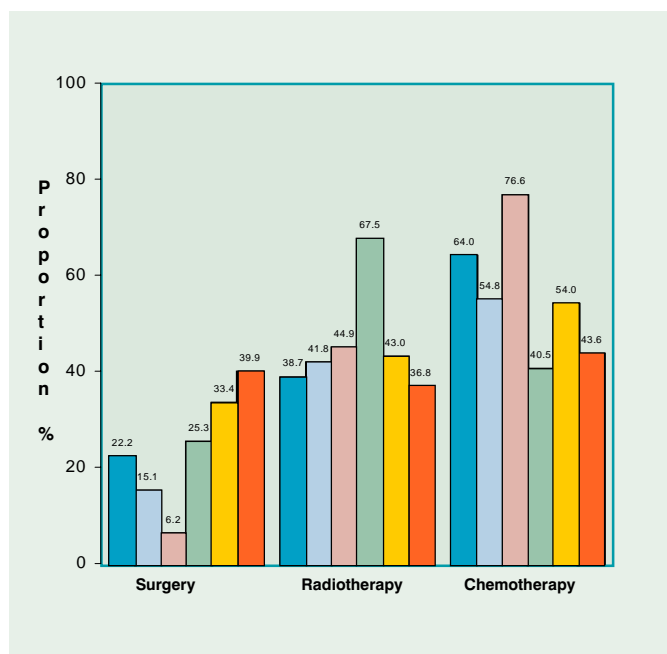
LOCALISED



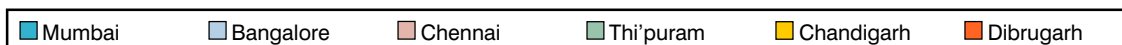
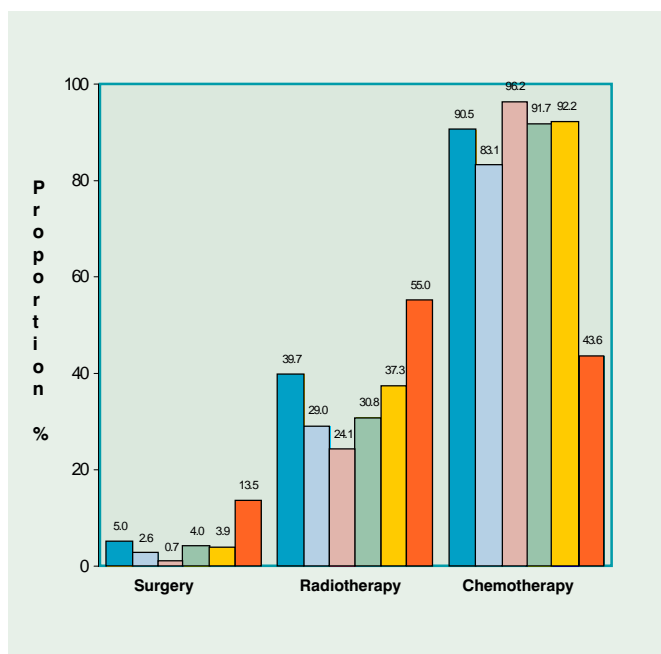
REGIONAL



DISTANT



OTHERS



Chapter 8

ANALYTIC CASES III: NO CANCER DIRECTED TREATMENT GROUP

Despite the presence of comprehensive cancer centres offering optimum cancer treatment, the registries have recorded a fair proportion of patients whose records indicate that they have not received any form of cancer directed treatment, or even if they have received this is incomplete. The number and proportions of these patients is shown in the present Chapter.

The group of patients under the category No Cancer Directed Treatment includes patients who have not received or not accepted treatment, those patients who had incomplete treatment and patients in whom the treatment status was not known. The number and proportion of these patients relative to all patients registered in a given centre is shown in Table 8.1 and diagrammatically depicted in Fig. 8.1. The relative proportion of patients that fell in this category varied from a low of 15.1 percent among females in Dibrugarh to a high of 45.7 percent in males in Chennai.

Overall about one-third of patients do not appear to receive cancer directed treatment, though there is the possibility that some patients may go elsewhere and receive treatment.

TABLE 8.1: Number of Patients registered and Number (#) and Relative Proportion (%) who had No Cancer Directed Treatment (No CDT)

Registry	Males			Females		
	Total Patients Registered	No CDT		Total Patients Registered	No CDT	
		#	%		#	%
Mumbai	78588	25551	32.5	61602	15689	25.5
Bangalore	31116	12239	39.3	36188	13304	36.8
Chennai	24588	11249	45.7	28685	11405	39.8
Thi'puram	27808	7445	26.8	23604	4466	18.9
Chandigarh	6909	1594	23.1	7383	1575	21.3
Dibrugarh	8309	1337	16.1	3736	566	15.1

Fig. 8.1: Proportion of Patients Under Category 'No Cancer Directed Treatment'

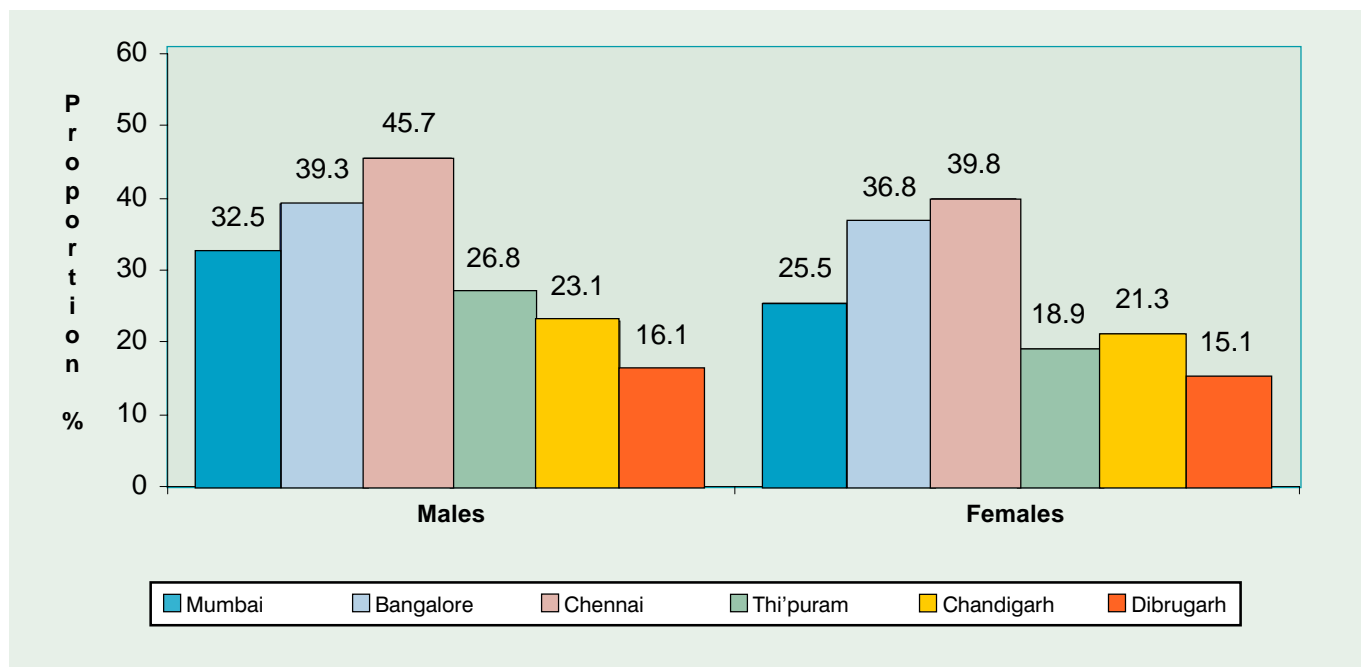


Table 8.2 gives the number and relative proportion of patients who did not accept or receive treatment and those who received incomplete treatment. The major group in any centre is those who did not receive (not accepted or not received) treatment, but, in Bangalore, Thiruvananthapuram and Chandigarh a good proportion (16.9% in males in Bangalore to 31% in females in Chandigarh) received incomplete treatment.

Tables 8.3 and 8.4 with their corresponding Figures 8.2 and 8.3 try to examine the No Cancer Directed Treatment group as a whole according to clinical extent of disease. The proportion of patients with localised disease, relative to all patients in this category varies from 2.9 percent among females in Chennai to 15.7 percent in males in Bangalore. Looked at in another way (Table 8.4 and Fig. 8.3), the proportion of localised cancers that constituted the No Cancer Directed Treatment group varies from 9.4 percent in Dibrugarh to 46.3 percent in Bangalore males. Tables 8.3 and 8.4 as well as Fig. 8.3 also show the number and relative proportions when, the clinical extent of disease was stated as 'Regional', 'Distant', or 'Others'.

TABLE 8.2: Number(#) and Relative Proportion(%) by Treatment (Tmt.) Status in Patients with No Cancer Directed Treatment (CDT)

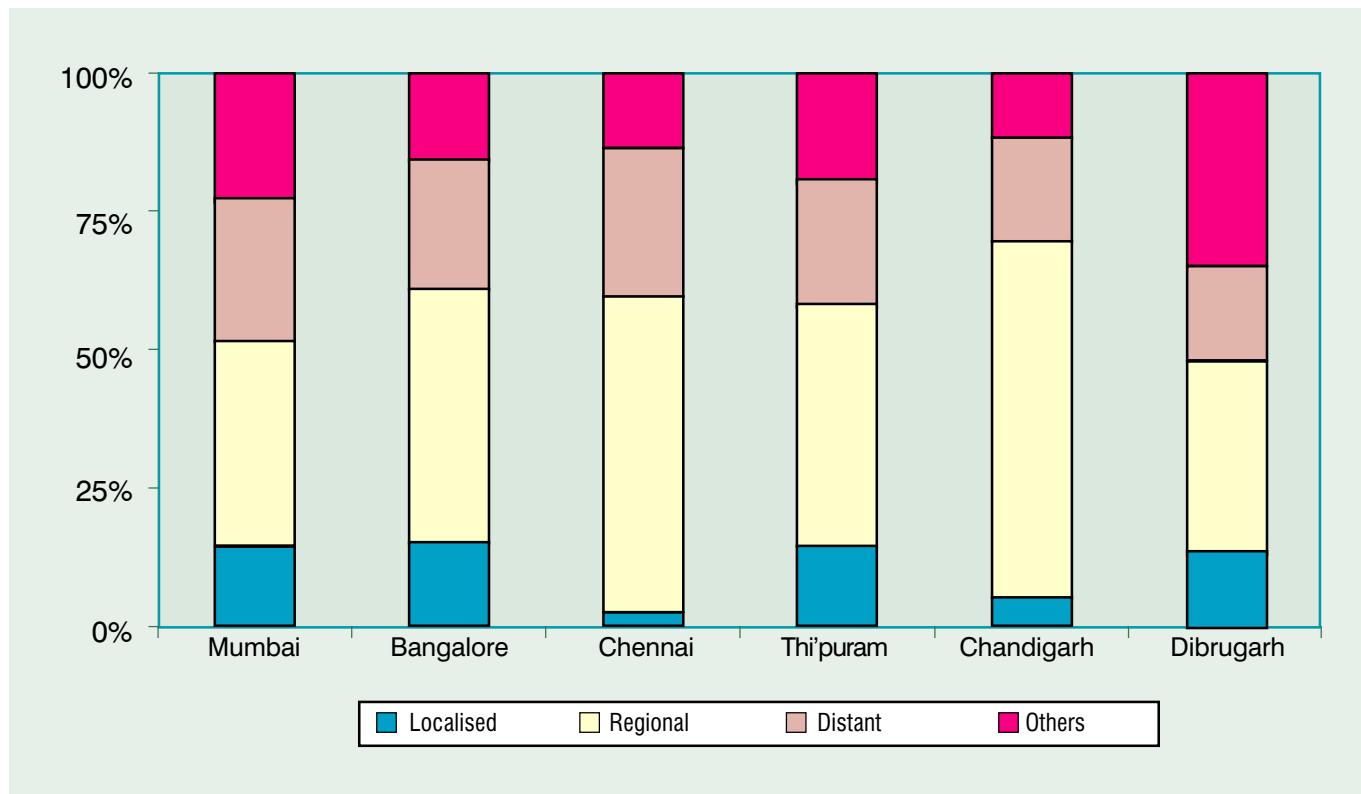
	Not Received		Not Accepted		Incomplete Tmt.		Tmt. Unknown		Total No CDT	
	#	%	#	%	#	%	#	%	#	%
MALES										
Mumbai	13605	53.2	8800	34.4	463	1.8	2683	10.5	25551	100.0
Bangalore	7809	63.8	2347	19.2	2064	16.9	19	0.2	12239	100.0
Chennai	9965	88.6	951	8.5	333	3.0	0	0.0	11249	100.0
Thi'puram	3652	49.1	1913	25.7	1668	22.4	212	2.8	7445	100.0
Chandigarh	477	29.9	659	41.3	454	28.5	4	0.3	1594	100.0
Dibrugarh	984	73.6	238	17.8	114	8.5	1	0.1	1337	100.0
FEMALES										
Mumbai	8562	54.6	5077	32.4	405	2.6	1645	10.5	15689	100.0
Bangalore	7695	57.8	2255	16.9	3339	25.1	15	0.1	13304	100.0
Chennai	10280	90.1	652	5.7	473	4.1	0	0.0	11405	100.0
Thi'puram	1901	42.6	1131	25.3	1329	29.8	105	2.4	4466	100.0
Chandigarh	383	24.3	697	44.3	489	31.0	6	0.4	1575	100.0
Dibrugarh	425	75.1	93	16.4	47	8.3	1	0.2	566	100.0

TABLE 8.3: Number(#) and Relative Proportion(%) of Clinical Extent of Disease in Patients with No Cancer Directed Treatment (CDT)

	Localised		Regional		Distant		Others		All	
	#	%	#	%	#	%	#	%	#	%
MALES										
Mumbai	3812	14.9	9341	36.6	6781	26.5	5617	22.0	25551	100.0
Bangalore	1917	15.7	5594	45.7	2838	23.2	1890	15.4	12239	100.0
Chennai	339	3.0	6427	57.1	3001	26.7	1482	13.2	11249	100.0
Thi'puram	1099	14.8	3260	43.8	1679	22.6	1407	18.9	7445	100.0
Chandigarh	87	5.5	1026	64.4	302	18.9	179	11.2	1594	100.0
Dibrugarh	183	13.7	461	34.5	231	17.3	462	34.6	1337	100.0
FEMALES										
Mumbai	2235	14.2	6314	40.2	4116	26.2	3024	19.3	15689	100.0
Bangalore	1301	9.8	8563	64.4	2450	18.4	990	7.4	13304	100.0
Chennai	328	2.9	8552	75.0	1814	15.9	711	6.2	11405	100.0
Thi'puram	606	13.6	2329	52.1	735	16.5	796	17.8	4466	100.0
Chandigarh	82	5.2	1151	73.1	274	17.4	68	4.3	1575	100.0
Dibrugarh	65	11.5	190	33.6	149	26.3	162	28.6	566	100.0

Fig. 8.2: Relative proportion of Clinical Extent of Disease in Patients with 'No Cancer Directed Treatment'

Males



Females

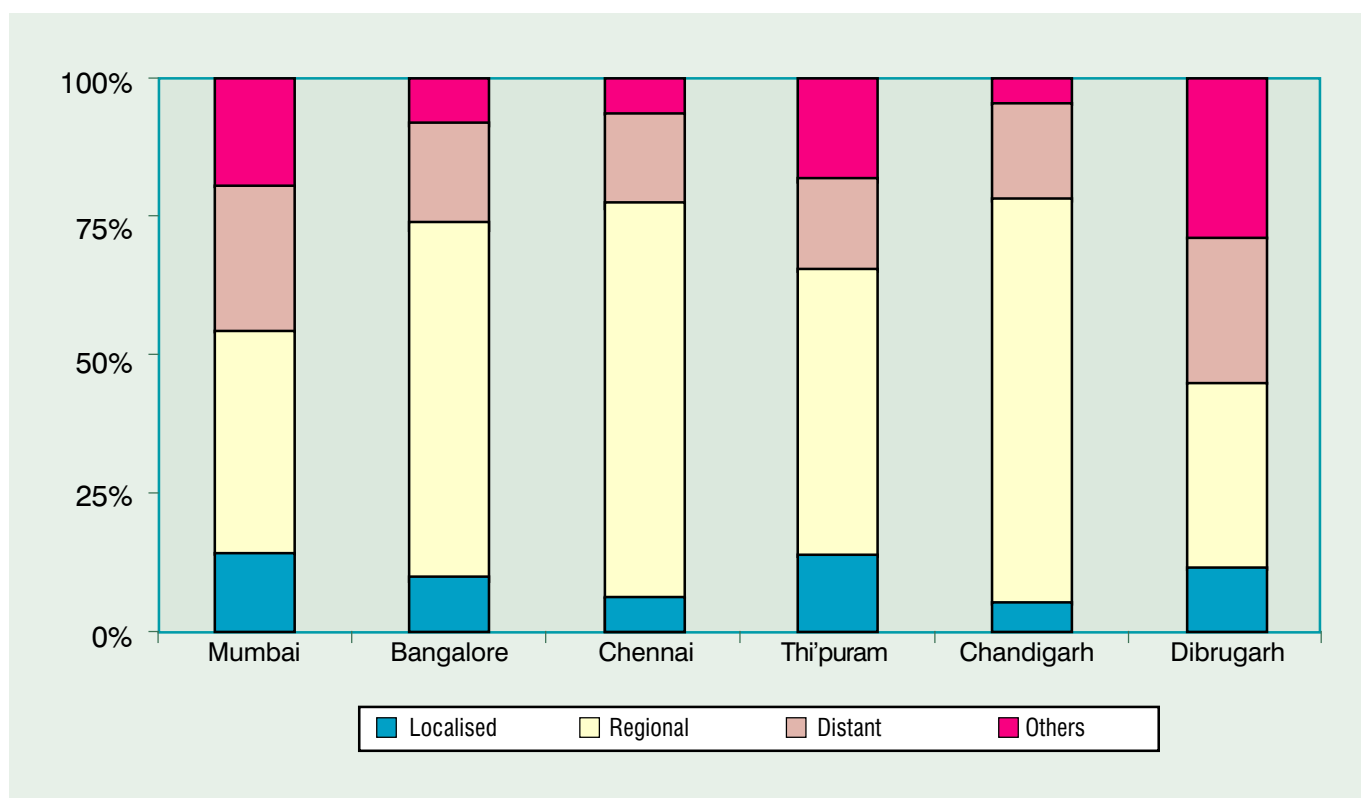


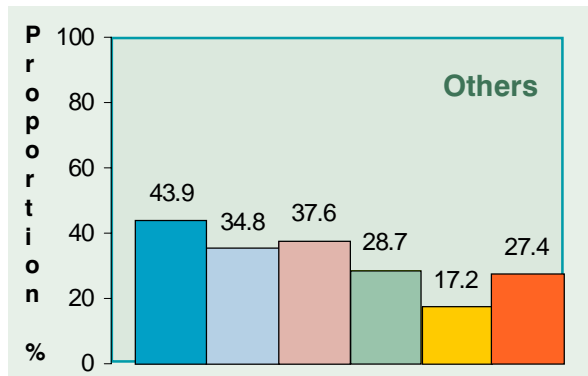
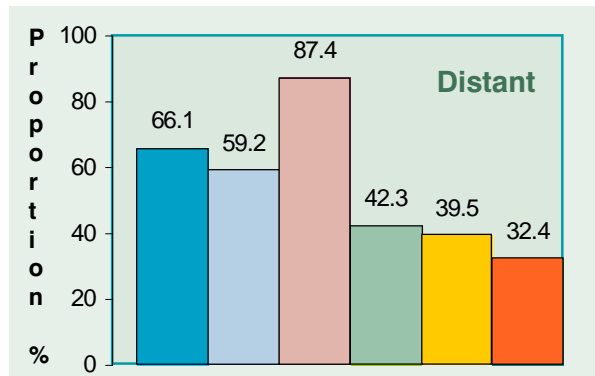
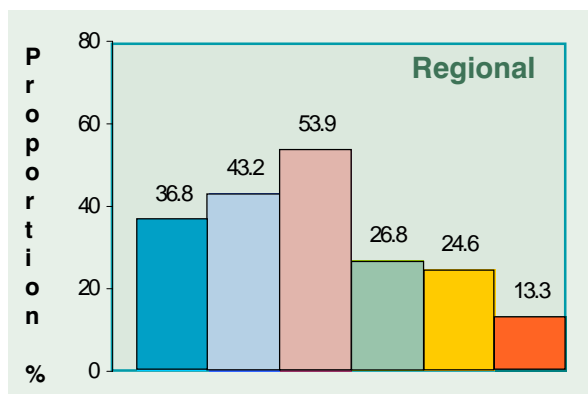
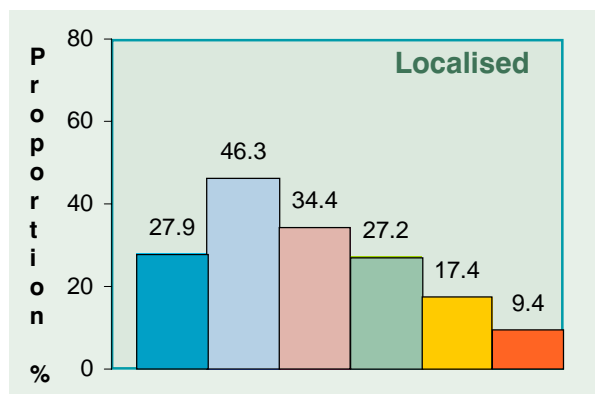
TABLE 8.4: Number (#) and Relative Proportion (%) who received (CDT-Y) and did not receive (CDT-N) Cancer Directed Treatment in each category of Clinical Extent of Disease*

	MALES					FEMALES				
	Total Cases	CDT-Y		CDT-N		Total Cases	CDT-Y		CDT-N	
		#	%	#	%		#	%	#	%
LOCALISED										
Mumbai	13644	9832	72.1	3812	27.9	9626	7391	76.8	2235	23.2
Bangalore	4141	2224	53.7	1917	46.3	3206	1905	59.4	1301	40.6
Chennai	986	647	65.6	339	34.4	1279	951	74.4	328	25.6
Thi'puram	4046	2947	72.8	1099	27.2	3021	2415	79.9	606	20.1
Chandigarh	500	413	82.6	87	17.4	508	426	83.9	82	16.1
Dibrugarh	1938	1755	90.6	183	9.4	692	627	90.6	65	9.4
REGIONAL										
Mumbai	25388	16047	63.2	9341	36.8	20878	14564	69.8	6314	30.2
Bangalore	12952	7358	56.8	5594	43.2	20955	12392	59.1	8563	40.9
Chennai	11915	5488	46.1	6427	53.9	17801	9249	52.0	8552	48.0
Thi'puram	12171	8911	73.2	3260	26.8	10816	8487	78.5	2329	21.5
Chandigarh	4175	3149	75.4	1026	24.6	4747	3596	75.8	1151	24.2
Dibrugarh	3459	2998	86.7	461	13.3	1681	1491	88.7	190	11.3
DISTANT										
Mumbai	10256	3475	33.9	6781	66.1	6366	2250	35.3	4116	64.7
Bangalore	4796	1958	40.8	2838	59.2	3905	1455	37.3	2450	62.7
Chennai	3433	432	12.6	3001	87.4	2375	561	23.6	1814	76.4
Thi'puram	3969	2290	57.7	1679	42.3	1820	1085	59.6	735	40.4
Chandigarh	764	462	60.5	302	39.5	609	335	55.0	274	45.0
Dibrugarh	712	481	67.6	231	32.4	502	353	70.3	149	29.7
OTHERS										
Mumbai	10532	5911	56.1	4621	43.9	4622	2284	49.4	2338	50.6
Bangalore	3689	2406	65.2	1283	34.8	1819	1133	62.3	686	37.7
Chennai	2108	1315	62.4	793	37.6	1005	573	57.0	432	43.0
Thi'puram	2809	2002	71.3	807	28.7	1525	1030	67.5	495	32.5
Chandigarh	897	743	82.8	154	17.2	362	306	84.5	56	15.5
Dibrugarh	1266	919	72.6	347	27.4	464	342	73.7	122	26.3

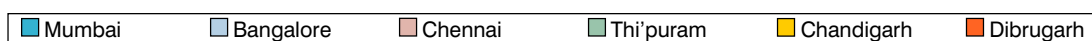
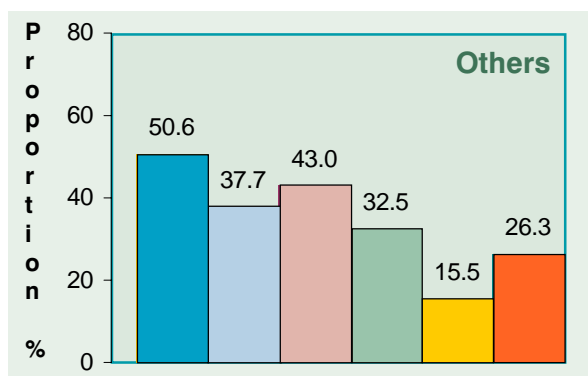
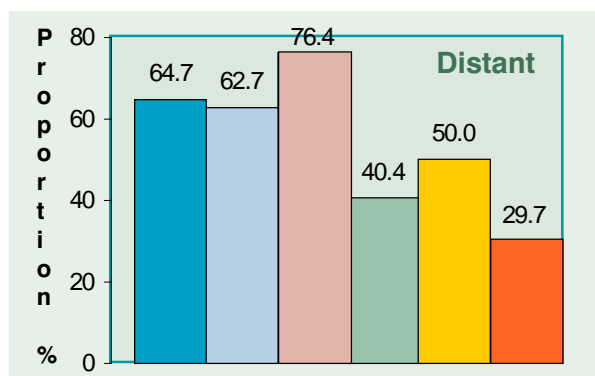
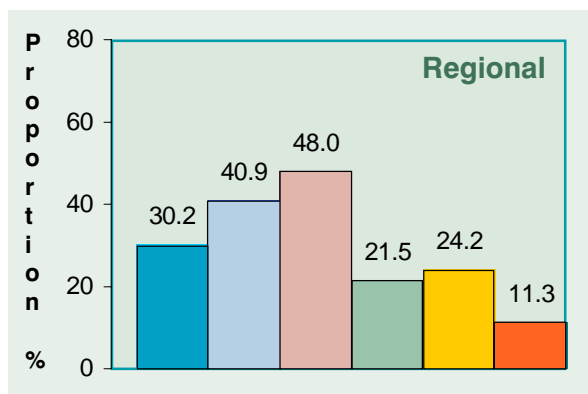
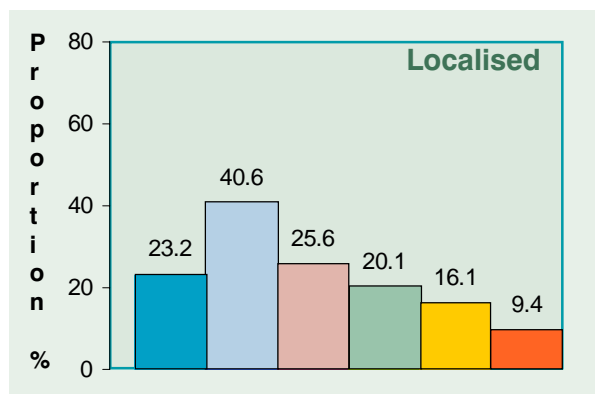
* Excludes patients whose clinical extent was unknown

Fig. 8.3: Proportion of 'No Cancer Directed Treatment' in each Category of Clinical Extent of Disease

Males



Females



Chapter 9

NON-ANALYTIC CASES: PATIENTS WHO HAVE UNDERGONE PREVIOUS TREATMENT

This chapter represents the treatment including its type given at the Reporting Institution to patients who were previously treated. The costs of such care vis-a-vis for patients who are exclusively treated at the registry centre may be relevant when allocating budget for treatment. The type of previous treatment also gives an indication of the cancer facilities available in the region other than that at the centre.

This chapter includes discussion on the broad treatment groups (outlined in Chapter 5), viz, Group A - Patients who have undergone prior treatment only, and Group B - Patients who have undergone prior treatment and have also received further treatment at the reporting institution. These two groups as indicated constitute the 'Non-Analytic Cases'.

The proportion of patients who have received prior treatment (Table 9.1) before registration at reporting institution varies from a low of 3.9 percent in males at Dibrugarh to a high of 31.4 percent among females at Mumbai.

Table 9.2 and Figures 9.1 and 9.2 show the different types of treatment received by these patients. In all centres (excluding Dibrugarh where the numbers are small) it may be noted that 75 to just over 90 percent of patients have received some form or the other of single modality therapy, with surgery, being the most common form of single treatment. The proportion of patients having received prior radiotherapy alone varies from 3 percent in females at Thiruvananthapuram to nearly 30 percent (29.5%) in females at Chandigarh. The marked difference between the sexes in the proportion of patients who have received radiotherapy in Chandigarh (7.1% in males versus 29.5% in females) is noteworthy. The proportion of patients who have had prior chemotherapy alone varies from 1.8 percent in females at Chandigarh to 16.9 percent among males at Mumbai.

The proportion of patients who have received more than one form of cancer directed treatment varied from 5.8 percent among females in Chandigarh to 20.6 percent among males in Chennai.

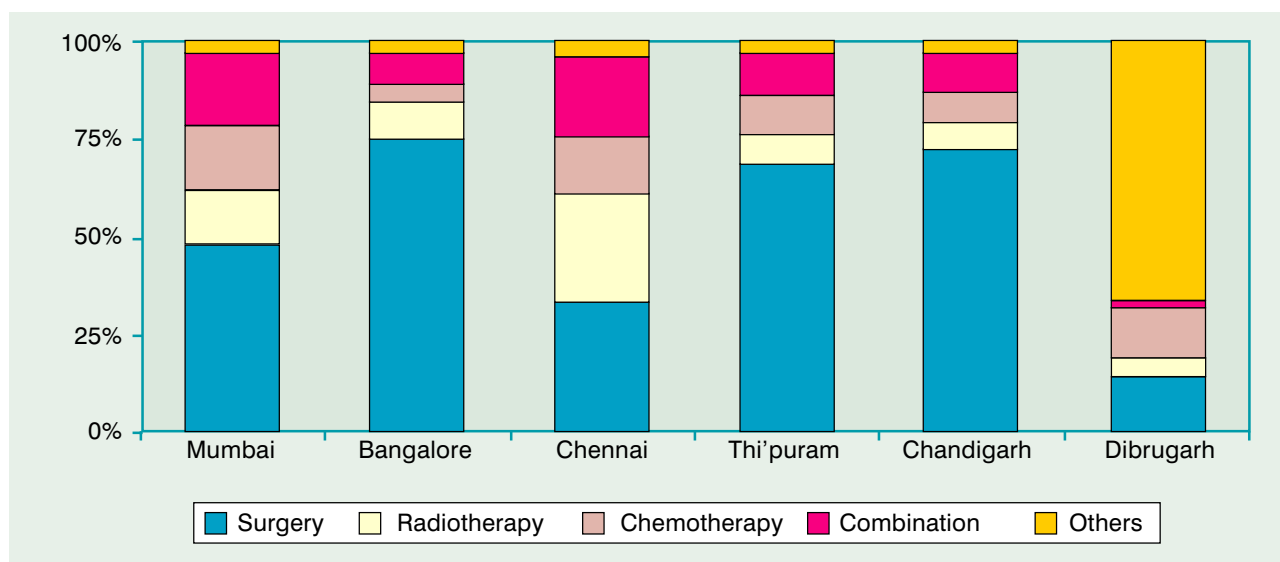
Table 9.3 and Figure 9.3 summarise the number and proportion of previously treated patients who received further cancer directed treatment at the reporting institution. The proportion of patients further treated at reporting institution, relative to all patients previously treated varies from 17.1 percent among males in Chennai to over 85 percent in either sex at Dibrugarh.

TABLE 9.1: Total number of cancer patients registered (Pts Regd) and total number(#) and proportion(%) who have undergone previous treatment (Prev Tmt) before registration at Reporting Institutions

Registry	Males			Females		
	Pts. Regd.	Prev. Tmt		Pts. Regd.	Prev. Tmt	
		#	%		#	%
Mumbai	78588	17605	22.4	61602	19332	31.4
Bangalore	31116	4688	15.1	36188	5880	16.2
Chennai	24588	5301	21.6	28685	5876	20.5
Thi'puram	27808	3692	13.3	23604	5841	24.7
Chandigarh	6909	539	7.8	7383	1141	15.5
Dibrugarh	8309	325	3.9	3736	236	6.3

Fig. 9.1: Proportion of Type of Prior Treatment

Males



Females

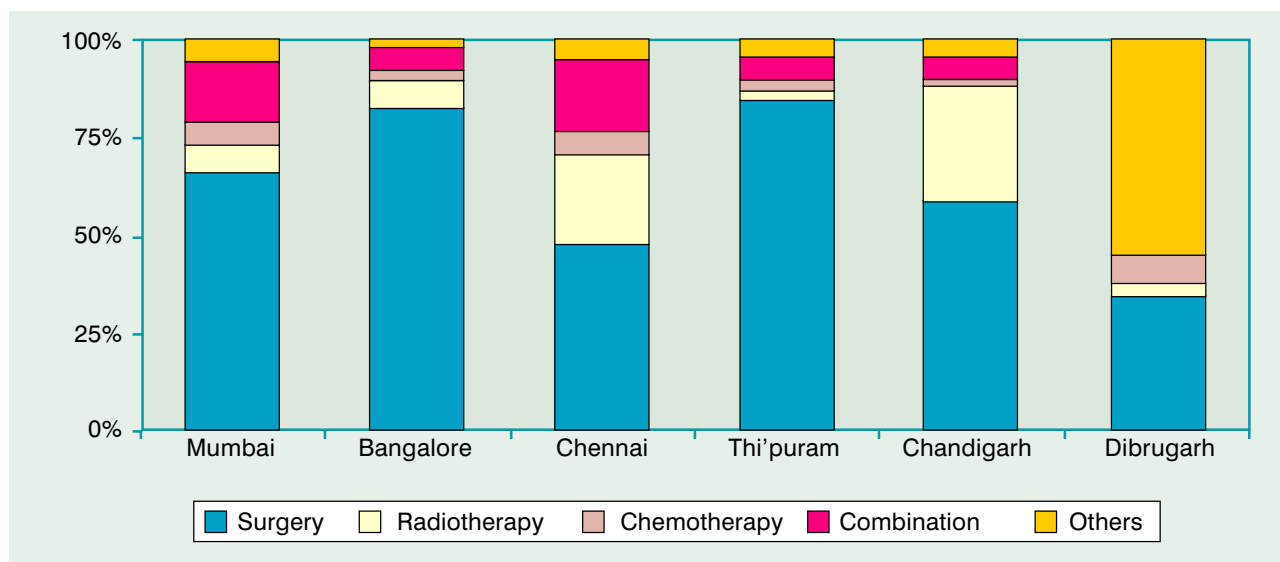


TABLE 9.2: Number(#) & Relative Proportion(%) according to Type of Treatment given before registration at Reporting Institutions**Males**

Type of Treatment	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Total Patients	17605	100.0	4688	100.0	5301	100.0	3692	100.0	539	100.0	325	100.0
Specific Treatments												
Surgery(S)	8384	47.6	3528	75.3	1751	33.0	2552	69.1	390	72.4	46	14.2
Radiotherapy(R)	2456	14.0	436	9.3	1489	28.1	273	7.4	38	7.1	16	4.9
Chemotherapy(C)	2972	16.9	226	4.8	762	14.4	369	10.0	43	8.0	41	12.6
S + R	910	5.2	106	2.3	219	4.1	80	2.2	13	2.4	1	0.3
S + C	693	3.9	147	3.1	317	6.0	117	3.2	25	4.6	4	1.2
R + C	1246	7.1	86	1.8	469	8.8	139	3.8	10	1.9	1	0.3
S + R + C	419	2.4	32	0.7	86	1.6	35	0.9	5	0.9	0	0.0
Others/Unknown	525	3.0	127	2.7	208	3.9	127	3.4	15	2.8	216	66.5
Modality of therapy*												
Single	13812	78.5	4190	89.4	4002	75.5	3194	86.5	471	87.4	103	31.7
Combination	3268	18.6	371	7.9	1091	20.6	371	10.0	53	9.8	6	1.8
Type of Any Treatment*												
Any Surgery	10697	60.8	3857	82.3	2387	45.0	2824	76.5	440	81.6	51	15.7
Any Radiotherapy	5078	28.8	668	14.2	2273	42.9	532	14.4	68	12.6	18	5.5
Any Chemotherapy	5354	30.4	539	11.5	1637	30.9	661	17.9	83	15.4	46	14.2

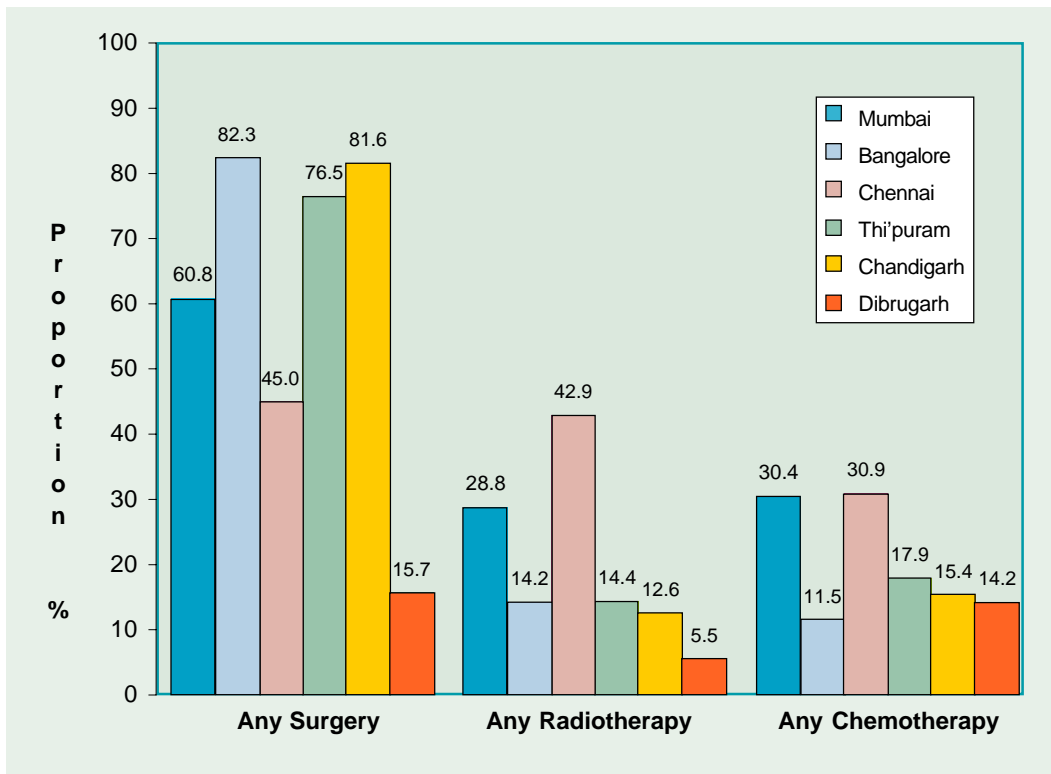
Females

Type of Treatment	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Total Patients	19332	100.0	5880	100.0	5876	100.0	5841	100.0	1141	100.0	236	100.0
Specific Treatments												
Surgery(S)	12751	66.0	4851	82.5	2784	47.4	4898	83.9	668	58.5	80	33.9
Radiotherapy(R)	1356	7.0	421	7.2	1345	22.9	177	3.0	337	29.5	9	3.8
Chemotherapy(C)	1152	6.0	123	2.1	372	6.3	161	2.8	21	1.8	17	7.2
S + R	924	4.8	133	2.3	263	4.5	61	1.0	18	1.6	0	0.0
S + C	1118	5.8	143	2.4	383	6.5	186	3.2	38	3.3	0	0.0
R + C	347	1.8	40	0.7	221	3.8	51	0.9	1	0.1	0	0.0
S + R + C	542	2.8	43	0.7	196	3.3	45	0.8	9	0.8	0	0.0
Others/Unknown	1142	5.9	126	2.1	312	5.3	262	4.5	49	4.3	130	55.1
Modality of therapy*												
Single	15259	78.9	5395	91.8	4501	76.6	5236	89.6	1026	89.9	106	44.9
Combination	2931	15.2	359	6.1	1063	18.1	343	5.9	66	5.8	0	0.0
Type of Any Treatment*												
Any Surgery	16384	84.8	5248	89.3	3771	64.2	5438	93.1	777	68.1	81	34.3
Any Radiotherapy	3655	18.9	658	11.2	2104	35.8	376	6.4	371	32.5	10	4.2
Any Chemotherapy	3663	18.9	394	6.7	1259	21.4	481	8.2	80	7.0	17	7.2

* Excludes specific treatment classified as 'Others'

Fig. 9.2: Proportion of Any Specific Prior Treatment Before Registration at Reporting Institution

Males



Females

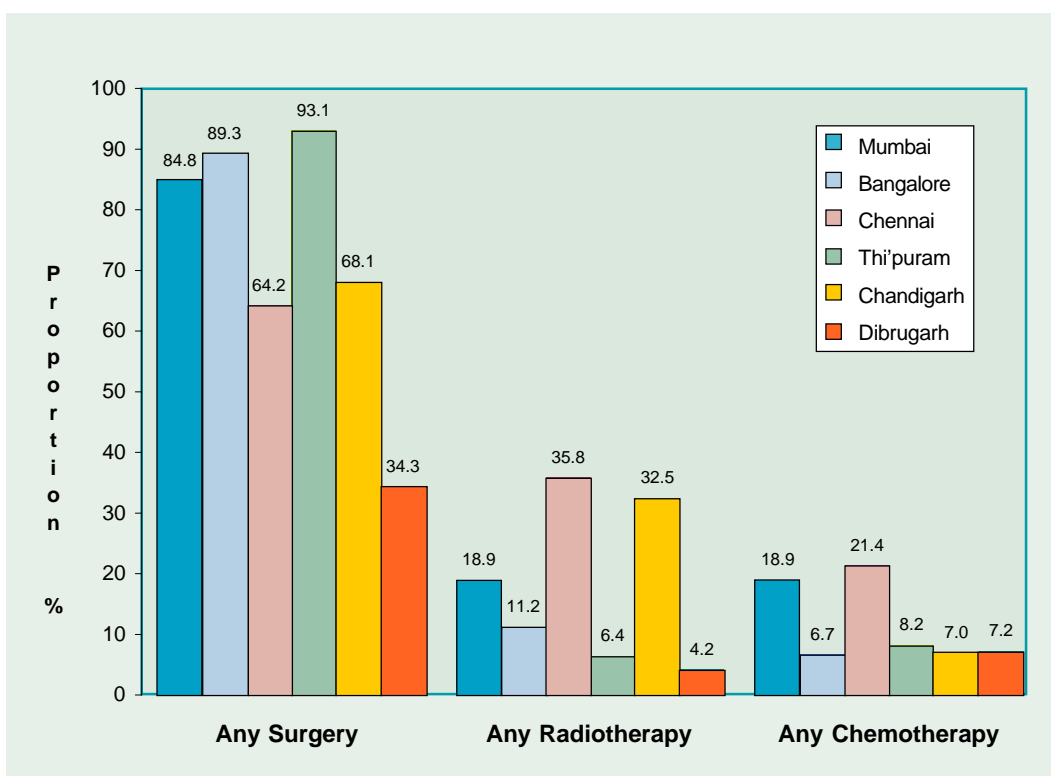


TABLE 9.3: Total number of patients who have undergone pervious treatment(Prev Tmt) before registration and number(#) and propotion(%) who received further treatment at Reporting Institutions (Tmt. at RI).

Registry	Males			Females		
	Prev. Tmt.	Tmt. at RI		Prev. Tmt.	Tmt. at RI	
		#	%		#	%
Mumbai	17605	8060	45.8	19332	10595	54.8
Bangalore	4688	2443	52.1	5880	3426	58.3
Chennai	5301	908	17.1	5876	1733	29.5
Thi'puram	3692	2274	61.6	5841	4080	69.9
Chandigarh	539	339	62.9	1141	872	76.4
Dibrugarh	325	277	85.2	236	201	85.2

Tables 9.4 with the corresponding figures (Fig. 9.4 & 9.5) give an idea of the various types of further treatment received by these patients at their respective reporting institutions. The proportion of patients who received surgery is relatively higher in either sex at Mumbai and Dibrugarh. However, every centre (except males in Mumbai) has the highest relative proportion of patients receiving radiotherapy, with Dibrugarh having the highest proportion among males and Chandigarh the highest among females. The relative proportion of patients receiving chemotherapy is quite high in all the centres especially in comparison to those patients being treated only at reporting institution (see Chapter 7).

Fig. 9.3: Proportion of Previously Treated Patients Who Received Further Treatment at Reporting Institution

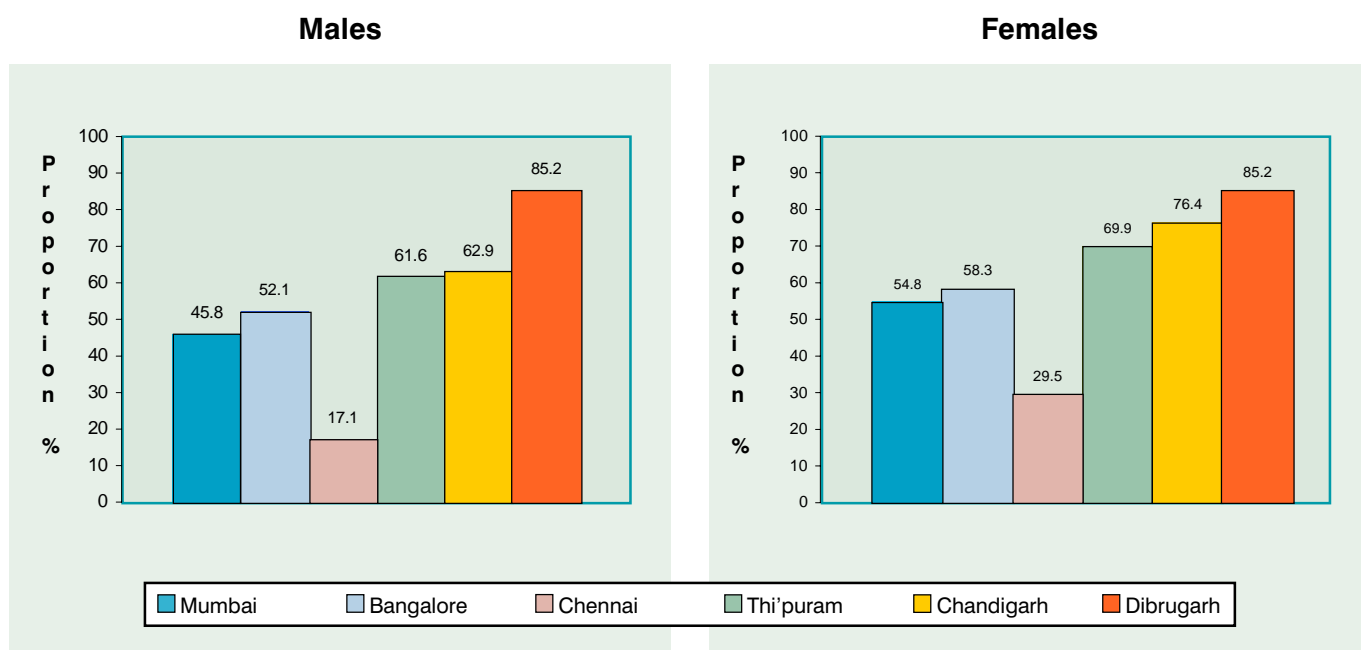


TABLE 9.4: Number(#) & Relative Proportion(%) of cancer patients according to Type of Further Treatment given at Reporting Institutions**Males**

Types of Treatment at RI	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Total Patients	8060	100.0	2443	100.0	908	100.0	2274	100.0	339	100.0	277	100.0
Specific Treatments												
Surgery(S)	1587	19.7	117	4.8	94	10.4	135	5.9	28	8.3	30	10.8
Radiotherapy(R)	1784	22.1	1057	43.3	326	35.9	1303	57.3	132	38.9	160	57.8
Chemotherapy(C)	2391	29.7	613	25.1	315	34.7	423	18.6	68	20.1	46	16.6
S + R	474	5.9	63	2.6	25	2.8	57	2.5	23	6.8	5	1.8
S + C	339	4.2	57	2.3	24	2.6	14	0.6	8	2.4	18	6.5
R + C	1174	14.6	309	12.6	105	11.6	231	10.2	51	15.0	13	4.7
S + R + C	91	1.1	27	1.1	10	1.1	5	0.2	6	1.8	5	1.8
Others	220	2.7	200	8.2	9	1.0	106	4.7	23	6.8	0	0.0
Modality of therapy*												
Single	5762	71.5	1787	73.1	735	81.0	1861	81.8	228	67.3	236	85.2
Combination	2078	25.8	456	18.7	164	18.1	307	13.5	88	26.0	41	14.8
Type of Any Treatment*												
Any Surgery	2520	31.3	274	11.2	155	17.1	220	9.7	67	19.8	58	20.9
Any Radiotherapy	3565	44.2	1511	61.9	469	51.7	1639	72.1	226	66.7	183	66.1
Any Chemotherapy	4013	49.8	1070	43.8	455	50.1	673	29.6	136	40.1	82	29.6

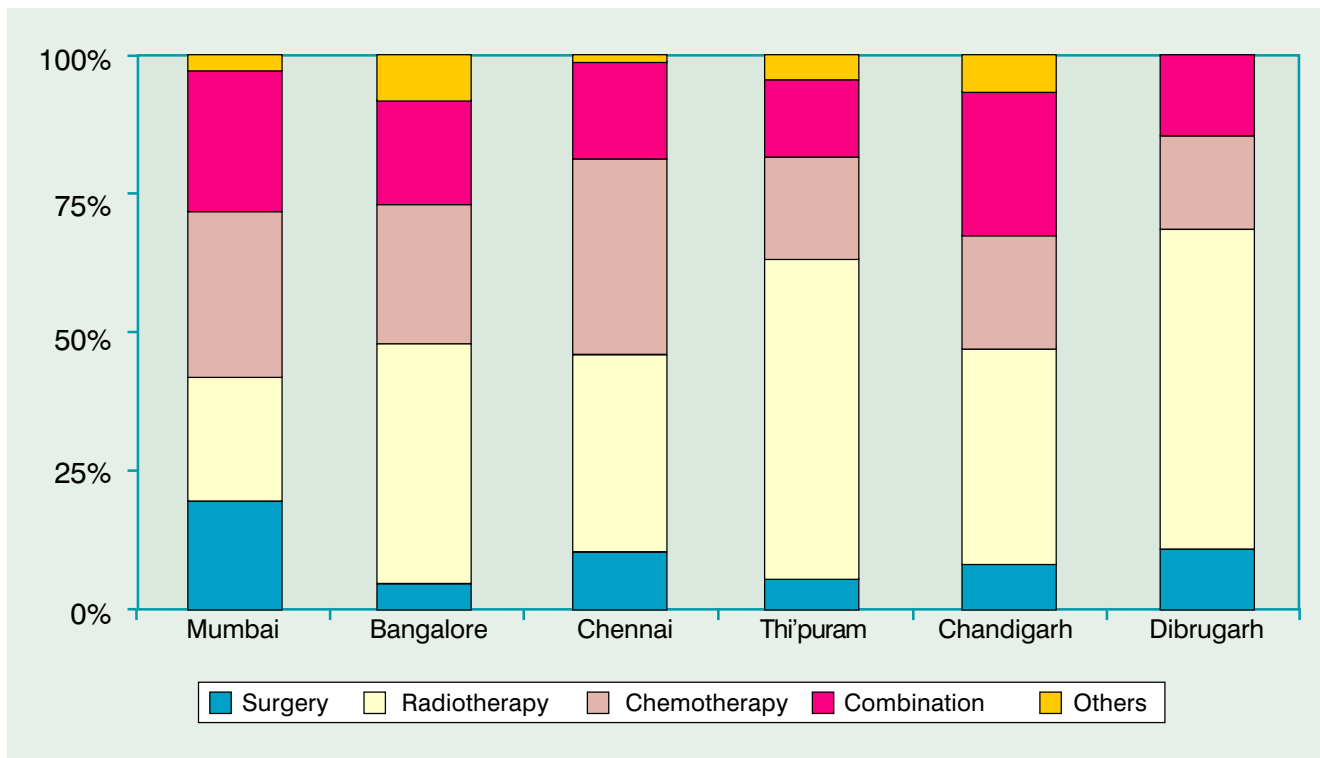
Females

Types of Treatment at RI	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Total Patients	10595	100.0	3426	100.0	1733	100.0	4080	100.0	872	100.0	201	100.0
Specific Treatments												
Surgery(S)	1501	14.2	92	2.7	45	2.6	188	4.6	17	1.9	23	11.4
Radiotherapy(R)	3001	28.3	1300	37.9	358	20.7	1669	40.9	559	64.1	124	61.7
Chemotherapy(C)	2481	23.4	618	18.0	336	19.4	548	13.4	67	7.7	23	11.4
S + R	394	3.7	106	3.1	28	1.6	124	3.0	24	2.8	11	5.5
S + C	692	6.5	89	2.6	23	1.3	32	0.8	4	0.5	13	6.5
R + C	1051	9.9	529	15.4	439	25.3	570	14.0	109	12.5	6	3.0
S + R + C	275	2.6	111	3.2	67	3.9	73	1.8	20	2.3	1	0.5
Others	1200	11.3	581	17.0	437	25.2	876	21.5	72	8.3	0	0.0
Modality of therapy*												
Single	6983	65.9	2010	58.7	739	42.6	2405	58.9	643	73.7	170	84.6
Combination	2412	22.8	835	24.4	557	32.1	799	19.6	157	18.0	31	15.4
Type of Any Treatment*												
Any Surgery	3156	29.8	501	14.6	270	15.6	509	12.5	71	8.1	48	23.9
Any Radiotherapy	5110	48.2	2417	70.5	1220	70.4	2976	72.9	759	87.0	142	70.6
Any Chemotherapy	4946	46.7	1555	45.4	1183	68.3	1328	32.5	221	25.3	43	21.4

* Excludes specific treatment classified as 'Others'

Fig. 9.4: Proportion of Types of Treatment at Reporting Institution

Males



Females

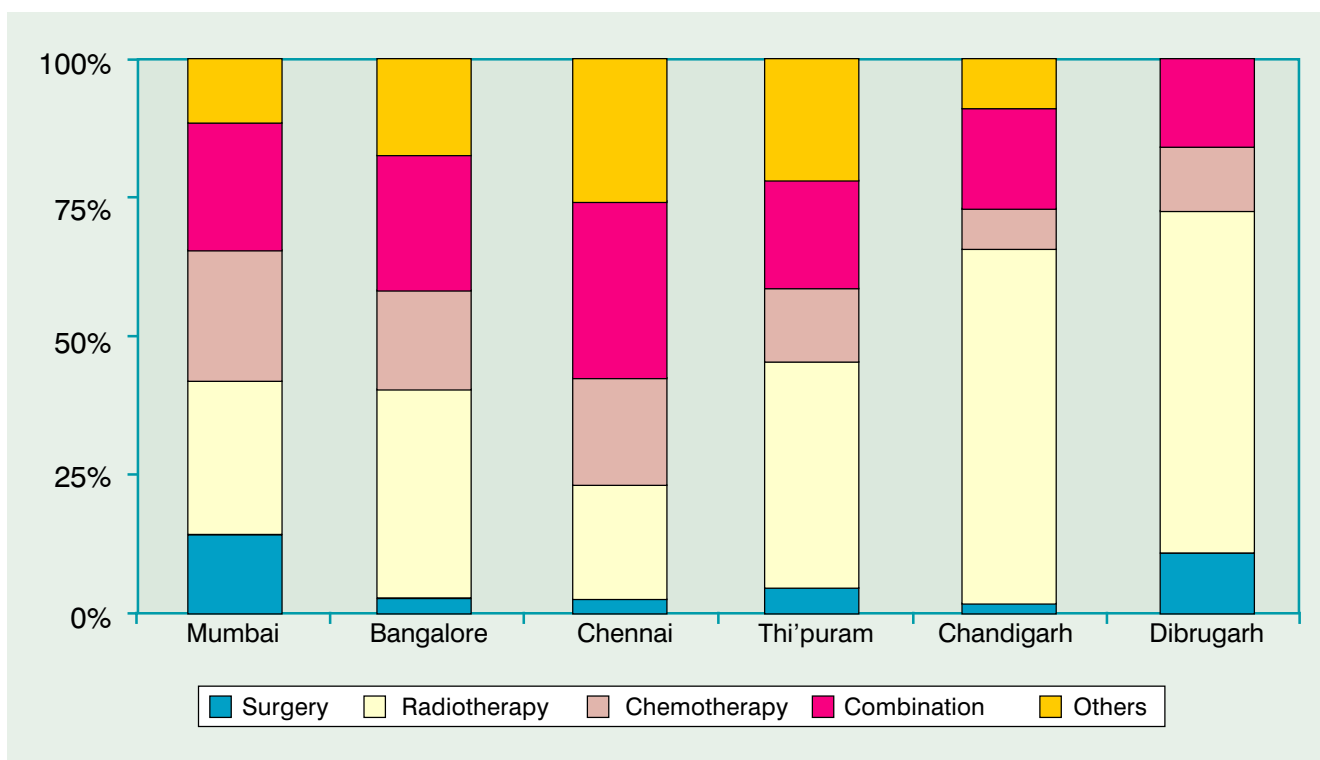
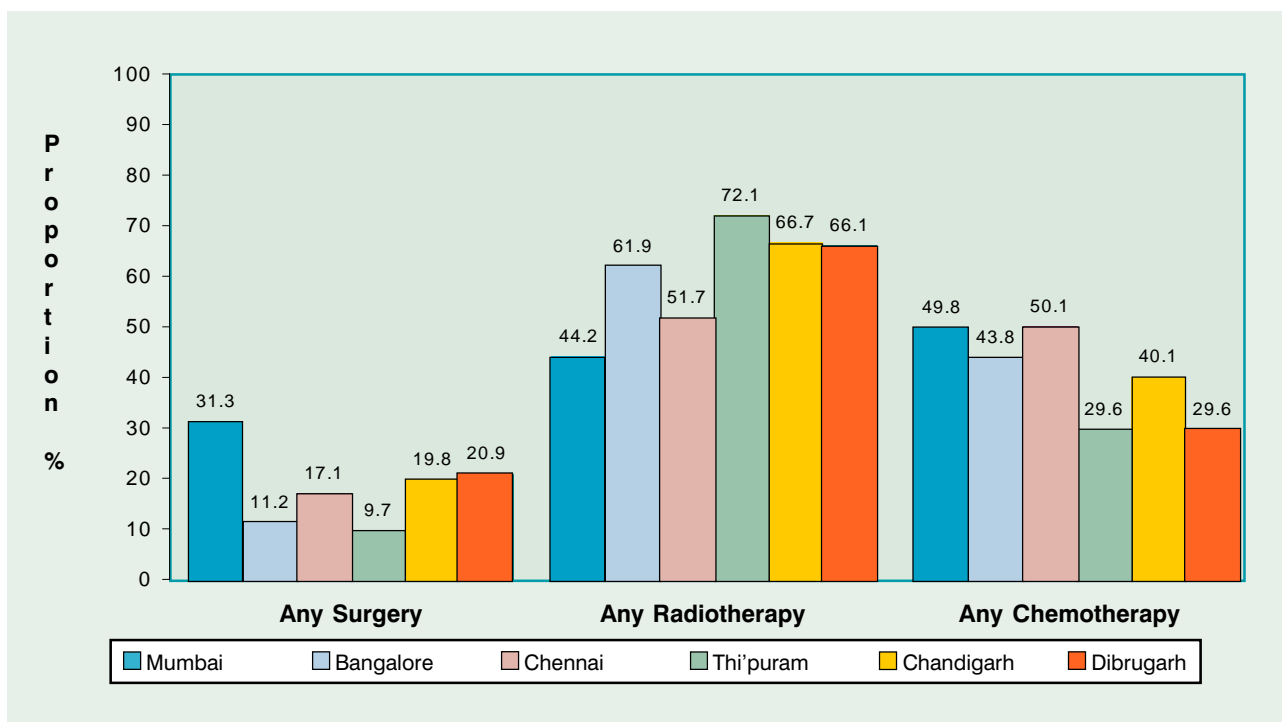
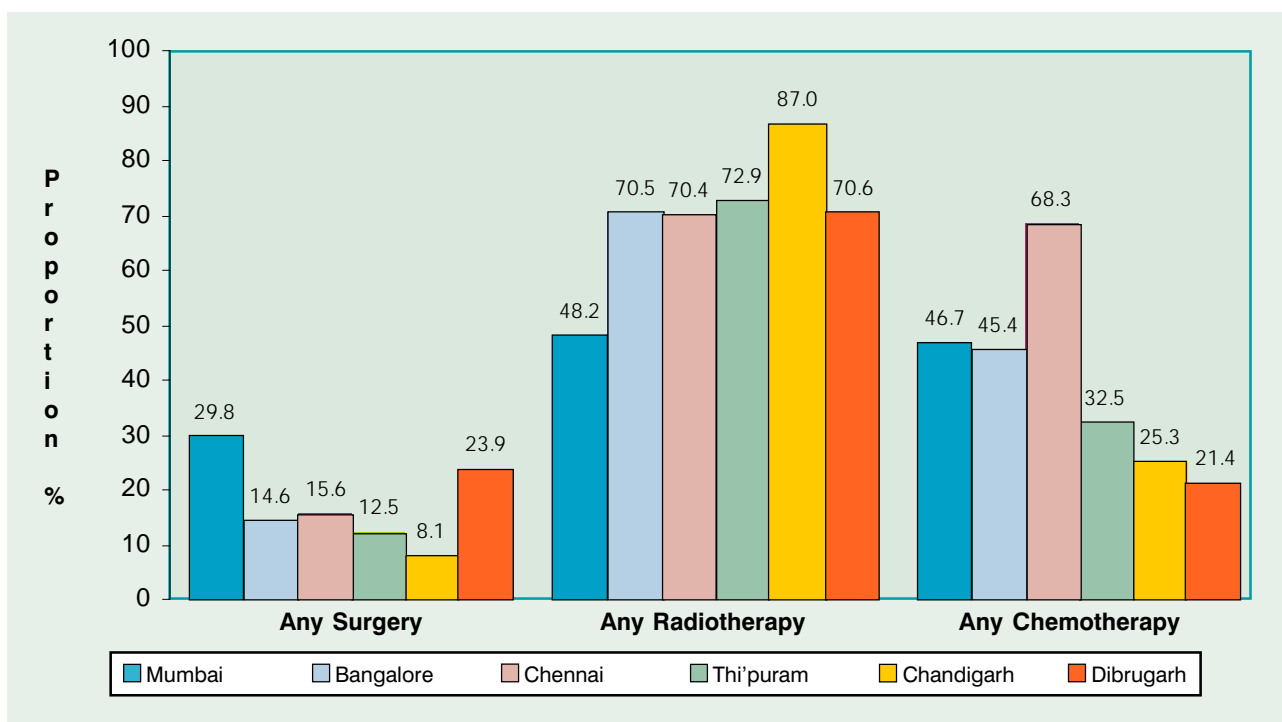


Fig. 9.5: Proportion of Any Specific Treatment at Reporting Institutions

Males



Females



Chapter 10

ORAL CANCERS

Chapters 10-12 summarize three important selected sites of cancer with the comprehensive tables given in Chapters 1-9. The numbers and proportions in these tables of individual sites now become more meaningful.

The proportion of Oral Cancers (Lip, Tongue, Oral Cavity; ICD-9: 140, 141, 143-145) relative to all sites in males, was almost the same (19.2-20.2%) in the Registries at Mumbai, Chennai and Thiruvananthapuram, where it was the number one cancer. The relative proportion of this combined sites of cancer among females is lower, in all centres except in Bangalore. In Bangalore the relative proportion of cancer of the oral cavity (combined sites) in females was not only higher than that in males, but also had the highest comparative relative proportion among all registries in that sex (Table 1).

The five-year age distribution (Table 10.2) of the patients appears similar in all registries among males, with peak age distribution being 45-60 years of age. In females however, there appear to be more number of younger women in Bangalore and older ones in Thiruvananthapuram.

The basis of diagnosis (Table 10.3) was predominantly microscopic in all registries, except in Chennai and Thiruvananthapuram, which had correspondingly higher proportion of clinical diagnosis.

Table 10.4 gives the number and relative proportion of patients according to broad treatment groups.

The number and proportion of patients (excluding those previously treated) according to the clinical extent of disease is shown in Table 10.5. Over 70 percent of all patients have regional involvement at time of presentation. In Dibrugarh 35.2 percent among females and 36 percent in males had localised disease at presentation, with correspondingly lower proportion having regional involvement.

The different types of treatment given, or the total number of any specific treatment with their proportion is shown in Table 10.6. Mumbai has the highest relative proportion of patients receiving only surgery (28.4% and 38.4% in males and females respectively) or any surgery (48.6% and 63.1%) whereas, Bangalore has the highest proportion of those receiving only chemotherapy (15.0% and 27%) or any chemotherapy (37.6% and 52.3%). The latter indicates that about two-thirds of female patients treated at Bangalore, have received chemotherapy, with or without other forms of therapy. Over 90 to almost 100 percent of patients in other centres have received “any radiotherapy”. The proportion of patients receiving more than one form of treatment (combination therapy) is highest in Bangalore females and Thiruvananthapuram males.

TABLE 10.1: Number(#), Relative Proportion(%) and Rank(R) of cancers of the oral cavity (combined sites)

Registry	Males				Females			
	Total	#	%	R	Total	#	%	R
Mumbai	78588	15084	19.2	1	61602	4501	7.3	3
Bangalore	31116	3963	12.7	2	36188	4751	13.1	2
Chennai	24588	4864	19.8	1	28685	2647	9.2	3
Thi'puram	27808	5615	20.2	1	23604	2924	12.4	3
Chandigarh	6909	618	8.9	2	7383	203	2.7	6
Dibrugarh	8309	1128	13.6	3	3736	387	10.4	4

TABLE 10.2: Number(#) and Relative Proportion(%) according to five-year age group

Age Group	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
0- 4	10	0.1	0	0.0	2	0.0	1	0.0	1	0.2	0	0.0
5- 9	1	0.0	1	0.0	2	0.0	1	0.0	0	0.0	0	0.0
10-14	7	0.0	0	0.0	4	0.1	2	0.0	0	0.0	1	0.1
15-19	12	0.1	4	0.1	6	0.1	2	0.0	0	0.0	0	0.0
20-24	75	0.5	11	0.3	16	0.3	12	0.2	4	0.6	4	0.4
25-29	195	1.3	36	0.9	43	0.9	31	0.6	16	2.6	16	1.4
30-34	565	3.7	90	2.3	94	1.9	75	1.3	23	3.7	31	2.7
35-39	1039	6.9	150	3.8	184	3.8	199	3.5	34	5.5	69	6.1
40-44	1557	10.3	268	6.8	357	7.4	297	5.3	53	8.6	89	7.9
45-49	2080	13.8	466	11.8	584	12.0	597	10.6	95	15.4	194	17.2
50-54	2580	17.1	651	16.4	788	16.2	739	13.2	104	16.8	212	18.8
55-59	2292	15.2	575	14.5	816	16.8	934	16.6	99	16.0	168	14.9
60-64	2009	13.3	695	17.5	825	17.0	910	16.2	70	11.3	159	14.1
65-69	1319	8.7	450	11.4	545	11.2	806	14.4	49	7.9	89	7.9
70-74	777	5.2	314	7.9	361	7.4	481	8.6	45	7.3	58	5.1
75+	558	3.7	252	6.4	237	4.9	528	9.4	25	4.0	38	3.4
ANS	8	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Ages	15084	100.0	3963	100.0	4864	100.2	5615	100.0	618	100.0	1128	100.0
FEMALES												
0- 4	1	0.0	1	0.0	1	0.0	0	0.0	0	0.0	0	0.0
5- 9	1	0.0	1	0.0	2	0.1	1	0.0	0	0.0	1	0.3
10-14	2	0.0	0	0.0	3	0.1	3	0.1	0	0.0	0	0.0
15-19	13	0.3	4	0.1	6	0.2	1	0.0	1	0.5	2	0.5
20-24	23	0.5	14	0.3	6	0.2	14	0.5	3	1.5	2	0.5
25-29	72	1.6	46	1.0	39	1.5	14	0.5	4	2.0	8	2.1
30-34	146	3.2	101	2.1	62	2.3	37	1.3	6	3.0	14	3.6
35-39	320	7.1	296	6.2	128	4.8	76	2.6	12	5.9	20	5.2
40-44	494	11.0	461	9.7	239	9.0	140	4.8	16	7.9	52	13.4
45-49	690	15.3	673	14.2	384	14.5	266	9.1	35	17.2	75	19.4
50-54	668	14.8	870	18.3	509	19.2	333	11.4	37	18.2	68	17.6
55-59	660	14.7	575	12.1	410	15.5	461	15.8	39	19.2	46	11.9
60-64	626	13.9	769	16.2	425	16.1	477	16.3	24	11.8	50	12.9
65-69	371	8.2	449	9.5	203	7.7	480	16.4	9	4.4	27	7.0
70-74	233	5.2	274	5.8	131	4.9	289	9.9	12	5.9	15	3.9
75+	178	4.0	217	4.6	99	3.7	332	11.4	5	2.5	7	1.8
ANS	3	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Ages	4501	100.0	4751	100.0	2647	100.0	2924	100.0	203	100.0	387	100.0

TABLE 10.3: Number(#) and Relative Proportion(%) based on different methods of diagnosis

	Microscopic		Clinical		X-ray		Others		Total	
	#	%	#	%	#	%	#	%	#	%
MALES										
Mumbai	14211	94.2	387	2.6	13	0.1	473	3.1	15084	100.0
Bangalore	3813	96.2	115	2.9	1	0.0	34	0.9	3963	100.0
Chennai	2770	56.9	2087	42.9	1	0.0	6	0.1	4864	100.0
Thi'puram	4845	86.3	743	13.2	16	0.3	11	0.2	5615	100.0
Chandigarh	605	97.9	8	1.3	5	0.8	0	0.0	618	100.0
Dibrugarh	1111	98.5	7	0.6	1	0.1	9	0.8	1128	100.0
FEMALES										
Mumbai	4252	94.5	95	2.1	10	0.2	144	3.2	4501	100.0
Bangalore	4603	96.9	126	2.7	2	0.0	20	0.4	4751	100.0
Chennai	1449	54.7	1197	45.2	1	0.0	0	0.0	2647	100.0
Thi'puram	2474	84.6	436	14.9	7	0.2	7	0.2	2924	100.0
Chandigarh	191	94.1	12	5.9	0	0.0	0	0.0	203	100.0
Dibrugarh	379	97.9	7	1.8	0	0.0	1	0.3	387	100.0

TABLE 10.4: Number(#) and Relative Proportion(%) according to Broad Groups of Treatment(Tmt.)

	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
Prior Tmt. Only	1405	9.3	111	2.8	832	17.1	178	3.2	5	1.0	3	0.3
Prior & Tmt. at RI	988	6.5	85	2.1	45	0.9	180	3.2	11	2.1	18	1.6
Tmt. Only at RI	8161	54.1	2300	58.0	2074	42.6	3990	71.1	482	93.1	970	86.0
No CDT	4530	30.0	1467	37.0	1913	39.3	1267	22.6	120	23.2	137	12.1
Total Patients	15084	100.0	3963	100.0	4864	100.0	5615	100.0	618	119.3	1128	100.0
FEMALES												
Prior Tmt. Only	354	7.9	55	1.2	399	15.1	61	2.1	5	2.5	3	0.8
Prior & Tmt. at RI	308	6.8	72	1.5	18	0.7	81	2.8	3	1.5	9	2.3
Tmt. Only at RI	2483	55.2	2827	59.5	1223	46.2	2120	72.5	138	68.0	316	81.7
No CDT	1356	30.1	1797	37.8	1007	38.0	662	22.6	57	28.1	59	15.2
Total Patients	4501	100.0	4751	100.0	2647	100.0	2924	100.0	203	100.0	387	100.0

RI = Reporting Institution

TABLE 10.5: Number(#) and Relative Proportion(%)according to the Clinical Extent of Disease (Excludes Patients Previously Treated)**Males**

Registry	Localised		Regional		Distant		Others		All Stages	
	#	%	#	%	#	%	#	%	#	%
Mumbai	2486	19.6	9357	73.7	377	3.0	471	3.7	12691	100.0
Bangalore	350	9.3	3154	83.7	250	6.6	13	0.3	3767	100.0
Chennai	223	5.6	3457	86.7	307	7.7	0	0.0	3987	100.0
Thi'puram	829	15.8	4306	81.9	119	2.3	3	0.1	5257	100.0
Chandigarh	71	11.8	527	87.5	4	0.7	0	0.0	602	100.0
Dibrugarh	398	36.0	684	61.8	17	1.5	8	0.7	1107	100.0

Females

Registry	Localised		Regional		Distant		Others		All Stages	
	#	%	#	%	#	%	#	%	#	%
Mumbai	854	22.2	2739	71.3	113	2.9	133	3.5	3839	100.0
Bangalore	340	7.4	3900	84.3	376	8.1	8	0.2	4624	100.0
Chennai	106	4.8	2011	90.2	113	5.1	0	0.0	2230	100.0
Thi'puram	492	17.7	2223	79.9	61	2.2	6	0.2	2782	100.0
Chandigarh	42	21.5	151	77.4	2	1.0	0	0.0	195	100.0
Dibrugarh	132	35.2	226	60.3	12	3.2	5	1.3	375	100.0

Observation of treatments by clinical extent of disease (Tables 10.7 & 10.8) shows the decline in the proportion of patients undergoing surgery with advancing disease and the high proportion of patients with 'distant' disease receiving chemotherapy at Mumbai and Bangalore.

TABLE 10.6: Patients treated only at Reporting Institution: Number(#) and Relative Proportion(%) according to Type of Treatment**Males**

Types of Treatment	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Total patients	8161	100.0	2300	100.0	2074	100.0	3990	100.0	482	100.0	970	100.0
Specific Tmts												
Surgery(S)	2320	28.4	69	3.0	3	0.1	158	4.0	11	2.3	58	6.0
Radiotherapy(R)	3050	37.4	1241	54.0	1794	86.5	2560	64.2	406	84.2	851	87.7
Chemotherapy(C)	651	8.0	346	15.0	2	0.1	59	1.5	1	0.2	6	0.6
S + R	1320	16.2	118	5.1	85	4.1	400	10.0	36	7.5	36	3.7
S + C	184	2.3	16	0.7	7	0.3	11	0.3	0	0.0	4	0.4
R + C	496	6.1	453	19.7	177	8.5	707	17.7	23	4.8	15	1.5
S + R + C	139	1.7	49	2.1	6	0.3	95	2.4	4	0.8	0	0.0
Others	1	0.0	8	0.3	0	0.0	0	0.0	1	0.2	0	0.0
Modality of therapy												
Single	6021	73.8	1656	72.0	1799	86.7	2777	69.6	418	86.7	915	94.3
Combination	2139	26.2	636	27.7	275	13.3	1213	30.4	63	13.1	55	5.7
Type of Any Treatment												
Any Surgery	3963	48.6	252	11.0	101	4.9	664	16.6	51	10.6	98	10.1
Any R	5005	61.3	1862	81.0	2062	99.4	3762	94.3	469	97.3	902	93.0
Any C	1470	18.0	865	37.6	192	9.3	872	21.9	28	5.8	25	2.6

Females

Types of Treatment	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Total patients	2483	100.0	2827	100.0	1223	100.0	2120	100.0	138	100.0	316	100.0
Specific Tmts												
Surgery(S)	954	38.4	90	3.2	3	0.2	154	7.3	3	2.2	14	4.4
Radiotherapy(R)	613	24.7	1102	39.0	1054	86.2	1391	65.6	97	70.3	289	91.5
Chemotherapy(C)	213	8.6	762	27.0	1	0.1	33	1.6	0	0.0	1	0.3
S + R	521	21.0	155	5.5	52	4.3	241	11.4	32	23.2	5	1.6
S + C	58	2.3	47	1.7	3	0.2	6	0.3	0	0.0	2	0.6
R + C	91	3.7	592	20.9	104	8.5	261	12.3	5	3.6	2	0.6
S + R + C	33	1.3	78	2.8	6	0.5	33	1.6	1	0.7	2	0.6
Others	0	0.0	1	0.0	0	0.0	1	0.0	0	0.0	1	0.3
Modality of therapy												
Single	1780	71.7	1954	69.1	1058	86.5	1578	74.4	100	72.5	304	96.2
Combination	703	28.3	872	30.8	165	13.5	541	25.5	38	27.5	11	3.5
Type of Any Treatment												
Any Surgery	1566	63.1	370	13.1	64	5.2	435	20.5	36	26.1	24	7.6
Any R	1258	50.7	1927	68.2	1216	99.4	1926	90.8	135	97.8	299	94.6
Any C	395	15.9	1479	52.3	114	9.3	333	15.7	6	4.3	7	2.2

* Excludes specific treatment classified as 'Others'

TABLE 10.7(a): Patients treated only at Reporting Institution: Number(#) and Relative Proportion(%) by Type of Treatment given according to Clinical Extent of Disease**Males**

Types of Treatment at RI	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
LOCALISED												
Surgery(S)	1020	52.9	22	10.3	2	1.2	64	9.5	4	6.3	30	8.2
Radiotherapy(R)	622	32.2	131	61.2	147	91.3	493	73.0	49	77.8	320	87.4
Chemotherapy(C)	5	0.3	10	4.7	0	0.0	6	0.9	0	0.0	1	0.3
S + R	215	11.1	23	10.7	6	3.7	49	7.3	7	11.1	10	2.7
S + C	20	1.0	2	0.9	1	0.6	1	0.1	0	0.0	2	0.5
R + C	36	1.9	20	9.3	5	3.1	56	8.3	3	4.8	3	0.8
S + R + C	11	0.6	6	2.8	0	0.0	6	0.9	0	0.0	0	0.0
Others	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Patients	1929	100.0	214	100.0	161	100.0	675	100.0	63	100.0	366	100.0
REGIONAL												
Surgery(S)	1282	21.1	45	2.3	1	0.1	94	2.9	7	1.7	27	4.6
Radiotherapy(R)	2372	39.1	1052	53.8	1636	86.1	2023	62.2	354	85.1	520	88.4
Chemotherapy(C)	589	9.7	290	14.8	2	0.1	46	1.4	1	0.2	2	0.3
S + R	1088	17.9	94	4.8	79	4.2	349	10.7	29	7.0	25	4.3
S + C	163	2.7	13	0.7	6	0.3	10	0.3	0	0.0	2	0.3
R + C	449	7.4	416	21.3	170	8.9	641	19.7	20	4.8	12	2.0
S + R + C	127	2.1	42	2.1	6	0.3	88	2.7	4	1.0	0	0.0
Others	1	0.0	4	0.2	0	0.0	0	0.0	1	0.2	0	0.0
Total Patients	6071	100.0	1956	100.0	1900	100.0	3251	100.0	416	100.0	588	100.0
DISTANT												
Surgery(S)	4	3.9	0	0.0	0	0.0	0	0.0	0	0.0	1	7.7
Radiotherapy(R)	27	26.5	54	44.3	11	84.6	43	68.3	3	100.0	8	61.5
Chemotherapy(C)	57	55.9	45	36.9	0	0.0	7	11.1	0	0.0	3	23.1
S + R	1	1.0	0	0.0	0	0.0	2	3.2	0	0.0	1	7.7
S + C	1	1.0	1	0.8	0	0.0	0	0.0	0	0.0	0	0.0
R + C	11	10.8	17	13.9	2	15.4	10	15.9	0	0.0	0	0.0
S + R + C	1	1.0	1	0.8	0	0.0	1	1.6	0	0.0	0	0.0
Others	0	0.0	4	3.3	0	0.0	0	0.0	0	0.0	0	0.0
Total Patients	102	100.0	122	100.0	13	100.0	63	100.0	3	100.0	13	100.0

There were no patients in almost all registres where the clinical extent was stated to be 'Others'.

TABLE 10.7(b): Patients treated only at Reporting Institution: Number(#) and Relative Proportion(%) by Type of Treatment given according to Clinical Extent of Disease**Females**

Types of Treatment at RI	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
LOCALISED												
Surgery(S)	419	62.0	16	7.8	1	1.4	69	17.2	2	5.4	6	5.1
Radiotherapy(R)	150	22.2	99	48.1	62	86.1	263	65.4	25	67.6	105	89.7
Chemotherapy(C)	4	0.6	21	10.2	0	0.0	5	1.2	0	0.0	0	0.0
S + R	86	12.7	26	12.6	5	6.9	30	7.5	8	21.6	2	1.7
S + C	3	0.4	2	1.0	0	0.0	0	0.0	0	0.0	2	1.7
R + C	11	1.6	35	17.0	3	4.2	28	7.0	1	2.7	1	0.9
S + R + C	3	0.4	7	3.4	1	1.4	6	1.5	1	2.7	0	0.0
Others	0	0.0	0	0.0	0	0.0	1	0.2	0	0.0	1	0.9
Total Patients	676	100.0	206	100.0	72	100.0	402	100.0	37	100.0	117	100.0
REGIONAL												
Surgery(S)	524	29.7	72	3.0	2	0.2	84	5.0	1	1.0	7	3.8
Radiotherapy(R)	452	25.6	971	39.9	986	86.2	1110	65.8	71	71.0	172	92.5
Chemotherapy(C)	195	11.1	620	25.5	1	0.1	24	1.4	0	0.0	1	0.5
S + R	432	24.5	126	5.2	46	4.0	209	12.4	24	24.0	3	1.6
S + C	55	3.1	42	1.7	3	0.3	6	0.4	0	0.0	0	0.0
R + C	77	4.4	534	21.9	101	8.8	229	13.6	4	4.0	1	0.5
S + R + C	29	1.6	68	2.8	5	0.4	25	1.5	0	0.0	2	1.1
Others	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Patients	1764	100.0	2433	100.0	1144	100.0	1687	100.0	100	100.0	186	100.0
DISTANT												
Surgery(S)	1	4.3	0	0.0	0	0.0	0	0.0	0	0.0	1	12.5
Radiotherapy(R)	3	13.0	31	16.9	6	85.7	15	55.6	1	100.0	7	87.5
Chemotherapy(C)	14	60.9	119	65.0	0	0.0	4	14.8	0	0.0	0	0.0
S + R	1	4.3	3	1.6	1	14.3	2	7.4	0	0.0	0	0.0
S + C	0	0.0	3	1.6	0	0.0	0	0.0	0	0.0	0	0.0
R + C	3	13.0	23	12.6	0	0.0	4	14.8	0	0.0	0	0.0
S + R + C	1	4.3	3	1.6	0	0.0	2	7.4	0	0.0	0	0.0
Others	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0	0	0.0
Total Patients	23	100.0	183	100.0	7	100.0	27	100.0	1	100.0	8	100.0

There were no patients in almost all registres where the clinical extent was stated to be 'Others'.

TABLE 10.8(a): Patients treated only at Reporting Institution: Number(#) and Proportion(%) of Any Specific Treatment Procedure relative to all treated patients according to Clinical Extent of Disease

Males

	Any Surgery		Any Radiotherapy		Any Chemotherapy		Any Others		Total
	#	%	#	%	#	%	#	%	Patients
LOCALISED									
Mumbai	1266	65.6	884	45.8	72	3.7	0	0.0	1929
Bangalore	53	24.8	180	84.1	38	17.8	0	0.0	214
Chennai	9	5.6	158	98.1	6	3.7	0	0.0	161
Thi'puram	120	17.8	604	89.5	69	10.2	0	0.0	675
Chandigarh	11	17.5	59	93.7	3	4.8	0	0.0	63
Dibrugarh	42	11.5	333	91.0	6	1.6	0	0.0	366
REGIONAL									
Mumbai	2660	43.8	4036	66.5	1328	21.9	1	0.0	6071
Bangalore	194	9.9	1605	82.1	762	39.0	4	0.2	1956
Chennai	92	4.8	1891	99.5	184	9.7	0	0.0	1900
Thi'puram	541	16.6	3101	95.4	785	24.1	0	0.0	3251
Chandigarh	40	9.6	407	97.8	25	6.0	1	0.2	416
Dibrugarh	54	9.2	557	94.7	16	2.7	0	0.0	588
DISTANT									
Mumbai	7	6.9	40	39.2	70	68.6	0	0.0	102
Bangalore	2	1.6	72	59.0	64	52.5	4	3.3	122
Chennai	0	0.0	13	100.0	2	15.4	0	0.0	13
Thi'puram	3	4.8	56	88.9	18	28.6	0	0.0	63
Chandigarh	0	0.0	3	100.0	0	0.0	0	0.0	3
Dibrugarh	2	15.4	9	69.2	3	23.1	0	0.0	13

There were no patients in almost all registries when the clinical extent was stated to be 'Others'.

TABLE 10.8(b): Patients treated only at Reporting Institution: Number(#) and Proportion(%) of Any Specific Treatment Procedure relative to all treated patients according to Clinical Extent of Disease

Females

	Any Surgery		Any Radiotherapy		Any Chemotherapy		Any Others		Total Patients
	#	%	#	%	#	%	#	%	
LOCALISED									
Mumbai	511	75.6	250	37.0	21	3.1	0	0.0	676
Bangalore	51	24.8	167	81.1	65	31.6	0	0.0	206
Chennai	7	9.7	71	98.6	4	5.6	0	0.0	72
Thi'puram	106	26.4	327	81.3	39	9.7	1	0.2	402
Chandigarh	11	29.7	35	94.6	2	5.4	0	0.0	37
Dibrugarh	11	9.4	109	93.2	3	2.6	1	0.9	117
REGIONAL									
Mumbai	1040	59.0	990	56.1	356	20.2	0	0.0	1764
Bangalore	308	12.7	1699	69.8	1264	52.0	0	0.0	2433
Chennai	56	4.9	1138	99.5	110	9.6	0	0.0	1144
Thi'puram	324	19.2	1573	93.2	284	16.8	0	0.0	1687
Chandigarh	25	25.0	99	99.0	4	4.0	0	0.0	100
Dibrugarh	12	6.5	178	95.7	4	2.2	0	0.0	186
DISTANT									
Mumbai	3	13.0	8	34.8	18	78.3	0	0.0	23
Bangalore	9	4.9	60	32.8	148	80.9	1	0.5	183
Chennai	1	14.3	7	100.0	0	0.0	0	0.0	7
Thi'puram	4	14.8	23	85.2	10	37.0	0	0.0	27
Chandigarh	0	0.0	1	100.0	0	0.0	0	0.0	1
Dibrugarh	1	12.5	7	87.5	0	0.0	0	0.0	8

There were no patients in almost all registries when the clinical extent was stated to be 'Others'.

Chapter 11

CERVIX

Cancer of the cervix (ICD-9:180) was the most common cancer in women in all registries except Thiruvananthapuram (Table 11.1) and the relative proportion of these cancers varied from 17.4% in Dibrugarh to 42.2% in Chennai.

The five-year age distribution (Table 11.2) shows a peak relative proportion between 45-49 years in Mumbai, Bangalore and Chennai. This peak is in the slightly higher age group at other registries.

Table 11.3 gives the number and relative proportion of the basis of diagnosis, while Table 11.4 gives an idea of the proportions in the broad treatment groups.

The proportion of patients who were grouped as 'No Cancer Directed' treatment was comparatively higher in Mumbai, Bangalore and Chennai. The proportions of cervix cancers presenting with localised disease (Table 11.5) was less than 10% in Bangalore, Chennai and Chandigarh and between 11 and 14% in the other registries.

Radiotherapy was the predominant mode of treatment (Table 11.6) in all centres and the relative proportion of patients having received surgery was less than 5% in all registries except Mumbai and Dibrugarh.

The relative proportions of various types of treatment according to clinical extent of disease are shown in Tables 11.7 and 11.8.

TABLE 11.1: Number (#), Relative Proportion(%) and Rank(R) of cancers of the cervix

Registry	Total	#	%	R
Mumbai	61602	17030	27.6	1
Bangalore	36188	14607	40.4	1
Chennai	28685	12113	42.2	1
Thi'puram	23604	4837	20.5	2
Chandigarh	7383	2939	39.8	1
Dibrugarh	3736	650	17.4	1

TABLE 11.2: Number(#) and Relative Proportion(%) according to five-year age group

Age Group	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
0- 4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
5- 9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
10-14	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	2	0.0	3	0.0	4	0.0	0	0.0	0	0.0	0	0.0
20-24	54	0.3	67	0.5	42	0.3	5	0.1	9	0.3	7	1.1
25-29	342	2.0	321	2.2	263	2.2	31	0.6	56	1.9	13	2.0
30-34	935	5.5	797	5.5	673	5.6	117	2.4	191	6.5	55	8.5
35-39	1990	11.7	1784	12.2	1437	11.9	346	7.2	350	11.9	105	16.2
40-44	2720	16.0	2165	14.8	1812	15.0	456	9.4	412	14.0	107	16.5
45-49	3070	18.0	2738	18.7	2376	19.6	712	14.7	508	17.3	106	16.3
50-54	2597	15.2	2336	16.0	2034	16.8	727	15.0	536	18.2	110	16.9
55-59	2055	12.1	1579	10.8	1554	12.8	779	16.1	405	13.8	67	10.3
60-64	1667	9.8	1543	10.6	1113	9.2	689	14.2	256	8.7	49	7.5
65-69	882	5.2	719	4.9	490	4.0	509	10.5	127	4.3	23	3.5
70-74	476	2.8	357	2.4	219	1.8	254	5.3	61	2.1	4	0.6
75+	215	1.3	198	1.4	96	0.8	212	4.4	28	1.0	4	0.6
ANS	25	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All Ages	17030	100.0	14607	100.0	12113	100.0	4837	100.0	2939	100.0	650	100.0

TABLE 11.3: Number(#) and Relative Proportion(%) based on different methods of diagnosis

Registry	Microscopic		Clinical		X-ray		Others		Total	
	#	%	#	%	#	%	#	%	#	%
Mumbai	16277	95.6	285	1.7	27	0.2	441	2.6	17030	100.0
Bangalore	14229	97.4	253	1.7	0	0.0	125	0.9	14607	100.0
Chennai	8031	66.3	4081	33.7	0	0.0	1	0.0	12113	100.0
Thi'puram	4407	91.1	416	8.6	9	0.2	5	0.1	4837	100.0
Chandigarh	2875	97.8	64	2.2	0	0.0	0	0.0	2939	100.0
Dibrugarh	615	94.6	32	4.9	1	0.2	2	0.3	650	100.0

TABLE 11.4: Number(#) and Relative Proportion(%) according to Broad Groups of Treatment(Tmt.)

Treatment Group	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Prior Tmt. Only	1393	8.2	404	2.8	1141	9.4	66	1.4	55	1.9	8	1.2
Prior & Tmt. at RI	1585	9.3	402	2.8	140	1.2	210	4.3	348	11.8	29	4.5
Tmt. Only at RI	9380	55.1	7738	53.0	5412	44.7	3654	75.5	1960	66.7	547	84.2
No CDT	4672	27.4	6063	41.5	5420	44.7	907	18.8	576	19.6	66	10.2
Total Patients	17030	100.0	14607	100.0	12113	100.0	4837	100.0	2939	100.0	650	100.0

TABLE 11.5: Number(#) and Relative Proportion(%) according to the Clinical Extent of Disease (Excludes Patients Previously Treated)

Registry	Localised		Regional		Distant		Others		All Stages	
	#	%	#	%	#	%	#	%	#	%
Mumbai	1659	11.8	10982	78.2	1015	7.2	396	2.8	14052	100.0
Bangalore	508	3.7	12215	88.5	1052	7.6	26	0.2	13801	100.0
Chennai	592	5.5	9809	90.6	430	4.0	1	0.0	10832	100.0
Thi'puram	641	14.1	3771	82.7	146	3.2	3	0.1	4561	100.0
Chandigarh	95	3.7	2394	94.4	44	1.7	3	0.1	2536	100.0
Dibrugarh	73	11.9	469	76.5	62	10.1	9	1.5	613	100.0

TABLE 11.6: Patients treated Only at Reporting Institution: Number(#) and Relative Proportion(%) according to Type of Treatment given

	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Total patients	9380	100.0	7738	100.0	5412	100.0	3654	100.0	1960	100.0	547	100.0
Specific Tmts												
Surgery(S)	409	4.4	59	0.8	21	0.4	32	0.9	4	0.2	52	9.5
Radiotherapy(R)	7892	84.1	7398	95.6	4890	90.4	3345	91.5	1925	98.2	444	81.2
Chemotherapy(C)	44	0.5	13	0.2	8	0.1	17	0.5	1	0.1	3	0.5
S + R	832	8.9	123	1.6	118	2.2	66	1.8	14	0.7	33	6.0
S + C	9	0.1	2	0.0	2	0.0	1	0.0	0	0.0	2	0.4
R + C	162	1.7	99	1.3	365	6.7	185	5.1	16	0.8	11	2.0
S + R + C	31	0.3	18	0.2	7	0.1	5	0.1	0	0.0	1	0.2
Others	1	0.0	26	0.3	1	0.0	3	0.1	0	0.0	1	0.2
Modality of therapy												
Single	8345	89.0	7470	96.5	4919	90.9	3394	92.9	1930	98.5	499	91.2
Combination	1034	11.0	242	3.1	492	9.1	257	7.0	30	1.5	47	8.6
Type of Any Treatment												
Any Surgery	1282	13.7	202	2.6	148	2.7	105	2.9	18	0.9	89	16.3
Any R	8918	95.1	7639	98.7	5381	99.4	3602	98.6	1955	99.7	490	89.6
Any C	246	2.6	133	1.7	382	7.1	208	5.7	17	0.9	17	3.1

TABLE 11.7: Patients treated Only at Reporting Institution: Number(#) and Relative Proportion(%) by Type of Treatment given according to Clinical Extent of Disease

Types of Treatment at RI	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Localised												
Surgery(S)	353	26.9	43	12.9	10	2.1	23	4.3	4	4.8	23	33.3
Radiotherapy(R)	506	38.5	240	72.1	400	85.8	463	87.5	77	91.7	37	53.6
Chemotherapy(C)	1	0.1	0	0.0	0	0.0	2	0.4	0	0.0	0	0.0
S + R	417	31.7	40	12.0	50	10.7	24	4.5	3	3.6	9	13.0
S + C	3	0.2	1	0.3	0	0.0	1	0.2	0	0.0	0	0.0
R + C	17	1.3	5	1.5	3	0.6	15	2.8	0	0.0	0	0.0
S + R + C	17	1.3	4	1.2	2	0.4	0	0.0	0	0.0	0	0.0
Others	0	0.0	0	0.0	1	0.2	1	0.2	0	0.0	0	0.0
Total Patients	1314	100.0	333	100.0	466	100.0	529	100.0	84	100.0	69	100.0
Regional												
Surgery(S)	54	0.7	13	0.2	11	0.2	9	0.3	0	0.0	25	6.0
Radiotherapy(R)	7166	91.8	6907	96.8	4464	90.8	2803	92.5	1821	98.7	356	85.0
Chemotherapy(C)	30	0.4	12	0.2	5	0.1	12	0.4	0	0.0	1	0.2
S + R	407	5.2	80	1.1	68	1.4	41	1.4	11	0.6	24	5.7
S + C	5	0.1	1	0.0	2	0.0	0	0.0	0	0.0	1	0.2
R + C	133	1.7	90	1.3	359	7.3	158	5.2	13	0.7	10	2.4
S + R + C	14	0.2	14	0.2	5	0.1	5	0.2	0	0.0	1	0.2
Others	1	0.0	16	0.2	0	0.0	2	0.1	0	0.0	1	0.2
Total Patients	7810	100.0	7133	100.0	4914	100.0	3030	100.0	1845	100.0	419	100.0
Distant												
Surgery(S)	1	0.4	3	1.2	0	0.0	0	0.0	0	0.0	4	7.7
Radiotherapy(R)	200	85.8	237	91.9	26	81.3	76	82.6	24	85.7	44	84.6
Chemotherapy(C)	13	5.6	1	0.4	3	9.4	3	3.3	1	3.6	2	3.8
S + R	6	2.6	3	1.2	0	0.0	1	1.1	0	0.0	0	0.0
S + C	1	0.4	0	0.0	0	0.0	0	0.0	0	0.0	1	1.9
R + C	12	5.2	4	1.6	3	9.4	12	13.0	3	10.7	1	1.9
S + R + C	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Others	0	0.0	10	3.9	0	0.0	0	0.0	0	0.0	0	0.0
Total Patients	233	100.0	258	100.0	32	100.0	92	100.0	28	100.0	52	100.0
Others												
Surgery(S)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Radiotherapy(R)	13	100.0	9	100.0	0	0.0	1	100.0	3	100.0	7	100.0
Chemotherapy(C)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
S + R	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
S + C	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
R + C	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
S + R + C	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Others	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Total Patients	13	100.0	9	100.0	0	0.0	1	100.0	3	100.0	7	100.0

TABLE 11.8: Patients treated Only at Reporting Institution: Number(#) and Proportion(%) by Any Specific Treatment procedure relative to all treated patients according to Clinical Extent of Disease

Registry	Any Surgery		Any Radiotherapy		Any Chemotherapy		Any Others		Total Patients
	#	%	#	%	#	%	#	%	
Localised									
Mumbai	790	60.1	957	72.8	38	2.9	0	0.0	1314
Bangalore	88	26.4	289	86.8	10	3.0	0	0.0	333
Chennai	62	13.3	456	97.9	5	1.1	1	0.2	466
Thi'puram	49	9.3	502	94.9	18	3.4	1	0.2	529
Chandigarh	7	8.3	80	95.2	0	0.0	0	0.0	84
Dibrugarh	32	46.4	46	66.7	0	0.0	0	0.0	69
Regional									
Mumbai	481	6.2	7721	98.9	182	2.3	1	0.0	7810
Bangalore	108	1.5	7092	99.4	118	1.7	16	0.2	7133
Chennai	86	1.8	4896	99.6	371	7.5	0	0.0	4914
Thi'puram	55	1.8	3008	99.3	175	5.8	2	0.1	3030
Chandigarh	11	0.6	1845	100.0	13	0.7	0	0.0	1845
Dibrugarh	52	12.4	392	93.6	13	3.1	1	0.2	419
Distant									
Mumbai	8	3.4	218	93.6	26	11.2	0	0.0	233
Bangalore	6	2.3	244	94.6	5	1.9	10	3.9	258
Chennai	0	0.0	29	90.6	6	18.8	0	0.0	32
Thi'puram	1	1.1	89	96.7	15	16.3	0	0.0	92
Chandigarh	0	0.0	27	96.4	4	14.3	0	0.0	28
Dibrugarh	5	9.6	45	86.5	4	7.7	0	0.0	52
Others									
Mumbai	0	0.0	13	100.0	0	0.0	0	0.0	13
Bangalore	0	0.0	9	100.0	0	0.0	0	0.0	9
Chennai	0	0.0	0	0.0	0	0.0	0	0.0	0
Thi'puram	0	0.0	1	100.0	0	0.0	0	0.0	1
Chandigarh	0	0.0	3	100.0	0	0.0	0	0.0	3
Dibrugarh	0	0.0	7	100.0	0	0.0	0	0.0	7

Chapter 12

FEMALE BREAST

Cancer of the female breast (ICD-9:174) was the most common cancer in women in Thiruvananthapuram (Table 12.1), the second most common in the registries at Mumbai, Chennai and Chandigarh, while in Bangalore and Dibrugarh it was the third most frequent site. The relative proportion of cancer breast in females varied from 17.0% in Dibrugarh to 23% in Mumbai.

The five-year age distribution (Table 12.2) shows a peak relative proportion between 45-49 years in all registries except Dibrugarh where the peak is seen in the ten-year younger age group - 35-39 years.

Table 12.3 gives the number and relative proportion of the basis of diagnosis, with over 85% of cancers in all registries recording a microscopic diagnosis.

Compared to similar proportions in other sites of cancer, the proportion of breast cancers categorised as 'No' treatment is low in all registries (Table 12.4) whereas the proportion that have undergone prior treatment is comparatively high.

The proportions of breast cancers presenting with localised disease (Table 12.5) varies from 2.6% at Chennai to 31.9% at Mumbai.

Surgery as a modality of treatment either singly or in combination was received by over 79% of patients in all registries (Table 12.6) except Chennai.

The relative proportions of various types of treatment according to clinical extent of disease are shown in Tables 12.7 and 12.8.

TABLE 12.1: Number(#), Relative Proportion(%) and Rank(R) of female breast cancers

Registry	Total	#	%	R
Mumbai	61602	14160	23.0	2
Bangalore	36188	4109	11.4	3
Chennai	28685	4546	15.8	2
Thi'puram	23604	5123	21.7	1
Chandigarh	7383	1132	15.3	2
Dibrugarh	3736	412	11.0	3

TABLE 12.2: Number(#) and Relative Proportion(%) according to five-year age group

Age Group	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
0- 4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
5- 9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
10-14	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
15-19	3	0.0	7	0.2	6	0.1	1	0.0	1	0.1	0	0.0
20-24	84	0.6	40	1.0	22	0.5	34	0.7	6	0.5	6	1.5
25-29	451	3.2	145	3.5	127	2.8	164	3.2	42	3.7	31	7.5
30-34	1076	7.6	245	6.0	289	6.4	354	6.9	101	8.9	42	10.2
35-39	1794	12.7	513	12.5	575	12.6	668	13.0	155	13.7	81	19.7
40-44	2253	15.9	585	14.2	654	14.4	767	15.0	179	15.8	76	18.4
45-49	2404	17.0	677	16.5	742	16.3	886	17.3	203	17.9	63	15.3
50-54	2085	14.7	617	15.0	711	15.6	696	13.6	147	13.0	47	11.4
55-59	1471	10.4	423	10.3	547	12.0	618	12.1	121	10.7	31	7.5
60-64	1132	8.0	380	9.2	386	8.5	424	8.3	82	7.2	21	5.1
65-69	704	5.0	232	5.6	237	5.2	267	5.2	55	4.9	9	2.2
70-74	397	2.8	135	3.3	148	3.3	139	2.7	32	2.8	4	1.0
75+	280	2.0	110	2.7	102	2.2	103	2.0	8	0.7	1	0.2
ANS	26	0.2	0	0.0	0	0.0	2	0.0	0	0.0	0	0.0
All Ages	14160	100.0	4109	100.0	4546	100.0	5123	100.0	1132	100.0	412	100.0

TABLE 12.3: Number(#) and Relative Proportion(%) based on different methods of diagnosis

Registry	Microscopic		Clinical		X-ray		Others		Total	
	#	%	#	%	#	%	#	%	#	%
Mumbai	12344	87.2	343	2.4	77	0.5	1396	9.9	14160	100.0
Bangalore	3849	93.7	134	3.3	11	0.3	115	2.8	4109	100.0
Chennai	3845	84.6	680	15.0	21	0.5	0	0.0	4546	100.0
Thi'puram	4868	95.0	218	4.3	12	0.2	25	0.5	5123	100.0
Chandigarh	1113	98.3	14	1.2	4	0.4	1	0.1	1132	100.0
Dibrugarh	372	90.3	13	3.2	7	1.7	20	4.9	412	100.0

TABLE 12.4: Number(#) and Relative Proportion(%) according to Broad Groups of Treatment(Tmt)

Treatment Group	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Prior Tmt. Only	3107	21.9	746	18.2	963	21.2	658	12.8	101	8.9	2	0.5
Prior & Tmt. at RI	5079	35.9	1385	33.7	930	20.5	2076	40.5	344	30.4	48	11.7
Tmt. Only at RI	4726	33.4	1189	28.9	1879	41.3	2049	40.0	547	48.3	332	80.6
No CDT	1248	8.8	789	19.2	774	17.0	340	6.6	140	12.4	30	7.3
Total Patients	14160	100.0	4109	100.0	4546	100.0	5123	100.0	1132	100.0	412	100.0

TABLE 12.5: Number(#) and Relative Proportion(%) according to the Clinical Extent of Disease (Excludes Patients Previously Treated)

Registry	Localised		Regional		Distant		Others		All Stages	
	#	%	#	%	#	%	#	%	#	%
Mumbai	1908	31.9	3100	51.9	723	12.1	243	4.1	5974	100.0
Bangalore	316	16.0	1226	62.0	410	20.7	26	1.3	1978	100.0
Chennai	70	2.6	2086	78.6	495	18.7	2	0.1	2653	100.0
Thi'puram	441	18.5	1700	71.2	240	10.0	8	0.3	2389	100.0
Chandigarh	98	14.3	491	71.5	98	14.3	0	0.0	687	100.0
Dibrugarh	48	13.3	253	69.9	56	15.5	5	1.4	362	100.0

TABLE 12.6: Patients Treated Only at Reporting Institution: Number(#) and Relative Proportion(%) according to Type of Treatment given

	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Total	4726	100.0	1189	100.0	1879	100.0	2049	100.0	547	100.0	332	100.0
Specific Tmts												
Surgery(S)	1264	26.7	80	6.7	14	0.7	567	27.7	21	3.8	136	41.0
Radiotherapy(R)	120	2.5	24	2.0	23	1.2	63	3.1	3	0.5	48	14.5
Chemotherapy(C)	315	6.7	82	6.9	105	5.6	33	1.6	9	1.6	10	3.0
S + R	370	7.8	163	13.7	13	0.7	365	17.8	198	36.2	122	36.7
S + C	835	17.7	58	4.9	10	0.5	49	2.4	4	0.7	8	2.4
R + C	126	2.7	17	1.4	559	29.7	64	3.1	7	1.3	4	1.2
S + R + C	570	12.1	309	26.0	393	20.9	307	15.0	133	24.3	3	0.9
Others	1126	23.8	456	38.4	762	40.6	601	29.3	172	31.4	1	0.3
Modality of therapy												
Single	1699	36.0	186	15.6	142	7.6	663	32.4	33	6.0	194	58.4
Combination	1901	40.2	547	46.0	975	51.9	785	38.3	342	62.5	137	41.3
Type of Any Treatment												
Any Surgery	3937	83.3	943	79.3	725	38.6	1730	84.4	459	83.9	270	81.3
Any R	1547	32.7	796	66.9	1523	81.1	1251	61.1	455	83.2	178	53.6
Any C	2293	48.5	644	54.2	1665	88.6	565	27.6	242	44.2	25	7.5

TABLE 12.7: Patients Treated Only at Reporting Institution: Number(#) and Relative Proportion(%) by Type of Treatment given according to Clinical Extent of Disease

Types of Treatment at RI	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Localised												
Surgery(S)	865	52.9	28	13.1	2	3.6	220	54.6	8	9.4	33	70.2
Radiotherapy(R)	18	1.1	3	1.4	0	0.0	6	1.5	1	1.2	3	6.4
Chemotherapy(C)	2	0.1	1	0.5	2	3.6	1	0.2	0	0.0	0	0.0
S + R	201	12.3	40	18.8	2	3.6	101	25.1	59	69.4	11	23.4
S + C	180	11.0	6	2.8	0	0.0	4	1.0	0	0.0	0	0.0
R + C	4	0.2	2	0.9	8	14.5	3	0.7	0	0.0	0	0.0
S + R + C	75	4.6	63	29.6	15	27.3	15	3.7	12	14.1	0	0.0
Others	291	17.8	70	32.9	26	47.3	53	13.2	5	5.9	0	0.0
Total Patients	1636	100.0	213	100.0	55	100.0	403	100.0	85	100.0	47	100.0
Regional												
Surgery(S)	355	13.5	45	6.0	12	0.8	335	23.0	12	3.1	98	40.8
Radiotherapy(R)	58	2.2	8	1.1	21	1.4	43	3.0	0	0.0	25	10.4
Chemotherapy(C)	172	6.5	32	4.2	56	3.7	14	1.0	2	0.5	2	0.8
S + R	159	6.1	114	15.1	11	0.7	254	17.4	138	35.8	104	43.3
S + C	637	24.2	42	5.6	9	0.6	42	2.9	4	1.0	6	2.5
R + C	86	3.3	14	1.9	486	32.0	48	3.3	3	0.8	1	0.4
S + R + C	484	18.4	237	31.3	373	24.5	279	19.1	119	30.8	3	1.3
Others	677	25.8	264	34.9	553	36.4	442	30.3	108	28.0	1	0.4
Total Patients	2628	100.0	756	100.0	1521	100.0	1457	100.0	386	100.0	240	100.0
Distant												
Surgery(S)	11	2.8	6	2.9	0	0.0	10	5.4	1	1.3	4	10.0
Radiotherapy(R)	19	4.9	9	4.4	2	0.7	14	7.6	2	2.6	16	40.0
Chemotherapy(C)	137	35.3	47	22.8	47	15.5	18	9.8	7	9.2	8	20.0
S + R	2	0.5	8	3.9	0	0.0	9	4.9	1	1.3	7	17.5
S + C	17	4.4	9	4.4	1	0.3	3	1.6	0	0.0	2	5.0
R + C	36	9.3	1	0.5	65	21.5	13	7.1	4	5.3	3	7.5
S + R + C	10	2.6	8	3.9	5	1.7	13	7.1	2	2.6	0	0.0
Others	156	40.2	118	57.3	183	60.4	104	56.5	59	77.6	0	0.0
Total Patients	388	100.0	206	100.0	303	100.0	184	100.0	76	100.0	40	100.0
Other												
Surgery(S)	17	39.5	1	12.5	0	0.0	1	25.0	0	0.0	1	20.0
Radiotherapy(R)	16	37.2	4	50.0	0	0.0	0	0.0	0	0.0	4	80.0
Chemotherapy(C)	4	9.3	1	12.5	0	0.0	0	0.0	0	0.0	0	0.0
S + R	3	7.0	0	0.0	0	0.0	1	25.0	0	0.0	0	0.0
S + C	1	2.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
R + C	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
S + R + C	1	2.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Others	1	2.3	2	25.0	0	0.0	2	50.0	0	0.0	0	0.0
Total Patients	43	100.0	8	100.0	0	0.0	4	100.0	0	0.0	5	100.0

TABLE 12.8: Patients Treated Only at Reporting Institution: Number(#) and Proportion(%) by Any Specific Treatment relative to all treated patients according to Clinical Extent of Disease

	Any Surgery		Any Radiotherapy		Any Chemotherapy		Any Others		Total Patients
	#	%	#	%	#	%	#	%	
Localised									
Mumbai	1607	98.2	339	20.7	299	18.3	291	17.8	1636
Bangalore	199	93.4	164	77.0	92	43.2	70	32.9	213
Chennai	43	78.2	36	65.5	36	65.5	26	47.3	55
Thi'puram	389	96.5	152	37.7	23	5.7	53	13.2	403
Chandigarh	84	98.8	75	88.2	13	15.3	5	5.9	85
Dibrugarh	44	93.6	14	29.8	0	0.0	0	0.0	47
Regional									
Mumbai	2214	84.2	1052	40.0	1691	64.3	677	25.8	2628
Bangalore	677	89.6	573	75.8	427	56.5	264	34.9	756
Chennai	670	44.0	1332	87.6	1365	89.7	553	36.4	1521
Thi'puram	1263	86.7	974	66.8	459	31.5	442	30.3	1457
Chandigarh	354	91.7	350	90.7	177	45.9	108	28.0	386
Dibrugarh	212	88.3	134	55.8	12	5.0	1	0.4	240
Distant									
Mumbai	72	18.6	120	30.9	297	76.5	156	40.2	388
Bangalore	61	29.6	52	25.2	118	57.3	118	57.3	206
Chennai	12	4.0	155	51.2	264	87.1	183	60.4	303
Thi'puram	73	39.7	122	66.3	82	44.6	104	56.5	184
Chandigarh	21	27.6	30	39.5	52	68.4	59	77.6	76
Dibrugarh	13	32.5	26	65.0	13	32.5	0	0.0	40
Other									
Mumbai	23	53.5	21	48.8	6	14.0	1	2.3	43
Bangalore	3	37.5	5	62.5	3	37.5	2	25.0	8
Chennai	0	0.0	0	0.0	0	0.0	0	0.0	0
Thi'puram	4	100.0	3	75.0	1	25.0	2	50.0	4
Chandigarh	0	0.0	0	0.0	0	0.0	0	0.0	0
Dibrugarh	1	20.0	4	80.0	0	0.0	0	0.0	5

Chapter 13

SUB-SITE DISTRIBUTION OF SELECTED SITES OF CANCER

This chapter gives the sub-site distribution of two relevant sites of cancer, viz., oral cavity and oesophagus.

Oral Cancers (ICD-9: 140, 141, 143-145)

Tables 13.1 and 13.2 below give the sub-site distribution of cancers of the oral cavity for the combined data of all registries as well as for that for individual registries.

The relative proportion of base tongue cancers is higher than that of the anterior tongue among males in the combined data as well as in all the registries except at Thiruvananthapuram (1:3). The difference in this proportion varies from over 6 times in Bangalore (6.6:1) and Dibrugarh (6.7:1) to less than 2 times in Mumbai (1.9:1) and Chennai (1.3:1), with the registry at Chandigarh having a ratio of 3:1. Among females, the relative proportion of cancers of the base of tongue is less than that seen in males in all registries. However, when compared with the relative proportion of cancer of the anterior tongue in the same sex, base tongue cancers are much less in Thiruvananthapuram (ratio of base tongue to anterior tongue cancers = 1:15), Chennai (1:3.5) and Mumbai (1:2). In Chandigarh females the ratio of base tongue to anterior tongue cancers is about 3:4, in Bangalore 1.2:1, whereas in Dibrugarh it is 4.7:1.

The relative proportion of cancers of the floor of the mouth was higher among males compared to females in all registries except Dibrugarh. Similarly the relative proportion of cancers of the Buccal mucosa was higher in females compared to males in all registries.

Oesophagus (ICD-9: 150)

Tables 13.3 and 13.4 below give the sub-site distribution of cancers of the oesophagus for the combined data of all registries as well as that for individual registries. Unlike that seen for cancers of the oral cavity the distribution between the different sites does not show variation by registry or by sex.

TABLE 13.1: Oral Cancers- Number (#) and Relative Proportion (%) according to sub-site

Sub-site	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
Lip	367	2.4	73	1.8	139	2.9	155	2.8	10	1.6	66	5.9
Base of Tongue	4493	29.8	1307	33.0	1025	21.1	418	7.4	299	48.4	491	43.5
Anterior Tongue	2351	15.6	198	5.0	809	16.6	1287	22.9	100	16.2	73	6.5
Tongue NOS*	102	0.7	300	7.6	96	2.0	135	2.4	2	0.3	55	4.9
Gum	1872	12.4	473	11.9	567	11.7	655	11.7	47	7.6	85	7.5
Floor of Mouth	513	3.4	235	5.9	294	6.0	305	5.4	22	3.6	34	3.0
Buccal Mucosa.	3972	26.3	745	18.8	1217	25.0	2092	37.3	91	14.7	176	15.6
Other Mouth	1413	9.4	619	15.6	701	14.4	540	9.6	43	7.0	136	12.1
Oral NOS*	1	0.0	13	0.3	16	0.3	28	0.5	4	0.6	12	1.1
Total Oral Cancers	15084	100.0	3963	100.0	4864	100.0	5615	100.0	618	100.0	1128	100.0
FEMALES												
Lip	136	3.0	67	1.4	81	3.1	172	5.9	8	3.9	28	7.2
Base of Tongue	443	9.8	106	2.2	95	3.6	46	1.6	37	18.2	113	29.2
Anterior Tongue	977	21.7	85	1.8	334	12.6	718	24.6	51	25.1	24	6.2
Tongue NOS*	26	0.6	161	3.4	19	0.7	57	1.9	1	0.5	19	4.9
Gum	911	20.2	1041	21.9	518	19.6	455	15.6	26	12.8	47	12.1
Floor of Mouth	72	1.6	47	1.0	39	1.5	43	1.5	5	2.5	15	3.9
Buccal Mucosa.	1570	34.9	2785	58.6	1208	45.6	1243	42.5	63	31.0	80	20.7
Other Mouth	365	8.1	448	9.4	334	12.6	176	6.0	10	4.9	57	14.7
Oral NOS*	1	0.0	11	0.2	19	0.7	14	0.5	2	1.0	4	1.0
Total Oral Cancers	4501	100	0 4751	100.0	2647	100.0	2924	100.0	203	100.0	387	100.0

TABLE 13.2: Oesophageal Cancers-Number (#) and Relative Proportion (%) according to sub-site

Sub-site	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
Cervical-Upper 3rd	906	15.2	297	8.9	242	11.7	178	11.3	39	8.4	190	13.2
Thoracic-Middle 3rd	3034	50.9	1477	44.4	772	37.2	584	37.1	184	39.7	711	49.6
Abdominal-Lower 3rd	1782	29.9	917	27.6	700	33.8	627	39.9	190	41.0	371	25.9
Overlap of Subsites	7	0.1	93	2.8	156	7.5	64	4.1	50	10.8	59	4.1
NOS*	237	4.0	539	16.2	203	9.8	120	7.6	0	0.0	103	7.2
Total Oesophagus	5966	100.0	3323	100.0	2073	100.0	1573	100.0	463	100.0	1434	100.0
FEMALES												
Cervical-Upper 3rd	365	11.6	187	7.7	115	11.2	58	13.5	46	12.4	64	12.6
Thoracic-Middle 3rd	1689	53.7	1133	46.8	360	35.2	172	39.9	176	47.3	250	49.4
Abdominal-Lower 3rd	967	30.7	625	25.8	395	38.6	161	37.4	116	31.2	136	26.9
Overlap of Subsites	2	0.1	94	3.9	61	6.0	20	4.6	33	8.9	21	4.2
NOS*	122	3.9	383	15.8	93	9.1	20	4.6	1	0.3	35	6.9
Total Oesophagus	3145	100.0	2422	100.0	1024	100.0	431	100.0	372	100.0	506	100.0

NOS = Not Otherwise Specified

Chapter 14

HISTOLOGIC TYPES OF SELECTED SITES OF CANCER

This chapter deals with the relative proportions of histological types of cancer for certain specific sites.

The number and relative proportion of the specific histologic types of cancer as appropriate for the different anatomical sites of cancer is given below.

ORAL CANCERS (ICD-9: 140, 141, 143-145)

TABLE 14.1: Number(#) and Relative Proportion(%) of different histologic Types of Oral Cancers

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
Neoplasm-Malignant	58	0.4	4	0.1	3	0.1	55	1.1	0	0.0	2	0.2
Carcinomas (Ca.)	137	1.0	138	3.6	34	1.2	56	1.2	22	3.6	28	2.5
Verrucous Ca.	229	1.6	84	2.2	3	0.1	262	5.4	3	0.5	4	0.4
Squamous Cell Ca.	13616	95.8	3511	92.1	2686	97.0	4420	91.2	567	93.7	1072	96.5
Adeno Ca.	70	0.5	36	0.9	16	0.6	25	0.5	4	0.7	1	0.1
Others	101	0.7	40	1.0	28	1.0	27	0.6	9	1.5	4	0.4
All Types	14211	100.0	3813	100.0	2770	100.0	4845	100.0	605	100.0	1111	100.0
FEMALES												
Neoplasm-Malignant	17	0.4	2	0.0	4	0.3	28	1.1	0	0.0	0	0.0
Carcinomas (Ca.)	53	1.2	77	1.7	9	0.6	25	1.0	4	2.1	9	2.4
Verrucous Ca.	75	1.8	195	4.2	2	0.1	165	6.7	1	0.5	1	0.3
Squamous Cell Ca.	4011	94.3	4266	92.7	1395	96.3	2211	89.4	176	92.1	364	96.0
Adeno Ca.	40	0.9	25	0.5	23	1.6	27	1.1	5	2.6	2	0.5
Others	56	1.3	38	0.8	16	1.1	18	0.7	5	2.6	3	0.8
All Types	4252	100.0	4603	100.0	1449	100.0	2474	100.0	191	100.0	379	100.0

PHARYNX (ICD-9: 146, 148, 149)**TABLE 14.2: Number(#) and Relative Proportion(%) of different histologic types of Pharyngeal Cancers**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
Neoplasm-Malignant	106	1.2	5	0.1	4	0.2	31	1.8	3	0.6	1	0.0
Carcinomas(Ca.)	163	1.9	414	9.0	26	1.5	71	4.1	31	5.8	54	2.3
Squamous Cell Ca.	8449	96.7	4160	90.3	1682	97.7	1613	93.5	501	93.3	2236	97.2
Others	23	0.3	26	0.6	10	0.6	10	0.6	2	0.4	9	0.4
All Types	8741	100.0	4605	100.0	1722	100.0	1725	100.0	537	100.0	2300	100.0
Females												
Neoplasm-Malignant	5	0.3	3	0.4	0	0.0	2	0.8	1	0.5	0	0.0
Carcinomas	36	2.3	56	8.1	7	1.4	23	9.5	7	3.4	7	2.0
Squamous Cell Ca.	1519	97.1	617	89.6	489	97.2	215	88.5	197	95.6	341	98.0
Others	5	0.3	13	1.9	7	1.4	3	1.2	1	0.5	0	0.0
All Types	1565	100.0	689	100.0	503	100.0	243	100.0	206	100.0	348	100.0

OESOPHAGUS (ICD-9: 150)**TABLE 14.3: Number(#) and Relative Proportion(%) of different histologic types of Oesophageal Cancers**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
Neoplasm-Malignant	77	1.4	14	0.5	7	0.5	6	0.5	1	0.2	2	0.2
Carcinomas(Ca.)	185	3.5	214	7.6	30	2.0	67	5.2	7	1.6	35	3.3
Sq.Cell Ca.	4560	85.7	2350	83.9	1278	87.1	1003	77.3	388	91.3	1002	93.1
Adeno Ca.	470	8.8	198	7.1	131	8.9	167	12.9	17	4.0	32	3.0
Others	28	0.5	25	0.9	22	1.5	54	4.2	12	2.8	5	0.5
All Types	5320	100.0	2801	100.0	1468	100.0	1297	100.0	425	100.0	1076	100.0
FEMALES												
Neoplasm-Malignant	31	1.1	9	0.4	4	0.6	7	2.0	2	0.6	0	0.0
Carcinomas(Ca.)	85	3.0	160	7.6	18	2.5	17	4.9	10	2.9	9	2.3
Sq.Cell Ca.	2600	92.0	1863	88.9	658	90.9	285	81.9	325	94.2	373	94.9
Adeno Ca.	100	3.5	52	2.5	41	5.7	29	8.3	5	1.4	8	2.0
Others	10	0.4	12	0.6	3	0.4	10	2.9	3	0.9	3	0.8
All Types	2826	100.0	2096	100.0	724	100.0	348	100.0	345	100.0	393	100.0

STOMACH (ICD-9: 151)**TABLE 14.4: Number (#) and Relative Proportion (%) of different histologic types of Stomach Cancers**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
Neoplasm-Malignant	25	1.5	13	1.0	10	0.9	28	2.8	0	0.0	2	0.8
Carcinomas(Ca.)	61	3.6	122	9.8	59	5.5	143	14.5	21	10.8	37	15.2
Adeno Ca (AdCa)	1224	71.7	934	75.0	848	79.6	567	57.6	113	58.2	170	70.0
Papillary AdCa.	3	0.2	43	3.5	10	0.9	35	3.6	3	1.5	1	0.4
Mucinous AdCa.	143	8.4	84	6.7	85	8.0	144	14.6	29	14.9	20	8.2
Sarcomas	31	1.8	8	0.6	1	0.1	20	2.0	3	1.5	0	0.0
Others	220	12.9	42	3.4	52	4.9	48	4.9	25	12.9	13	5.3
All Types	1707	100.0	1246	100.0	1065	100.0	985	100.0	194	100.0	243	100.0
Females												
Neoplasm-Malignant	7	1.0	2	0.4	6	1.5	12	4.3	0	0.0	2	1.7
Carcinomas(Ca.)	48	6.8	70	14.2	18	4.5	43	15.4	6	8.6	22	18.6
Adeno Ca (AdCa.)	459	64.7	340	69.1	314	78.9	156	55.7	46	65.7	81	68.6
Papillary AdCa.	6	0.8	17	3.5	2	0.5	3	1.1	4	5.7	0	0.0
Mucinous AdCa.	45	6.3	35	7.1	37	9.3	50	17.9	8	11.4	7	5.9
Sarcomas	12	1.7	3	0.6	1	0.3	6	2.1	2	2.9	0	0.0
Others	132	18.6	25	5.1	20	5.0	10	3.6	4	5.7	6	5.1
All Types	709	100.0	492	100.0	398	100.0	280	100.0	70	100.0	118	100.0

LUNG (ICD-9: 162)**TABLE 14.5: Number(#) and Relative Proportion(%) of different histologic types of Lung Cancers**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
Neoplasm Malig	364	7.6	30	1.4	32	3.1	182	7.6	9	1.4	7	5.7
Large Cell Ca.	57	1.2	210	10.1	68	6.5	52	2.2	23	3.6	2	1.6
Undiff/Anap Ca.	96	2.0	126	6.1	25	2.4	168	7.1	51	7.9	12	9.8
Small Cell Ca.	411	8.6	239	11.5	126	12.0	293	12.3	106	16.4	12	9.8
Oat Cell Ca.	163	3.4	10	0.5	40	3.8	39	1.6	13	2.0	6	4.9
Squa Cell Ca.	1924	40.2	820	39.5	315	30.1	948	39.8	338	52.3	50	40.7
Other Carc.	197	4.1	239	11.5	108	10.3	205	8.6	50	7.7	11	8.9
Papil.AdenoCa.	50	1.0	37	1.8	10	1.0	21	0.9	3	0.5	0	0.0
Adeno Squa Ca.	66	1.4	4	0.2	6	0.6	9	0.4	0	0.0	0	0.0
Adenoca.NOS	1364	28.5	308	14.8	300	28.6	377	15.8	41	6.3	20	16.3
Others	93	1.9	53	2.6	18	1.7	86	3.6	12	1.9	3	2.4
All Types	4785	100.0	2076	100.0	1048	100.0	2380	100.0	646	100.0	123	100.0
FEMALES												
Neoplasm Malig	59	8.0	6	2.1	2	1.3	14	5.7	4	4.3	7	21.9
Large Cell Ca.	10	1.3	34	11.7	5	3.2	2	0.8	0	0.0	0	0.0
Undiff/Anap Ca.	15	2.0	12	4.1	0	0.0	10	4.1	6	6.5	1	3.1
Small Cell Ca.	33	4.4	14	4.8	4	2.6	12	4.9	9	9.8	1	3.1
Oat Cell Ca.	16	2.2	2	0.7	0	0.0	0	0.0	0	0.0	4	12.5
Squa Cell Ca.	161	21.7	66	22.7	27	17.5	73	29.9	40	43.5	6	18.8
Other Carc.	26	3.5	24	8.2	13	8.4	18	7.4	10	10.9	6	18.8
Papil.AdenoCa.	17	2.3	15	5.2	3	1.9	8	3.3	0	0.0	0	0.0
Adeno Squa Ca.	9	1.2	0	0.0	1	0.6	0	0.0	0	0.0	0	0.0
Adenoca.NOS	344	46.4	103	35.4	88	57.1	80	32.8	21	22.8	5	15.6
Others	52	7.0	15	5.2	11	7.1	27	11.1	2	2.2	2	6.3
All Types	742	100.0	291	100.0	154	100.0	244	100.0	92	100.0	32	100.0

BONE (ICD-9: 170)**TABLE 14.6: Number(#) and Relative Proportion(%) of different histologic types of Bone Cancers**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
Neoplasm-Malignant	36	3.2	7	1.1	5	1.3	5	1.5	1	1.0	0	0.0
Sarcomas(Sa.)	55	4.8	20	3.2	0	0.0	9	2.7	2	1.9	1	1.6
Osteo Sa.	618	54.2	241	39.1	204	52.2	189	57.1	25	23.8	21	33.9
Chondro Sa.	112	9.8	64	10.4	46	11.8	42	12.7	19	18.1	5	8.1
Giant Cell Tum.	1	0.1	41	6.7	29	7.4	6	1.8	7	6.7	11	17.7
Ewing's Sa.	285	25.0	103	16.7	92	23.5	50	15.1	36	34.3	9	14.5
Chordoma	10	0.9	8	1.3	0	0.0	5	1.5	0	0.0	0	0.0
Others	24	2.1	132	21.4	15	3.8	25	7.6	15	14.3	15	24.2
All Types	1141	100.0	616	100.0	391	100.0	331	100.0	105	100.0	62	100.0
FEMALES												
Neoplasm-Malignant	12	2.4	4	1.2	2	0.8	2	1.1	0	0.0	0	0.0
Sarcomas(Sa.)	23	4.5	9	2.7	0	0.0	5	2.7	0	0.0	1	3.3
Osteo Sa.	282	55.4	124	37.3	106	44.5	89	48.6	18	34.0	8	26.7
Chondro Sa.	41	8.1	25	7.5	35	14.7	17	9.3	3	5.7	1	3.3
Giant Cell Tum.	1	0.2	18	5.4	35	14.7	6	3.3	8	15.1	9	30.0
Ewing's Sa.	136	26.7	47	14.2	57	23.9	42	23.0	20	37.7	4	13.3
Chordoma	0	0.0	1	0.3	1	0.4	6	3.3	1	1.9	1	3.3
Others	14	2.8	104	31.3	2	0.8	16	8.7	3	5.7	6	20.0
All Types	509	100.0	332	100.0	238	100.0	183	100.0	53	100.0	30	100.0

SOFT TISSUE (ICD-9: 171, 195)**TABLE 14.7: Number(#) and Relative Proportion(%) of different histologic types of Soft Tissue Tumours**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
Neoplasm-Malignant	48	2.9	6	1.1	10	1.8	16	3.9	9	4.9	2	2.4
Sarcoma (Sa.)	124	7.6	43	7.9	49	9.0	38	9.4	16	8.7	4	4.8
Spindle Cell Sa.	221	13.6	55	10.1	10	1.8	27	6.7	0	0.0	0	0.0
Pleomorphic Sa.	109	6.7	8	1.5	12	2.2	1	0.2	3	1.6	4	4.8
Fibr.Hist.cytoma	107	6.6	54	9.9	26	4.8	39	9.6	33	18.0	3	3.6
Dermato FibroSa.	58	3.6	4	0.7	0	0.0	2	0.5	3	1.6	0	0.0
LipoSa.	118	7.2	21	3.8	36	6.6	38	9.4	12	6.6	4	4.8
Leiomyo Sa.	28	1.7	5	0.9	10	1.8	5	1.2	7	3.8	0	0.0
Rhabdomyo Sa.	148	9.1	57	10.4	52	9.5	39	9.6	16	8.7	11	13.1
Synovial Sa.	161	9.9	73	13.4	57	10.5	59	14.5	13	7.1	2	2.4
Neurofibro Sa.	129	7.9	16	2.9	9	1.7	29	7.1	1	0.5	1	1.2
Neurilemmoma	65	4.0	18	3.3	8	1.5	18	4.4	8	4.4	0	0.0
Others	313	19.2	186	34.1	266	48.8	95	23.4	62	33.9	53	63.1
All Types	1629	100.0	546	100.0	545	100.0	406	100.0	183	100.0	84	100.0
FEMALES												
Neoplasm-Malignant	20	2.7	7	2.1	10	3.3	12	4.0	5	4.0	1	2.9
Sarcoma (Sa.)	39	5.3	19	5.6	23	7.7	25	8.4	13	10.3	0	0.0
Spindle Sa.	123	16.7	44	13.1	5	1.7	20	6.7	0	0.0	0	0.0
Pleomorphic Sa.	38	5.2	12	3.6	4	1.3	1	0.3	0	0.0	1	2.9
Fibr.Hist.Cytoma	32	4.4	31	9.2	18	6.0	26	8.8	14	11.1	0	0.0
Dermato Fibro Sa.	25	3.4	7	2.1	0	0.0	0	0.0	0	0.0	0	0.0
Lipo Sa.	47	6.4	20	5.9	20	6.7	22	7.4	5	4.0	2	5.7
Leiomyo Sa.	9	1.2	1	0.3	8	2.7	7	2.4	5	4.0	1	2.9
Rhabdomyo Sa.	50	6.8	31	9.2	34	11.3	34	11.4	15	11.9	4	11.4
Synovial Sa.	92	12.5	28	8.3	25	8.3	37	12.5	12	9.5	1	2.9
Neurofibro Sa.	77	10.5	11	3.3	11	3.7	15	5.1	1	0.8	0	0.0
Neurilemmoma	29	3.9	15	4.5	3	1.0	13	4.4	1	0.8	0	0.0
Others	154	21.0	111	32.9	139	46.3	85	28.6	55	43.7	25	71.4
All Types	735	100.0	337	100.0	300	100.0	297	100.0	126	100.0	35	100.0

FEMALE BREAST (ICD-9: 174)**TABLE 14.8: Number(#) and Relative Proportion(%) of different histologic types of Female Breast Cancers**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Neoplasm-Malignant	364	2.9	14	0.4	58	1.5	156	3.2	8	0.7	0	0.0
Carcinomas(Ca.)	509	4.1	199	5.2	97	2.5	192	3.9	16	1.4	22	5.9
Papillary Ca.	92	0.7	29	0.8	3	0.1	22	0.5	5	0.4	0	0.0
Squamous Ca.	9	0.1	52	1.4	8	0.2	9	0.2	6	0.5	6	1.6
AdenoCa(AdCa.)NOS	217	1.8	37	1.0	343	8.9	60	1.2	13	1.2	9	2.4
Mucinous AdCa.	109	0.9	26	0.7	46	1.2	52	1.1	8	0.7	5	1.3
Infil. Duct Ca.	10286	83.3	3273	85.0	2926	76.1	4048	83.2	1006	90.4	217	58.3
Medullary Ca.	169	1.4	58	1.5	154	4.0	103	2.1	6	0.5	53	14.2
Lobular Ca.	334	2.7	64	1.7	42	1.1	77	1.6	23	2.1	17	4.6
Paget's Disease	49	0.4	9	0.2	10	0.3	26	0.5	3	0.3	2	0.5
Cystosarcoma Ph	54	0.4	42	1.1	40	1.0	27	0.6	4	0.4	1	0.3
Others	152	1.2	46	1.2	118	3.1	96	2.0	15	1.3	40	10.8
All Types	12344	100.0	3849	100.0	3845	100.0	4868	100.0	1113	100.0	372	100.0

CERVIX (ICD-9: 180)**TABLE 14.9: Number(#) and Relative Proportion(%) of different histologic types of Cervical Cancers**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Neoplasm-Malignant	20	0.1	4	0.0	7	0.1	43	1.0	1	0.0	1	0.2
Carcinomas(Ca.)	347	2.1	326	2.3	59	0.7	73	1.7	14	0.5	10	1.6
Large cell n.k.	8	0.0	5146	36.2	2745	34.2	730	16.6	786	27.3	355	57.7
Small cell n.k.	1	0.0	107	0.8	355	4.4	35	0.8	32	1.1	43	7.0
Sq C Ca kerat.	45	0.3	1811	12.7	509	6.3	533	12.1	462	16.1	46	7.5
Sq C Ca NOS	15080	92.6	6222	43.7	3777	47.0	2824	64.1	1497	52.1	112	18.2
Other Sq C Ca.	6	0.0	142	1.0	204	2.5	24	0.5	2	0.1	11	1.8
Adeno Ca.	523	3.2	246	1.7	188	2.3	68	1.5	57	2.0	23	3.7
Adeno Sq Ca.	178	1.1	72	0.5	151	1.9	22	0.5	6	0.2	1	0.2
Others	69	0.4	153	1.1	36	0.4	55	1.2	18	0.6	13	2.1
All Types	16277	100.0	14229	100.0	8031	100.0	4407	100.0	2875	100.0	615	100.0

OVARY (ICD-9: 183)**TABLE 14.10: Number(#) and Relative Proportion(%) of different histologic types of Ovarian Cancers**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
Neoplasm-Malignant	38	1.6	14	1.3	7	0.9	17	1.4	3	1.0	1	0.8
Carcinomas(Ca.)	45	1.9	54	4.8	31	4.1	23	1.9	7	2.4	1	0.8
Other Ca.	22	0.9	12	1.1	9	1.2	9	0.7	7	2.4	9	6.9
Papillary Ca.	28	1.2	10	0.9	1	0.1	15	1.2	1	0.3	9	6.9
Squam.Cell Ca.	1	0.0	14	1.3	5	0.7	12	1.0	8	2.7	8	6.1
Adeno Ca(AdCa.)	646	27.3	210	18.8	293	39.1	151	12.3	34	11.6	47	35.9
Papillary AdCa.	500	21.1	287	25.7	73	9.7	169	13.7	45	15.4	5	3.8
Clear Cell AdCa.	22	0.9	7	0.6	9	1.2	13	1.1	2	0.7	1	0.8
Endometrioid Ca.	114	4.8	6	0.5	9	1.2	32	2.6	11	3.8	1	0.8
Papillary/Serous Cyst AdCa(CAdCa.)	427	18.0	229	20.5	133	17.7	375	30.5	77	26.3	10	7.6
Mucinous CAdCa.	144	6.1	86	7.7	54	7.2	146	11.9	47	16.0	12	9.2
Granulosa Cell T.	7	0.3	26	2.3	30	4.0	22	1.8	10	3.4	1	0.8
Sarcomas	4	0.2	7	0.6	9	1.2	3	0.2	2	0.7	2	1.5
Stromal Tumours	19	0.8	4	0.4	2	0.3	6	0.5	2	0.7	0	0.0
Dysgerminoma	169	7.1	60	5.4	39	5.2	118	9.6	11	3.8	4	3.1
Endoderm.Sinus T	92	3.9	26	2.3	18	2.4	48	3.9	9	3.1	0	0.0
Teratomas	37	1.6	29	2.6	11	1.5	33	2.7	12	4.1	5	3.8
Others	54	2.3	37	3.3	17	2.3	39	3.2	5	1.7	15	11.5
All Types	2369	100.0	1118	100.0	750	100.0	1231	100.0	293	100.0	131	100.0

KIDNEY (ICD-9: 189)**TABLE 14.11: Number(#) and Relative Proportion(%) of different histologic types of Renal Cancers**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
Neoplasm-Malignant	9	1.6	2	0.8	0	0.0	4	2.0	1	1.0	0	0.0
Carcinoma NOS	10	1.8	10	4.1	8	6.5	6	2.9	3	3.0	0	0.0
Papillary Ca.	6	1.1	0	0.0	0	0.0	1	0.5	0	0.0	0	0.0
Squamous Cell Ca.	30	5.4	6	2.5	10	8.1	5	2.4	9	9.1	2	16.7
Trans.Cell Ca.	29	5.2	14	5.8	6	4.8	39	19.0	5	5.1	0	0.0
AdenoCa(Ad Ca.)	13	2.3	14	5.8	20	16.1	19	9.3	2	2.0	0	0.0
Clear Cell AdCa.	38	6.8	8	3.3	2	1.6	20	9.8	6	6.1	1	8.3
Renal Cell Ca.	280	50.3	107	44.2	56	45.2	48	23.4	39	39.4	4	33.3
Nephroblastoma	134	24.1	71	29.3	14	11.3	50	24.4	29	29.3	5	41.7
Others	8	1.4	10	4.1	8	6.5	13	6.3	5	5.1	0	0.0
All Types	557	100.0	242	100.0	124	100.0	205	100.0	99	100.0	12	100.0
FEMALES												
Neoplasm-Malignant	3	1.3	1	0.7	0	0.0	0	0.0	0	0.0	0	0.0
Carcinoma NOS	2	0.9	3	2.1	3	6.1	3	2.4	1	2.6	0	0.0
Papillary Ca.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Squamous Cell Ca.	10	4.3	11	7.6	3	6.1	9	7.1	2	5.1	0	0.0
Trans.Cell Ca.	20	8.5	9	6.3	1	2.0	7	5.6	2	5.1	1	9.1
AdenoCa (AdCa.)	7	3.0	14	9.7	3	6.1	7	5.6	1	2.6	1	9.1
Clear Cell AdCa.	9	3.8	1	0.7	1	2.0	11	8.7	5	12.8	1	9.1
Renal Cell Ca.	91	38.9	52	36.1	23	46.9	27	21.4	18	46.2	4	36.4
Nephroblastoma	87	37.2	47	32.6	11	22.4	55	43.7	5	12.8	4	36.4
Others	5	2.1	6	4.2	4	8.2	7	5.6	5	12.8	0	0.0
All Types	234	100.0	144	100.0	49	100.0	126	100.0	39	100.0	11	100.0

BRAIN (ICD-9: 191)**TABLE 14.12: Number(#) and Relative Proportion(%) of different histologic types of Brain Tumours**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
Neoplasm-Malignant	2	0.2	2	0.2	1	1.4	2	0.3	3	0.9	0	0.0
Gliomas	37	4.5	86	10.3	8	11.1	99	13.7	27	8.3	1	5.6
Ependymoma	28	3.4	23	2.8	2	2.8	23	3.2	4	1.2	2	11.1
Astrocytoma	559	67.9	537	64.6	39	54.2	440	60.9	230	70.3	10	55.6
Glioblastoma	44	5.3	21	2.5	8	11.1	37	5.1	1	0.3	1	5.6
Oligodendroglioma	33	4.0	26	3.1	2	2.8	41	5.7	23	7.0	1	5.6
Medulloblastoma	101	12.3	96	11.6	9	12.5	65	9.0	31	9.5	2	11.1
Others	19	2.3	40	4.8	3	4.2	16	2.2	8	2.4	1	5.6
All Types	823	100.0	831	100.0	72	100.0	723	100.0	327	100.0	18	100.0
FEMALES												
Neoplasm-Malignant	3	0.9	1	0.3	0	0.0	2	0.4	1	0.7	0	0.0
Gliomas	25	7.4	32	9.2	5	14.7	57	12.8	10	6.8	2	22.2
Ependymoma	17	5.0	10	2.9	1	2.9	19	4.3	5	3.4	0	0.0
Astrocytoma	223	65.6	228	65.5	21	61.8	261	58.4	103	70.1	5	55.6
Glioblastoma	12	3.5	3	0.9	1	2.9	25	5.6	2	1.4	1	11.1
Oligodendroglioma	18	5.3	12	3.4	1	2.9	26	5.8	11	7.5	0	0.0
Medulloblastoma	32	9.4	39	11.2	4	11.8	46	10.3	14	9.5	1	11.1
Others	10	2.9	23	6.6	1	2.9	11	2.5	1	0.7	0	0.0
All Types	340	100.0	348	100.0	34	100.0	447	100.0	147	100.0	9	100.0

THYROID GLAND (ICD-9: 193)**TABLE 14.13: Number(#) and Relative Proportion(%) of different histologic types of Thyroid Cancers**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
Neoplasm-Malignant	6	0.9	4	1.2	3	1.3	7	1.3	0	0.0	0	0.0
Undiff. Ca.	31	4.6	11	3.2	8	3.5	27	5.0	5	8.9	3	10.7
Papillary Ca.	309	45.8	168	49.0	68	29.8	309	57.3	24	42.9	2	7.1
Papillary AdenoCa.	2	0.3	8	2.3	48	21.1	11	2.0	1	1.8	0	0.0
Follicular Ca.	177	26.2	50	14.6	32	14.0	106	19.7	13	23.2	11	39.3
Mixed P & F Ca.	17	2.5	28	8.2	23	10.1	25	4.6	5	8.9	0	0.0
Medullary Ca.	121	17.9	35	10.2	16	7.0	40	7.4	4	7.1	3	10.7
Other Ca.	5	0.7	26	7.6	13	5.7	7	1.3	2	3.6	4	14.3
Others	7	1.0	13	3.8	17	7.5	7	1.3	2	3.6	5	17.9
All Types	675	100.0	343	100.0	228	100.0	539	100.0	56	100.0	28	100.0
FEMALES												
Neoplasm-Malignant	1	0.1	2	0.3	0	0.0	18	1.4	0	0.0	0	0.0
Undiff. Ca.	44	4.6	41	6.4	17	4.6	47	3.6	11	11.2	8	23.5
Papillary Ca.	450	47.5	278	43.7	100	27.2	720	55.6	40	40.8	0	0.0
Papillary AdenoCa.	2	0.2	21	3.3	66	18.0	31	2.4	3	3.1	2	5.9
Follicular Ca.	339	35.8	141	22.2	107	29.2	342	26.4	19	19.4	17	50.0
Mixed P & F Ca.	14	1.5	59	9.3	36	9.8	49	3.8	2	2.0	1	2.9
Medullary Ca.	74	7.8	37	5.8	13	3.5	47	3.6	6	6.1	0	0.0
Other Ca.	13	1.4	37	5.8	8	2.2	20	1.5	7	7.1	2	5.9
Others	10	1.1	20	3.1	20	5.4	21	1.6	10	10.2	4	11.8
All Types	947	100.0	636	100.0	367	100.0	1295	100.0	98	100.0	34	100.0

TUMOURS OF LYMPHOID AND HAEMATOPOIETIC SYSTEM (LHM) (ICD-9: 200-208)

TABLE 14.14(a): Number(#) and Relative Proportion(%) of main types

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
NHL	3351	30.6	1148	32.3	931	36.3	1134	37.3	349	37.0	201	47.5
HD	1581	14.4	566	15.9	325	12.7	313	10.3	155	16.5	41	9.7
MM	491	4.5	175	4.9	123	4.8	314	10.3	58	6.2	13	3.1
Leukaemias	5538	50.5	1660	46.8	1187	46.3	1280	42.1	380	40.3	168	39.7
All Types	10961	100.0	3549	100.0	2566	100.0	3041	100.0	942	100.0	423	100.0
FEMALES												
NHL	1187	28.1	418	25.5	346	29.5	437	27.3	126	34.0	68	44.4
HD	442	10.5	183	11.2	102	8.7	109	6.8	45	12.1	10	6.5
MM	210	5.0	111	6.8	71	6.1	168	10.5	29	7.8	4	2.6
Leukaemias	2380	56.4	928	56.6	652	55.7	886	55.4	171	46.1	71	46.4
All Types	4219	100.0	1640	100.0	1171	100.0	1600	100.0	371	100.0	153	100.0

NHL = Non-Hodgkin's Lymphoma

HD = Hodgkin's Disease

MM = Multiple Myeloma

The categories/groups of NHL under the Working Formulation (WF) mentioned in the following table [14 (b)] is given below:

WF Group A = Malignant Lymphoma (ML) small lymphocytic, plasmacytoid

WF Group B = ML follicular, small cleaved cell

WF Group C = ML follicular, mixed small cleaved & large cell

WF Group D = ML follicular, large cell

WF Group E = ML diffuse, small cleaved

WF Group F = ML diffuse, mixed small & large cell

WF Group G = ML diffuse, large cell cleaved/non-cleaved

WF Group H = ML diffuse, large cell, immunoblastic

WF Group I = ML diffuse, lymphoblastic

WF Group J = ML diffuse, small non cleaved

NON-HODGKIN'S LYMPHOMA (ICD-9: 200, 202)**TABLE 14.14(b): Number(#) and Relative Proportion(%) of different histologic sub-types of Non- Hodgkin's Lymphomas**

Histologic Sub-type	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
NHL NOS	1610	48.0	623	54.3	538	57.8	505	44.5	155	44.4	44	21.9
WF Group A	115	3.4	52	4.5	23	2.5	117	10.3	24	6.9	56	27.9
WF Group B	180	5.4	14	1.2	3	0.3	40	3.5	8	2.3	5	2.5
WF Group C	77	2.3	16	1.4	26	2.8	26	2.3	1	0.3	1	0.5
WF Group D	17	0.5	1	0.1	2	0.2	2	0.2	0	0.0	0	0.0
WF Group E	453	13.5	125	10.9	58	6.2	189	16.7	91	26.1	56	27.9
WF Group F	99	3.0	124	10.8	122	13.1	124	10.9	8	2.3	7	3.5
WF Group G	648	19.3	15	1.3	47	5.0	45	4.0	19	5.4	20	10.0
WF Group H	21	0.6	17	1.5	40	4.3	15	1.3	17	4.9	0	0.0
WF Group I	51	1.5	47	4.1	31	3.3	4	0.4	2	0.6	0	0.0
WF Group J	16	0.5	56	4.9	3	0.3	2	0.2	13	3.7	1	0.5
NHL Follicular	8	0.2	28	2.4	7	0.8	34	3.0	2	0.6	2	1.0
Myc.Fungoides	16	0.5	1	0.1	1	0.1	12	1.1	3	0.9	1	0.5
Sezary's Dis	1	0.0	1	0.1	1	0.1	1	0.1	0	0.0	0	0.0
Hairy Cell Leuk	29	0.9	4	0.3	4	0.4	3	0.3	2	0.6	2	1.0
Others	10	0.3	23	2.1	25	2.7	15	1.3	3	1.1	5	3.0
All sub-types	3351	100.0	1147	100.0	931	100.0	1134	100.0	348	100.0	200	100.0
FEMALES												
NHL NOS	575	48.4	232	55.5	189	54.6	201	46.0	63	50.0	13	19.1
WF Group A	32	2.7	17	4.1	14	4.0	39	8.9	3	2.4	20	29.4
WF Group B	68	5.7	9	2.2	3	0.9	13	3.0	1	0.8	6	8.8
WF Group C	45	3.8	8	1.9	13	3.8	12	2.7	0	0.0	0	0.0
WF Group D	11	0.9	0	0.0	3	0.9	0	0.0	0	0.0	0	0.0
WF Group E	124	10.4	49	11.7	23	6.6	73	16.7	33	26.2	15	22.1
WF Group F	47	4.0	44	10.5	37	10.7	46	10.5	4	3.2	4	5.9
WF Group G	254	21.4	3	0.7	22	6.4	15	3.4	8	6.3	8	11.8
WF Group H	2	0.2	15	3.6	17	4.9	10	2.3	5	4.0	0	0.0
WF Group I	13	1.1	10	2.4	12	3.5	2	0.5	1	0.8	1	1.5
WF Group J	3	0.3	9	2.2	1	0.3	0	0.0	5	4.0	0	0.0
NHL Follicular	2	0.2	10	2.4	6	1.7	11	2.5	1	0.8	0	0.0
Myc.Fungoides	3	0.3	0	0.0	1	0.3	3	0.7	0	0.0	0	0.0
Sezary's Dis.	1	0.1	0	0.0	0	0.0	1	0.2	0	0.0	0	0.0
Hairy Cell Leuk	4	0.3	2	0.5	0	0.0	0	0.0	0	0.0	0	0.0
Others	3	0.3	10	2.4	5	1.4	11	2.5	1	1.6	1	1.5
All sub-types	1187	100.0	418	100.0	346	100.0	437	100.0	125	100.0	68	100.0

HODGKIN'S DISEASE (ICD-9: 201)**TABLE 14.14(c): Number(#) and Relative Proportion(%) of different histologic sub-types* of Hodgkin's Disease (HD)**

Histologic Sub-type	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
HD, NOS	177	11.2	114	20.0	91	28.0	57	18.2	23	14.2	13	29.3
HD LP	184	11.6	47	8.3	50	15.4	44	14.1	10	6.5	7	17.1
HD MC	995	62.9	268	47.3	110	33.8	135	43.1	95	61.3	16	39.0
HD LD	78	4.9	28	4.9	40	12.3	19	6.1	15	9.7	2	4.9
HD NS	147	9.3	110	19.4	34	10.5	58	18.5	13	8.4	4	9.8
All sub-types	1581	100.0	567	100.0	325	100.0	313	100.0	156	100.0	42	100.0
FEMALES												
HD, NOS	59	13.3	47	25.7	31	30.4	23	21.1	7	13.3	2	20.0
HD LP	60	13.6	17	9.3	13	12.7	14	12.8	4	8.9	1	10.0
HD MC	262	59.3	74	40.4	41	40.2	42	38.5	29	64.4	5	50.0
HD LD	13	2.9	9	4.9	6	5.9	3	2.8	4	8.9	1	10.0
HD NS	48	10.9	36	19.7	11	10.8	27	24.8	2	4.4	1	10.0
All sub-types	442	100.0	183	100.0	102	100.0	109	100.0	46	100.0	10	100.0

* LP = Lymphocyte Predominant MC = Mixed Cellularity LD = Lymphocyte Depletion NS = Nodular Sclerosis

LEUKAEMIAS (ICD-9: 204-208)**TABLE 14.14(d): Number(#) and Relative Proportion(%) of different sub-types of Leukaemias**

Histologic Sub-type	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
Leukaemia NOS	72	1.3	0	0.0	10	0.8	9	0.7	0	0.0	1	0.6
Ac.L. NOS	72	1.3	141	8.5	68	5.7	42	3.3	6	1.6	5	3.0
ALL	2284	41.2	442	26.6	377	31.8	586	45.8	184	48.4	49	29.2
CLL	323	5.8	88	5.3	60	5.1	47	3.7	25	6.6	7	4.2
AML	1193	21.5	502	30.2	291	24.5	397	31.0	85	22.4	43	25.6
CML	1535	27.7	405	24.4	338	28.5	177	13.8	74	19.5	59	35.1
Others	59	1.1	82	4.9	43	3.6	22	1.7	6	1.6	4	2.4
All sub-types	5538	100.0	1660	100.0	1187	100.0	1280	100.0	380	100.0	168	100.0
FEMALES												
Leukaemia NOS	31	1.3	0	0.0	4	0.6	4	0.5	0	0.0	1	1.4
Ac.L. NOS	34	1.4	55	5.9	45	6.9	38	4.3	1	0.6	3	4.2
ALL	935	39.3	201	21.7	154	23.6	345	38.9	55	32.2	22	31.0
CLL	120	5.0	39	4.2	26	4.0	26	2.9	8	4.7	0	0.0
AML	634	26.6	302	32.5	209	32.1	339	38.3	38	22.2	22	31.0
CML	608	25.5	289	31.1	185	28.4	117	13.2	69	40.4	23	32.4
Others	18	0.8	42	4.5	29	4.4	17	1.9	0	0.0	0	0.0
All sub-types	2380	100.0	928	100.0	652	100.0	886	100.0	171	100.0	71	100.0

Ac.L. = Acute Leukaemia

ALL = Acute Lymphatic Leukaemia

CLL = Chronic Lymphatic Leukaemia

AML = Acute Myeloid Leukaemia

CML = Chronic Myeloid Leukaemia

SALIVARY GLAND (ICD-9: 142)**TABLE 14.15: Number(#) and Relative Proportion(%) of different histologic types of tumours of Salivary Gland**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
Carcinomas(Ca.)	34	12.4	54	32.3	19	17.3	39	25.2	15	24.2	20	74.1
Adeno Ca.	43	15.7	29	17.4	39	35.5	13	8.4	5	8.1	0	0.0
Adenoid Cystic	48	17.5	16	9.6	13	11.8	17	11.0	10	16.1	1	3.7
Mucoepidermoid	109	39.8	38	22.8	28	25.5	59	38.1	21	33.9	1	3.7
Acinar Cell Ca.	12	4.4	11	6.6	1	0.9	12	7.7	4	6.5	2	7.4
Malig Mix Tum	23	8.4	8	4.8	7	6.4	6	3.9	3	4.8	1	3.7
Others	5	1.8	11	6.6	3	2.7	9	5.8	4	6.5	2	7.4
All Types	274	100.0	167	100.0	110	100.0	155	100.0	62	100.0	27	100.0
FEMALES												
Carcinomas	13	7.7	35	33.3	8	11.6	19	19.4	4	15.4	4	66.7
Adeno Ca.	10	6.0	13	12.4	15	21.7	1	1.0	1	3.8	0	0.0
Adenoid Cystic	47	28.0	14	13.3	13	18.8	27	27.6	10	38.5	1	16.7
Mucoepidermoid	72	42.9	32	30.5	18	26.1	36	36.7	5	19.2	0	0.0
Acinar Cell Ca.	7	4.2	4	3.8	0	0.0	7	7.1	0	0.0	0	0.0
Malig Mix Tum	15	8.9	3	2.9	9	13.0	5	5.1	3	11.5	0	0.0
Others	4	2.4	4	3.8	6	8.7	3	3.1	3	11.5	1	16.7
All Types	168	100.0	105	100.0	69	100.0	98	100.0	26	100.0	6	100.0

Chapter 15

EDUCATIONAL AND MARITAL STATUS; RELIGION AND LANGUAGE SPOKEN

This chapter summarises the relative proportion of patients according to educational status and marital status; religion and language spoken.

The tables below provide the number and relative proportion of cancers (all sites) according to the educational level attained, marital status, pursuit of a specific religion and language spoken.

TABLE 15.1: Number(#) & Relative Proportion(%) by Educational Status (All Sites of Cancer)

Educational Status	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
Illiterate	13799	17.6	12186	39.2	4530	18.4	3496	12.6	2794	40.5	2690	32.4
Literate	8312	10.6	3505	11.3	2058	8.4	351	1.3	892	12.9	1388	16.7
Primary	10572	13.5	3866	12.4	7318	29.8	8549	30.7	762	11.0	1302	15.7
Middle	7409	9.4	4103	13.2	4180	17.0	6051	21.8	823	11.9	1001	12.0
Secondary	13396	17.0	4459	14.3	4256	17.3	4163	15.0	615	8.9	1078	13.0
Technical	750	1.0	467	1.5	323	1.3	583	2.1	157	2.3	152	1.8
College	7433	9.5	1562	5.0	1641	6.7	1552	5.6	352	5.1	263	3.2
Below 5 year	1323	1.7	525	1.7	266	1.1	434	1.6	1	0.0	64	0.8
Others & Unknown	15594	19.8	443	1.4	16	0.1	2629	9.5	513	7.4	371	4.5
Total	78588	100.0	31116	100.0	24588	100.0	27808	100.0	6909	100.0	8309	100.0
FEMALES												
Illiterate	22751	36.9	25490	70.4	15277	53.3	5850	24.8	5185	70.2	2294	61.4
Literate	5218	8.5	2046	5.7	1572	5.5	274	1.2	520	7.0	305	8.2
Primary	4787	7.8	2206	6.1	5450	19.0	5945	25.2	474	6.4	427	11.4
Middle	3838	6.2	2461	6.8	2977	10.4	4148	17.6	376	5.1	222	5.9
Secondary	5973	9.7	2441	6.7	2317	8.1	3391	14.4	276	3.7	215	5.8
Technical	366	0.6	134	0.4	71	0.2	527	2.2	95	1.3	16	0.4
College	3371	5.5	671	1.9	833	2.9	1351	5.7	206	2.8	58	1.6
Below 5 year	689	1.1	293	0.8	179	0.6	324	1.4	0	0.0	48	1.3
Others & Unknown	14609	23.7	446	1.2	9	0.0	1794	7.6	251	3.4	151	4.0
Total	61602	100.0	36188	100.0	28685	100.0	23604	100.0	7383	100.0	3736	100.0

TABLE 15.2: Number(#) & Relative Proportion(%) by Marital Status (All Sites of Cancer)

Marital Status	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
Unmarried	9762	12.4	3629	11.7	2573	10.5	3064	11.0	784	11.3	635	7.6
Married	62694	79.8	26051	83.7	20770	84.5	23489	84.5	5410	78.3	6986	84.1
Widowed	3425	4.4	1295	4.2	1179	4.8	600	2.2	265	3.8	454	5.5
Divorced	81	0.1	36	0.1	5	0.0	10	0.0	5	0.1	4	0.0
Separated	5	0.0	21	0.1	61	0.2	19	0.1	2	0.0	5	0.1
Others & Unknown	2621	3.3	84	0.3	0	0.0	626	2.3	443	6.4	225	2.7
Total	78588	100.0	31116	100.0	24588	100.0	27808	100.0	6909	100.0	8309	100.0
FEMALES												
Unmarried	4210	6.8	1642	4.5	1202	4.2	2046	8.7	221	3.0	230	6.2
Married	45834	74.4	24770	68.4	20044	69.9	15695	66.5	5932	80.3	2703	72.4
Widowed	10416	16.9	9494	26.2	6971	24.3	5217	22.1	1023	13.9	718	19.2
Divorced	143	0.2	29	0.1	33	0.1	83	0.4	17	0.2	12	0.3
Separated	4	0.0	179	0.5	435	1.5	91	0.4	28	0.4	5	0.1
Others & Unknown	995	1.6	74	0.2	0	0.0	472	2.0	162	2.2	68	1.8
Total	61602	100.0	36188	100.0	28685	100.0	23604	100.0	7383	100.0	3736	100.0

TABLE 15.3: Number(#) & Relative Proportion(%) by Religion (All Sites of Cancer)

Religion	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
Hindu	64106	81.6	27342	87.9	21234	86.4	17765	63.9	4746	68.7	6986	84.1
Muslim	10626	13.5	2941	9.5	2162	8.8	3701	13.3	318	4.6	983	11.8
Christian	2491	3.2	711	2.3	1097	4.5	6306	22.7	18	0.3	245	2.9
Sikh	193	0.2	11	0.0	5	0.0	1	0.0	1784	25.8	16	0.2
Jain	96	0.1	67	0.2	82	0.3	5	0.0	5	0.1	9	0.1
Neo-Buddhist	162	0.2	12	0.0	5	0.0	0	0.0	14	0.2	26	0.3
Parsi	211	0.3	4	0.0	2	0.0	1	0.0	0	0.0	1	0.0
Others	247	0.3	17	0.1	0	0.0	5	0.0	3	0.0	29	0.3
Unknown	456	0.6	11	0.0	1	0.0	24	0.1	21	0.3	14	0.2
Total	78588	100.0	31116	100.0	24588	100.0	27808	100.0	6909	100.0	8309	100.0
Females												
Hindu	51296	83.3	32384	89.5	25308	88.2	15777	66.8	4793	64.9	3247	86.9
Muslim	6422	10.4	2720	7.5	1766	6.2	2496	10.6	230	3.1	317	8.5
Christian	2353	3.8	977	2.7	1526	5.3	5297	22.4	27	0.4	119	3.2
Sikh	236	0.4	9	0.0	13	0.0	1	0.0	2291	31.0	10	0.3
Jain	80	0.1	59	0.2	68	0.2	1	0.0	3	0.0	6	0.2
Neo-Buddhist	196	0.3	15	0.0	4	0.0	0	0.0	20	0.3	11	0.3
Parsi	342	0.6	3	0.0	0	0.0	0	0.0	2	0.0	0	0.0
Others	224	0.4	13	0.0	0	0.0	1	0.0	5	0.1	20	0.5
Unknown	453	0.7	8	0.0	0	0.0	31	0.1	12	0.2	6	0.2
Total	61602	100.0	36188	100.0	28685	100.0	23604	100.0	7383	100.0	3736	100.0

TABLE 15.4: Number(#) & Relative Proportion(%) by Language Spoken (All Sites of Cancer)

Language Spoken	Mumbai		Bangalore		Chennai		Thi'puram		Chandigarh		Dibrugarh	
	#	%	#	%	#	%	#	%	#	%	#	%
MALES												
Assamese	862	1.1	8	0.0	826	3.4	6	0.0	7	0.1	5090	61.3
Bengali	1401	1.8	15	0.0	124	0.5	12	0.0	9	0.1	1179	14.2
Gujarati	7950	10.1	46	0.1	66	0.3	7	0.0	2	0.0	11	0.1
Hindi	22378	28.5	272	0.9	298	1.2	15	0.1	3876	56.1	517	6.2
Kannada	1404	1.8	17737	57.0	162	0.7	10	0.0	5	0.1	1	0.0
Kashmiri	78	0.1	5	0.0	1	0.0	7	0.0	24	0.3	1	0.0
Malayalam	1283	1.6	472	1.5	1805	7.3	25908	93.2	5	0.1	4	0.0
Marathi	25922	33.0	368	1.2	53	0.2	2	0.0	5	0.1	0	0.0
Oriya	639	0.8	7	0.0	45	0.2	14	0.1	4	0.1	280	3.4
Punjabi	892	1.1	11	0.0	14	0.1	1	0.0	2652	38.4	22	0.3
Sanskrit	3	0.0	0	0.0	3	0.0	3	0.0	0	0.0	6	0.1
Sindhi	1186	1.5	8	0.0	15	0.1	2	0.0	0	0.0	1	0.0
Tamil	748	1.0	2724	8.8	12109	49.2	1657	6.0	1	0.0	8	0.1
Telugu	1728	2.2	5820	18.7	8107	33.0	22	0.1	3	0.0	10	0.1
Urdu	7442	9.5	2806	9.0	766	3.1	4	0.0	250	3.6	2	0.0
English	512	0.7	64	0.2	50	0.2	5	0.0	1	0.0	1	0.0
Others	3758	4.8	657	2.1	144	0.6	56	0.2	39	0.6	1152	13.9
Unknown	402	0.5	96	0.3	0	0.0	77	0.3	26	0.4	24	0.3
Total	78588	100.0	31116	100.0	24588	100.0	27808	100.0	6909	100.0	8309	100.0
FEMALES												
Assamese	346	0.6	1	0.0	170	0.6	2	0.0	11	0.1	2227	59.6
Bengali	901	1.5	18	0.0	68	0.2	11	0.0	5	0.1	426	11.4
Gujarati	5515	9.0	34	0.1	62	0.2	5	0.0	1	0.0	0	0.0
Hindi	14421	23.4	256	0.7	257	0.9	8	0.0	3853	52.2	280	7.5
Kannada	914	1.5	18376	50.8	163	0.6	5	0.0	2	0.0	0	0.0
Kashmiri	46	0.1	5	0.0	3	0.0	4	0.0	26	0.4	0	0.0
Malayalam	938	1.5	424	1.2	1211	4.2	21928	92.9	2	0.0	4	0.1
Marathi	25185	40.9	479	1.3	65	0.2	2	0.0	3	0.0	1	0.0
Oriya	359	0.6	4	0.0	23	0.1	10	0.0	2	0.0	182	4.9
Punjabi	1116	1.8	24	0.1	29	0.1	1	0.0	3232	43.8	11	0.3
Sanskrit	1	0.0	0	0.0	5	0.0	3	0.0	1	0.0	1	0.0
Sindhi	1282	2.1	25	0.1	16	0.1	1	0.0	1	0.0	0	0.0
Tamil	781	1.3	4334	12.0	14036	48.9	1464	6.2	2	0.0	1	0.0
Telugu	1309	2.1	8698	24.0	11565	40.3	16	0.1	6	0.1	4	0.1
Urdu	4466	7.2	2658	7.3	830	2.9	2	0.0	168	2.3	1	0.0
English	542	0.9	63	0.2	44	0.2	6	0.0	0	0.0	0	0.0
Others	3098	5.0	678	1.9	138	0.5	62	0.3	55	0.7	591	15.8
Unknown	382	0.6	111	0.3	0	0.0	74	0.3	13	0.2	7	0.2
Total	61602	100.0	36188	100.0	28685	100.0	23604	100.0	7383	100.0	3736	100.0

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PART II

INDIVIDUAL REGISTRY DATA - 1984 - 1993

Write up and Detailed Tabulations

BRIEF DESCRIPTION OF REGISTRY

List of Tables

1. Number of Cancers by Site (ICD-9) and 5 Year Age Group
2. Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Method of Diagnosis
3. Number(#) and Proportion (%) of Cancers by Site (ICD-9) and Detailed Microscopic Diagnosis.
4. Number(#) and Proportion (%) of Cancers by Site (ICD-9) and Broad Treatment Groups
5. Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease
6. Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Type of Treatment at Reporting Institution
7. Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Type of Any Specific Treatment at Reporting Institution
8. Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Treatment Status at Reporting Institution
9. Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease in the No Cancer Direct Treatment Group
10. Proportion(%) of patients who received and not received any Cancer Directed Treatment(CDT) according to Clinical Extent of Disease

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Bangalore	BLR	137 - 158
Chennai	CHN	159 - 180
Thiruvananthapuram	TVM	181 - 202
Chandigarh	CHG	203 - 224
Dibrugarh	DBG	225 - 246

HOSPITAL BASED CANCER REGISTRY

Kidwai Memorial Institute of Oncology, Bangalore

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Director, Kidwai Memorial Institute of Oncology, & Principal Investigator

Mr.K.Ramachandra Reddy

Co-Principal Investigator and Professor & Head

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Department of Biostatistics and Cancer Registry

The Kidwai Memorial Institute of Oncology is a comprehensive centre for cancer research and treatment in Karnataka and is one of the Regional Cancer Centres in the country, offering sophisticated diagnostic and treatment services to ever increasing numbers of the cancer afflicted from all over Karnataka State and adjoining areas of Andhra Pradesh, Tamil Nadu, Kerala, Maharashtra and Goa. The Institute started in 1973 with just 50 beds currently has 429 inpatient beds. Everyday 40-45 new patients and more than 650 follow-up patients visit the hospital.

The Institute being a referral cancer centre and in view of the facilities available, about 70 percent of the patients are referred by various medical institutions and private practitioners. Over 13,000 new cases are registered annually and about 1.90 lakhs follow-up patients are registered each year. More than 18% of patients are registered annually are from the adjacent states of Andhra Pradesh, Tamil Nadu, Maharashtra and Kerala.

The Hospital Based Cancer Registry was started at Kidwai Memorial Institute of Oncology in 1973. Medical Records section was part of the registry and reporting of data was limited to the number of cases by site and sex. The Indian Council of Medical Research, as part of expansion activity of National Cancer Registry Programme, included this registry under its network in 1984 and thus has continued to contribute data to NCRP for the past 15 years.

Functions of the Department

The Faculty of the Department is involved in teaching Biostatistics and Cancer Epidemiological methods to the students of super specialty courses in the institute, Post Graduate and Under Graduates of various disciplines. In addition, the faculty provides statistical consultation to many research projects.

The Registry Component of the department collects information on socio-demographic and life style habits from every patient on their registration. Subsequently, the data on clinical aspects such as Diagnosis, clinical extent /stage of the disease, treatment details, disease status at discharge etc. are abstracted from the case sheets on to the core proforma of NCRP. The data so collected is computerized with the software developed by the department to carryout the necessary quality checks. The data analysis is carried out and reports are generated every year, which will help the institute for administrative purposes, academic and research activities and assisting in Cancer Control activities.

Based on the observations made from the registry report(s), three case control studies were conducted. The Case Control study on Oesophageal cancer (in collaboration with ICMR) was completed and the results with detailed report was submitted to ICMR. The results on the cast control study of Breast Cancers will be published in the near future. The data collection is in progress for case control study on ovarian cancers.

Other Staff of Hospital Based Cancer Registry, Bangalore

Mr.D.J.Jayaram	:	Senior Investigator
Mr.C.Shivanna	:	Assistant Social Scientist (transferred to MCDU)
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Mr.A.Subramani	:	Coding Clerk
Mrs.A.K.Jyothi	:	Stenographer
Mr.V.M.Mahadevappa	:	Attender

**Table: BLR - 1(a): Number of Cancers by Site (ICD-9) and 5 Year Age Group:
1984 - 93 - Males**

ANS=Age Not Specified ; %= Relative Proportion of Cancers of All Sites.

Bangalore

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	3	4	7	6	20	3	14	3	5	8	0	73	0.23
141	Tongue	0	0	0	0	4	20	35	63	119	214	275	274	327	227	143	104	0	1805	5.80
142	Salivary Glands	1	1	2	7	0	6	5	15	10	27	29	11	22	13	14	10	0	173	0.56
143	Gum	0	1	0	0	3	0	12	21	29	39	79	72	85	51	40	41	0	473	1.52
144	Floor Of Mouth	0	0	0	1	0	2	5	9	17	33	41	43	34	31	9	10	0	235	0.76
145	Other Mouth	0	0	0	3	4	14	35	53	96	174	236	183	235	138	117	89	0	1377	4.43
146	Oropharynx	0	0	0	0	4	5	12	35	68	118	186	191	226	136	90	86	0	1157	3.72
147	Nasopharynx	0	2	19	17	20	14	18	16	19	40	25	21	17	13	5	8	0	254	0.82
148	Hypopharynx	0	0	1	10	19	28	33	91	161	343	516	538	638	489	267	240	0	3374	10.84
149	Pharynx Etc.	0	0	0	3	2	3	9	16	11	43	52	49	71	46	31	25	0	361	1.16
150	Oesophagus	0	0	0	2	8	20	38	104	200	386	583	497	567	401	308	209	0	3323	10.68
151	Stomach	0	0	1	2	11	23	57	82	122	200	234	232	264	199	127	88	0	1642	5.28
152	Small Intes.	0	0	0	0	0	0	1	1	2	3	5	2	4	1	0	0	0	19	0.06
153	Colon	0	0	0	6	13	23	21	27	32	51	39	38	28	29	17	16	0	340	1.09
154	Rectum	0	0	3	6	25	37	44	62	62	70	87	88	87	53	34	43	0	701	2.25
155	Liver	9	2	4	2	9	7	18	35	31	54	87	80	82	57	47	35	0	559	1.80
156	Gall Bladder	0	0	0	0	1	0	3	4	7	6	13	12	7	3	4	2	0	62	0.20
157	Pancreas	0	0	1	0	0	2	6	11	10	24	32	25	29	19	12	9	0	180	0.58
158	Retroperit.	13	6	2	6	5	1	6	16	9	13	10	17	6	10	5	1	0	126	0.40
159	Other Dig. Sys.	0	0	1	0	0	0	1	3	7	6	6	9	17	5	5	3	0	63	0.20
160	Nasal Cavity	2	3	4	3	6	13	8	14	16	22	34	31	38	17	14	18	0	243	0.78
161	Larynx	0	0	0	0	5	8	11	40	55	152	219	254	312	187	137	97	0	1477	4.75
162	Lung	0	0	0	1	10	14	19	68	132	235	344	358	448	367	236	136	0	2368	7.61
163	Pleura	0	0	0	0	2	1	0	4	6	2	3	3	4	5	0	2	0	32	0.10
164	Thymus	1	0	2	3	8	4	3	7	2	3	3	3	4	2	0	0	0	45	0.14
165	Other Resp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170	Bone	3	23	77	139	117	54	31	38	21	28	29	28	28	20	8	14	0	658	2.11
171	Conn. Tiss.	21	14	14	31	30	40	30	30	28	38	35	14	26	11	12	7	0	381	1.22
172	Skin Melanoma	0	0	0	1	3	6	12	3	8	11	8	13	17	8	10	3	0	103	0.33
173	Skin Other	4	1	0	6	8	12	17	27	22	48	50	49	71	46	20	32	0	413	1.33
175	Breast Male	0	0	0	0	0	1	2	4	1	4	25	11	11	8	10	6	0	83	0.27
185	Prostate	0	0	0	0	0	0	1	3	5	10	27	40	74	83	77	67	0	387	1.24
186	Testis	22	1	4	15	42	55	48	75	29	25	14	9	11	8	2	2	0	362	1.16
187	Penis Etc.	0	0	0	0	7	12	29	60	71	63	76	59	80	53	39	34	0	583	1.87
188	Uri. Bladder	3	2	0	0	1	3	7	14	20	26	45	52	69	57	60	51	1	411	1.32
189	Kidney	51	18	4	4	2	4	3	11	14	25	32	27	35	16	13	3	0	262	0.84
190	Eye	75	22	2	2	1	0	1	3	1	3	2	3	1	0	4	1	0	121	0.39
191	Brain	47	70	80	45	56	72	78	77	77	83	64	52	46	23	19	7	0	896	2.88
192	Nervous Sy.	4	2	3	2	1	5	1	3	1	1	2	0	1	0	0	0	0	26	0.08
193	Thyroid Gland	0	2	4	6	14	23	24	30	27	42	45	35	37	24	24	19	0	356	1.14
194	Oth. Endo. Glands	5	2	1	7	1	2	1	1	2	2	1	0	2	1	0	0	0	28	0.09
195	Ill Def. Site	12	7	10	9	10	6	9	9	10	11	25	15	15	4	11	16	0	179	0.58
196	Sec. Lymph Node	6	5	5	5	9	17	15	33	39	64	123	123	140	89	70	53	0	796	2.56
197	Sec. Res. Etc.	4	1	0	2	6	8	13	26	39	69	94	89	91	65	54	37	0	598	1.92
198	Sec. Other	13	8	2	7	10	6	7	22	16	35	49	51	77	45	28	17	0	393	1.26
199	Prim. Unknown	0	0	0	0	0	1	0	1	2	3	5	4	3	2	2	2	0	25	0.08
200	Lymphosarcoma	9	39	36	27	18	22	19	21	28	19	34	32	34	23	20	8	0	389	1.25
201	Hodgkin's Disease	13	82	75	61	44	54	30	37	39	27	22	28	24	14	8	9	0	567	1.82
202	Oth. Lymphoma	28	42	27	40	61	56	42	48	48	64	78	57	77	43	33	31	0	775	2.49
203	Multi. Myeloma	0	0	0	0	0	2	0	7	15	27	34	34	27	18	9	12	0	185	0.59
204	Leuk. Lymphatic	115	106	94	68	27	12	11	8	8	16	14	18	14	11	14	6	0	542	1.74
205	Leuk. Myelocytic	42	41	79	75	99	71	89	95	70	70	56	53	36	20	17	10	0	923	2.97
206	Leuk. Monocytic	2	2	1	0	0	0	0	1	3	0	0	0	1	0	2	0	0	12	0.04
207	Leuk. Misc.	4	6	8	6	6	4	1	2	0	5	2	4	0	0	0	0	0	48	0.15
208	Leuk. Unspecified	15	21	15	12	21	17	15	8	2	6	2	5	3	5	5	0	0	152	0.49
	All Sites	524	532	581	642	753	810	939	1498	1876	3089	4151	3939	4617	3199	2238	1727	1	31116	100.00

**Table: BLR - 1(b): Number of Cancers by Site (ICD-9) and 5 Year Age Group:
1984 - 1993 - Females**

ANS=Age Not Specified ; %= Relative Proportion of Cancers of All Sites.

Bangalore

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	2	5	9	8	8	6	12	7	4	5	0	67	0.19
141	Tongue	0	0	0	1	2	5	7	27	27	56	54	38	53	38	27	17	0	352	0.97
142	Salivary Glands	2	1	4	3	8	5	6	8	6	13	14	7	18	7	3	6	0	111	0.31
143	Gum	0	0	0	1	3	3	20	40	83	142	184	127	180	126	76	56	0	1041	2.88
144	Floor Of Mouth	0	0	0	0	1	5	0	7	3	5	4	8	7	5	1	1	0	47	0.13
145	Other Mouth	1	1	0	2	8	32	72	217	339	462	620	396	517	273	166	138	0	3244	8.96
146	Oropharynx	0	0	1	1	0	3	2	4	11	24	25	24	17	24	10	8	0	154	0.43
147	Nasopharynx	1	0	10	9	16	6	7	6	5	4	10	6	8	2	2	2	0	94	0.26
148	Hypopharynx	0	0	1	2	10	23	24	55	54	63	78	49	67	41	20	20	0	507	1.40
149	Pharynx Etc.	0	0	0	0	1	3	3	2	11	13	13	11	11	6	6	4	0	84	0.23
150	Oesophagus	0	0	0	2	8	21	49	118	180	313	425	366	414	268	152	106	0	2422	6.69
151	Stomach	0	0	0	1	2	25	30	63	64	84	86	83	90	56	38	25	0	647	1.79
152	Small Intes.	0	0	0	1	1	1	1	0	1	3	1	0	1	0	0	0	0	10	0.03
153	Colon	0	1	0	2	8	5	9	14	21	24	20	19	20	19	11	6	0	179	0.49
154	Rectum	0	0	3	3	17	28	29	46	40	63	78	67	65	37	26	27	0	529	1.46
155	Liver	6	1	3	3	5	6	4	6	16	20	25	19	18	10	7	3	0	152	0.42
156	Gall Bladder	0	0	0	0	0	0	0	2	5	6	8	9	9	7	2	3	0	51	0.14
157	Pancreas	0	0	0	1	0	2	3	4	11	13	13	8	12	6	5	2	0	80	0.22
158	Retroperit.	7	1	2	3	2	3	3	6	9	8	13	11	12	7	0	0	0	87	0.24
159	Other Dig. Sys.	0	0	0	1	1	1	2	3	3	4	5	5	1	1	0	1	0	28	0.08
160	Nasal Cavity	2	4	0	3	2	5	6	9	13	13	20	23	20	7	7	6	0	140	0.39
161	Larynx	1	0	0	4	1	4	2	10	10	21	21	18	16	16	13	6	0	143	0.40
162	Lung	0	0	0	1	2	7	8	17	23	34	64	46	54	36	16	17	0	325	0.90
163	Pleura	0	0	0	0	0	0	1	2	1	0	2	2	1	3	3	0	0	15	0.04
164	Thymus	1	1	3	1	0	1	1	2	1	0	0	0	0	0	0	1	0	12	0.03
165	Other Resp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170	Bone	6	20	59	68	31	21	19	18	14	20	17	14	16	15	9	3	0	350	0.97
171	Conn. Tiss.	8	8	9	17	21	22	14	22	17	28	23	10	15	9	9	7	0	239	0.66
172	Skin Melanoma	1	0	1	0	1	3	4	7	3	6	11	4	6	5	3	2	0	57	0.16
173	Skin Other	2	1	2	1	7	11	9	12	17	38	37	26	35	23	28	24	0	273	0.75
174	Breast	0	0	0	7	40	145	245	513	585	677	617	423	380	232	135	110	0	4109	11.35
179	Uterus Nos.	0	0	0	4	4	2	3	8	4	11	9	3	8	5	3	5	0	69	0.19
180	Cervix	0	0	0	3	67	321	797	1784	2165	2738	2336	1579	1543	719	357	198	0	14607	40.36
181	Placenta	0	0	0	7	15	14	10	8	5	2	1	1	1	1	0	0	0	65	0.18
182	Body Uterus	0	0	0	0	0	6	4	12	21	38	51	46	51	20	20	8	0	277	0.77
183	Ovary	1	9	18	34	39	66	62	93	137	206	181	108	115	57	31	9	0	1166	3.22
184	Vagina	4	0	0	0	8	6	13	30	41	73	67	53	79	55	34	19	0	482	1.33
188	Uri. Bladder	3	1	0	0	0	0	1	3	2	6	7	11	20	8	9	8	0	79	0.22
189	Kidney	28	13	3	2	2	7	9	7	13	14	12	10	11	9	6	5	0	151	0.42
190	Eye	53	18	2	1	1	4	2	2	1	1	2	2	1	4	0	2	0	96	0.27
191	Brain	21	52	52	28	27	28	25	38	21	24	24	22	14	5	6	1	0	388	1.07
192	Nervous Sy.	1	3	1	1	2	1	0	3	0	0	0	1	0	0	0	0	0	13	0.04
193	Thyroid Gland	0	1	7	22	41	53	68	56	68	60	91	68	69	35	25	13	0	677	1.87
194	Oth. Endo. Glands	5	2	3	0	1	0	0	0	1	1	1	0	0	0	0	0	0	14	0.04
195	Ill Def. Site	8	9	5	6	7	5	7	9	7	9	12	9	7	8	0	3	0	111	0.31
196	Sec. Lymph Node	6	1	1	1	2	8	18	12	16	27	27	29	29	25	15	13	0	230	0.64
197	Sec. Res. Etc.	1	1	0	1	1	3	11	22	24	44	52	51	46	22	21	16	0	316	0.87
198	Sec. Other	7	3	3	5	3	10	9	22	18	31	25	25	25	32	11	10	0	239	0.66
199	Prim. Unknown	0	1	0	0	0	1	1	0	1	1	2	2	1	2	0	0	0	12	0.03
200	Lymphosarcoma	6	11	5	9	11	10	5	8	8	13	7	12	10	8	5	4	0	132	0.36
201	Hodgkin's Disease	1	17	19	24	19	23	23	7	9	10	4	5	9	9	3	1	0	183	0.51
202	Oth. Lymphoma	11	12	12	12	17	14	11	22	18	33	26	25	28	22	13	11	0	287	0.79
203	Multi. Myeloma	0	0	0	2	0	0	3	6	12	12	14	18	18	18	6	5	0	114	0.32
204	Leuk. Lymphatic	74	49	33	22	7	3	3	6	9	6	8	6	7	5	4	3	0	245	0.68
205	Leuk. Myelocytic	12	26	41	37	64	64	64	68	46	50	51	30	27	12	10	3	0	605	1.67
206	Leuk. Monocytic	0	0	0	1	1	0	1	1	0	1	0	0	0	0	1	0	0	6	0.02
207	Leuk. Misc.	1	5	1	0	2	1	2	0	1	1	2	0	0	0	0	0	0	16	0.04
208	Leuk. Unspecified	11	5	7	7	2	5	5	3	3	3	4	1	2	0	1	0	0	59	0.16
	All Sites	292	278	311	367	541	1052	1739	3475	4233	5580	5512	3942	4196	2367	1360	943	0	36188	100.00

**Table: BLR - 2 (a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Method of Diagnosis
1984 - 93 - Males
Bangalore**

ICD-9	Site	Clinical		Microscopic		X - Ray		Others		Total	
		#	%	#	%	#	%	#	%	#	%
140	Lip	1	1.4	72	98.6	0	0.0	0	0.0	73	100.0
141	Tongue	72	4.0	1714	95.0	0	0.0	19	1.1	1805	100.0
142	Salivary Glands	4	2.3	167	96.5	0	0.0	2	1.2	173	100.0
143	Gum	4	0.8	467	98.7	0	0.0	2	0.4	473	100.0
144	Floor Of Mouth	6	2.6	227	96.6	0	0.0	2	0.9	235	100.0
145	Other Mouth	32	2.3	1333	96.8	1	0.1	11	0.8	1377	100.0
146	Oropharynx	35	3.0	1111	96.0	1	0.1	10	0.9	1157	100.0
147	Nasopharynx	12	4.7	233	91.7	0	0.0	9	3.5	254	100.0
148	Hypopharynx	167	4.9	3148	93.3	21	0.6	38	1.1	3374	100.0
149	Pharynx Etc.	12	3.3	346	95.8	0	0.0	3	0.8	361	100.0
150	Oesophagus	58	1.7	2801	84.3	347	10.4	117	3.5	3323	100.0
151	Stomach	174	10.6	1246	75.9	71	4.3	151	9.2	1642	100.0
152	Small Intes.	0	0.0	18	94.7	0	0.0	1	5.3	19	100.0
153	Colon	21	6.2	274	80.6	14	4.1	31	9.1	340	100.0
154	Rectum	39	5.6	647	92.3	2	0.3	13	1.9	701	100.0
155	Liver	31	5.5	517	92.5	10	1.8	1	0.2	559	100.0
156	Gall Bladder	4	6.5	43	69.4	11	17.7	4	6.5	62	100.0
157	Pancreas	25	13.9	85	47.2	31	17.2	39	21.7	180	100.0
158	Retroperit.	3	2.4	119	94.4	2	1.6	2	1.6	126	100.0
159	Other Dig. Sys.	1	1.6	62	98.4	0	0.0	0	0.0	63	100.0
160	Nasal Cavity	9	3.7	229	94.2	4	1.6	1	0.4	243	100.0
161	Larynx	151	10.2	1292	87.5	4	0.3	30	2.0	1477	100.0
162	Lung	66	2.8	2076	87.7	197	8.3	29	1.2	2368	100.0
163	Pleura	3	9.4	28	87.5	0	0.0	1	3.1	32	100.0
164	Thymus	1	2.2	44	97.8	0	0.0	0	0.0	45	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	11	1.7	616	93.6	29	4.4	2	0.3	658	100.0
171	Conn. Tiss.	3	0.8	372	97.6	3	0.8	3	0.8	381	100.0
172	Skin Melanoma	0	0.0	103	100.0	0	0.0	0	0.0	103	100.0
173	Skin Other	10	2.4	402	97.3	0	0.0	1	0.2	413	100.0
175	Breast Male	2	2.4	77	92.8	0	0.0	4	4.8	83	100.0
185	Prostate	22	5.7	339	87.6	11	2.8	15	3.9	387	100.0
186	Testis	6	1.7	352	97.2	0	0.0	4	1.1	362	100.0
187	Penis Etc.	34	5.8	533	91.4	0	0.0	16	2.7	583	100.0
188	Uri. Bladder	13	3.2	362	88.1	10	2.4	26	6.3	411	100.0
189	Kidney	7	2.7	242	92.4	9	3.4	4	1.5	262	100.0
190	Eye	9	7.4	111	91.7	0	0.0	1	0.8	121	100.0
191	Brain	5	0.6	831	92.7	57	6.4	3	0.3	896	100.0
192	Nervous Sy.	0	0.0	25	96.2	0	0.0	1	3.8	26	100.0
193	Thyroid Gland	11	3.1	343	96.3	1	0.3	1	0.3	356	100.0
194	Oth. Endo. Glands	1	3.6	25	89.3	2	7.1	0	0.0	28	100.0
195	Ill Def. Site	4	2.2	174	97.2	0	0.0	1	0.6	179	100.0
196	Sec. Lymph Node	9	1.1	785	98.6	1	0.1	1	0.1	796	100.0
197	Sec. Res. Etc.	50	8.4	503	84.1	37	6.2	8	1.3	598	100.0
198	Sec. Other	10	2.5	314	79.9	64	16.3	5	1.3	393	100.0
199	Prim. Unknown	14	56.0	3	12.0	7	28.0	1	4.0	25	100.0
200	Lymphosarcoma	0	0.0	389	100.0	0	0.0	0	0.0	389	100.0
201	Hodgkin's Disease	0	0.0	567	100.0	0	0.0	0	0.0	567	100.0
202	Oth. Lymphoma	8	1.0	758	97.8	5	0.6	4	0.5	775	100.0
203	Multi. Myeloma	2	1.1	175	94.6	8	4.3	0	0.0	185	100.0
204	Leuk. Lymphatic	2	0.4	538	99.3	0	0.0	2	0.4	542	100.0
205	Leuk. Myelocytic	2	0.2	919	99.6	0	0.0	2	0.2	923	100.0
206	Leuk. Monocytic	0	0.0	12	100.0	0	0.0	0	0.0	12	100.0
207	Leuk. Misc.	0	0.0	48	100.0	0	0.0	0	0.0	48	100.0
208	Leuk. Unspecified	8	5.3	143	94.1	0	0.0	1	0.7	152	100.0
	All Sites	1174	3.8	28360	91.1	960	3.1	622	2.0	31116	100.0

Table: BLR - 2(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Method of Diagnosis 1984 - 93 - Females Bangalore

ICD-9	Site	Clinical		Microscopic		X - Ray		Others		Total	
		#	%	#	%	#	%	#	%	#	%
140	Lip	2	3.0	65	97.0	0	0.0	0	0.0	67	100.0
141	Tongue	9	2.6	339	96.3	0	0.0	4	1.1	352	100.0
142	Salivary Glands	5	4.5	105	94.6	0	0.0	1	0.9	111	100.0
143	Gum	14	1.3	1021	98.1	2	0.2	4	0.4	1041	100.0
144	Floor Of Mouth	1	2.1	46	97.9	0	0.0	0	0.0	47	100.0
145	Other Mouth	100	3.1	3132	96.5	0	0.0	12	0.4	3244	100.0
146	Oropharynx	4	2.6	148	96.1	0	0.0	2	1.3	154	100.0
147	Nasopharynx	3	3.2	88	93.6	2	2.1	1	1.1	94	100.0
148	Hypopharynx	36	7.1	458	90.3	8	1.6	5	1.0	507	100.0
149	Pharynx Etc.	1	1.2	83	98.8	0	0.0	0	0.0	84	100.0
150	Oesophagus	32	1.3	2096	86.5	223	9.2	71	2.9	2422	100.0
151	Stomach	61	9.4	492	76.0	29	4.5	65	10.0	647	100.0
152	Small Intes.	0	0.0	10	100.0	0	0.0	0	0.0	10	100.0
153	Colon	12	6.7	155	86.6	3	1.7	9	5.0	179	100.0
154	Rectum	25	4.7	497	94.0	1	0.2	6	1.1	529	100.0
155	Liver	9	5.9	137	90.1	5	3.3	1	0.7	152	100.0
156	Gall Bladder	3	5.9	35	68.6	7	13.7	6	11.8	51	100.0
157	Pancreas	14	17.5	49	61.3	9	11.3	8	10.0	80	100.0
158	Retroperit.	0	0.0	84	96.6	2	2.3	1	1.1	87	100.0
159	Other Dig. Sys.	0	0.0	28	100.0	0	0.0	0	0.0	28	100.0
160	Nasal Cavity	2	1.4	133	95.0	0	0.0	5	3.6	140	100.0
161	Larynx	6	4.2	136	95.1	0	0.0	1	0.7	143	100.0
162	Lung	4	1.2	291	89.5	23	7.1	7	2.2	325	100.0
163	Pleura	0	0.0	15	100.0	0	0.0	0	0.0	15	100.0
164	Thymus	0	0.0	12	100.0	0	0.0	0	0.0	12	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	7	2.0	332	94.9	10	2.9	1	0.3	350	100.0
171	Conn. Tiss.	2	0.8	233	97.5	4	1.7	0	0.0	239	100.0
172	Skin Melanoma	1	1.8	56	98.2	0	0.0	0	0.0	57	100.0
173	Skin Other	3	1.1	268	98.2	0	0.0	2	0.7	273	100.0
174	Breast	134	3.3	3849	93.7	11	0.3	115	2.8	4109	100.0
179	Uterus Nos.	1	1.4	66	95.7	1	1.4	1	1.4	69	100.0
180	Cervix	253	1.7	14229	97.4	0	0.0	125	0.9	14607	100.0
181	Placenta	2	3.1	33	50.8	6	9.2	24	36.9	65	100.0
182	Body Uterus	3	1.1	271	97.8	0	0.0	3	1.1	277	100.0
183	Ovary	22	1.9	1118	95.9	5	0.4	21	1.8	1166	100.0
184	Vagina	10	2.1	465	96.5	0	0.0	7	1.5	482	100.0
188	Uri. Bladder	2	2.5	69	87.3	4	5.1	4	5.1	79	100.0
189	Kidney	5	3.3	144	95.4	1	0.7	1	0.7	151	100.0
190	Eye	7	7.3	87	90.6	1	1.0	1	1.0	96	100.0
191	Brain	7	1.8	348	89.7	30	7.7	3	0.8	388	100.0
192	Nervous Sy.	0	0.0	13	100.0	0	0.0	0	0.0	13	100.0
193	Thyroid Gland	25	3.7	636	93.9	12	1.8	4	0.6	677	100.0
194	Oth. Endo. Glands	0	0.0	14	100.0	0	0.0	0	0.0	14	100.0
195	Ill Def. Site	5	4.5	104	93.7	0	0.0	2	1.8	111	100.0
196	Sec. Lymph Node	3	1.3	226	98.3	0	0.0	1	0.4	230	100.0
197	Sec. Res. Etc.	22	7.0	270	85.4	20	6.3	4	1.3	316	100.0
198	Sec. Other	9	3.8	190	79.5	37	15.5	3	1.3	239	100.0
199	Prim. Unknown	6	50.0	2	16.7	3	25.0	1	8.3	12	100.0
200	Lymphosarcoma	0	0.0	132	100.0	0	0.0	0	0.0	132	100.0
201	Hodgkin's Disease	0	0.0	183	100.0	0	0.0	0	0.0	183	100.0
202	Oth. Lymphoma	1	0.3	286	99.7	0	0.0	0	0.0	287	100.0
203	Multi. Myeloma	0	0.0	111	97.4	3	2.6	0	0.0	114	100.0
204	Leuk. Lymphatic	0	0.0	245	100.0	0	0.0	0	0.0	245	100.0
205	Leuk. Myelocytic	0	0.0	605	100.0	0	0.0	0	0.0	605	100.0
206	Leuk. Monocytic	0	0.0	6	100.0	0	0.0	0	0.0	6	100.0
207	Leuk. Misc.	0	0.0	16	100.0	0	0.0	0	0.0	16	100.0
208	Leuk. Unspecified	2	3.4	56	94.9	0	0.0	1	1.7	59	100.0
	All Sites	875	2.4	34318	94.8	462	1.3	533	1.5	36188	100.0

**Table: BLR - 3(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Detailed Microscopic Diagnosis
1984 - 93 - Males
Bangalore**

ICD-9	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	72	98.6	0	0.0	0	0.0	0	0.0	0	0.0	1	1.4	73	100.0
141	Tongue	1229	68.1	42	2.3	443	24.5	0	0.0	0	0.0	91	5.0	1805	100.0
142	Salivary Glands	116	67.1	3	1.7	48	27.7	0	0.0	0	0.0	6	3.5	173	100.0
143	Gum	459	97.0	1	0.2	7	1.5	0	0.0	0	0.0	6	1.3	473	100.0
144	Floor of Mouth	218	92.8	0	0.0	9	3.8	0	0.0	0	0.0	8	3.4	235	100.0
145	Other Mouth	1298	94.3	1	0.1	34	2.5	0	0.0	0	0.0	44	3.2	1377	100.0
146	Oropharynx	867	74.9	26	2.2	218	18.8	0	0.0	0	0.0	46	4.0	1157	100.0
147	Nasopharynx	133	52.4	31	12.2	69	27.2	0	0.0	0	0.0	21	8.3	254	100.0
148	Hypopharynx	1807	53.6	101	3.0	1240	36.8	0	0.0	0	0.0	226	6.7	3374	100.0
149	Pharynx Etc.	254	70.4	7	1.9	85	23.5	0	0.0	0	0.0	15	4.2	361	100.0
150	Oesophagus	2538	76.4	27	0.8	236	7.1	0	0.0	0	0.0	522	15.7	3323	100.0
151	Stomach	956	58.2	96	5.8	193	11.8	0	0.0	1	0.1	396	24.1	1642	100.0
152	Small Intes.	17	89.5	1	5.3	0	0.0	0	0.0	0	0.0	1	5.3	19	100.0
153	Colon	224	65.9	18	5.3	32	9.4	0	0.0	0	0.0	66	19.4	340	100.0
154	Rectum	620	88.4	5	0.7	22	3.1	0	0.0	0	0.0	54	7.7	701	100.0
155	Liver	233	41.7	6	1.1	278	49.7	0	0.0	0	0.0	42	7.5	559	100.0
156	Gall Bladder	34	54.8	4	6.5	5	8.1	0	0.0	0	0.0	19	30.6	62	100.0
157	Pancreas	42	23.3	11	6.1	32	17.8	0	0.0	0	0.0	95	52.8	180	100.0
158	Retroperito.	78	61.9	3	2.4	37	29.4	0	0.0	1	0.8	7	5.6	126	100.0
159	Other Dig. Sys.	5	7.9	33	52.4	24	38.1	0	0.0	0	0.0	1	1.6	63	100.0
160	Nasal Cavity	199	81.9	0	0.0	30	12.3	0	0.0	0	0.0	14	5.8	243	100.0
161	Larynx	1031	69.8	20	1.4	241	16.3	0	0.0	0	0.0	185	12.5	1477	100.0
162	Lung	574	24.2	220	9.3	1281	54.1	0	0.0	1	0.0	292	12.3	2368	100.0
163	Pleura	7	21.9	0	0.0	21	65.6	0	0.0	0	0.0	4	12.5	32	100.0
164	Thymus	20	44.4	0	0.0	24	53.3	0	0.0	0	0.0	1	2.2	45	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	502	76.3	1	0.2	113	17.2	0	0.0	0	0.0	42	6.4	658	100.0
171	Conn. Tiss.	294	77.2	1	0.3	76	19.9	0	0.0	1	0.3	9	2.4	381	100.0
172	Skin Melanoma	89	86.4	3	2.9	11	10.7	0	0.0	0	0.0	0	0.0	103	100.0
173	Skin Other	371	89.8	5	1.2	26	6.3	0	0.0	0	0.0	11	2.7	413	100.0
175	Breast Male	61	73.5	2	2.4	14	16.9	0	0.0	0	0.0	6	7.2	83	100.0
185	Prostate	247	63.8	20	5.2	71	18.3	0	0.0	1	0.3	48	12.4	387	100.0
186	Testis	294	81.2	15	4.1	43	11.9	0	0.0	0	0.0	10	2.8	362	100.0
187	Penis Etc.	481	82.5	15	2.6	37	6.3	0	0.0	0	0.0	50	8.6	583	100.0
188	Uri. Bladder	305	74.2	1	0.2	56	13.6	0	0.0	0	0.0	49	11.9	411	100.0
189	Kidney	183	69.8	6	2.3	53	20.2	0	0.0	0	0.0	20	7.6	262	100.0
190	Eye	96	79.3	1	0.8	13	10.7	0	0.0	1	0.8	10	8.3	121	100.0
191	Brain	827	92.3	0	0.0	4	0.4	0	0.0	0	0.0	65	7.3	896	100.0
192	Nervous Sy.	25	96.2	0	0.0	0	0.0	0	0.0	0	0.0	1	3.8	26	100.0
193	Thyroid Gland	229	64.3	24	6.7	90	25.3	0	0.0	0	0.0	13	3.7	356	100.0
194	Oth. Endo. Glands	20	71.4	0	0.0	5	17.9	0	0.0	0	0.0	3	10.7	28	100.0
195	Ill Def. Site	121	67.6	8	4.5	45	25.1	0	0.0	0	0.0	5	2.8	179	100.0
196	Sec. Lymph Node	0	0.0	272	34.2	513	64.4	0	0.0	0	0.0	11	1.4	796	100.0
197	Sec. Res. Etc.	0	0.0	97	16.2	405	67.7	0	0.0	1	0.2	95	15.9	598	100.0
198	Sec. Other	0	0.0	210	53.4	100	25.4	0	0.0	4	1.0	79	20.1	393	100.0
199	Prim. Unknown	0	0.0	0	0.0	1	4.0	0	0.0	2	8.0	22	88.0	25	100.0
200	Lymphosarcoma	301	77.4	0	0.0	66	17.0	2	0.5	20	5.1	0	0.0	389	100.0
201	Hodgkin's Disease	535	94.4	0	0.0	24	4.2	5	0.9	3	0.5	0	0.0	567	100.0
202	Oth. Lymphoma	524	67.6	0	0.0	190	24.5	7	0.9	37	4.8	17	2.2	775	100.0
203	Mult. Myeloma	38	20.5	0	0.0	14	7.6	1	0.5	122	65.9	10	5.4	185	100.0
204	Leuk. Lymphatic	2	0.4	0	0.0	0	0.0	91	16.8	445	82.1	4	0.7	542	100.0
205	Leuk. Myelocytic	3	0.3	0	0.0	2	0.2	235	25.5	679	73.6	4	0.4	923	100.0
206	Leuk. Monocytic	1	8.3	0	0.0	0	0.0	1	8.3	10	83.3	0	0.0	12	100.0
207	Leuk. Oth. Sp.	0	0.0	0	0.0	1	2.1	15	31.3	32	66.7	0	0.0	48	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	43	28.3	100	65.8	9	5.9	152	100.0
	All Sites	18580	59.7	1337	4.3	6582	21.2	400	1.3	1461	4.7	2756	8.9	31116	100.0

**Table: BLR - 3(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Detailed Microscopic Diagnosis
1984 - 93 - Females
Bangalore**

ICD-9	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	65	97.0	0	0.0	0	0.0	0	0.0	0	0.0	2	3.0	67	100.0
141	Tongue	299	84.9	1	0.3	39	11.1	0	0.0	0	0.0	13	3.7	352	100.0
142	Salivary Glands	65	58.6	2	1.8	38	34.2	0	0.0	0	0.0	6	5.4	111	100.0
143	Gum	1014	97.4	0	0.0	7	0.7	0	0.0	0	0.0	20	1.9	1041	100.0
144	Floor of Mouth	44	93.6	0	0.0	2	4.3	0	0.0	0	0.0	1	2.1	47	100.0
145	Other Mouth	3088	95.2	3	0.1	41	1.3	0	0.0	0	0.0	112	3.5	3244	100.0
146	Oropharynx	122	79.2	1	0.6	25	16.2	0	0.0	0	0.0	6	3.9	154	100.0
147	Nasopharynx	50	53.2	16	17.0	22	23.4	0	0.0	0	0.0	6	6.4	94	100.0
148	Hypopharynx	340	67.1	10	2.0	108	21.3	0	0.0	0	0.0	49	9.7	507	100.0
149	Pharynx Etc.	68	81.0	0	0.0	15	17.9	0	0.0	0	0.0	1	1.2	84	100.0
150	Oesophagus	1914	79.0	25	1.0	157	6.5	0	0.0	0	0.0	326	13.5	2422	100.0
151	Stomach	384	59.4	36	5.6	71	11.0	0	0.0	1	0.2	155	24.0	647	100.0
152	Small Intes.	10	99.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10	100.0
153	Colon	132	73.7	9	5.0	14	7.8	0	0.0	0	0.0	24	13.4	179	100.0
154	Rectum	480	90.7	7	1.3	10	1.9	0	0.0	0	0.0	32	6.0	529	100.0
155	Liver	54	35.5	1	0.7	82	53.9	0	0.0	0	0.0	15	9.9	152	100.0
156	Gall Bladder	27	52.9	2	3.9	6	11.8	0	0.0	0	0.0	16	31.4	51	100.0
157	Pancreas	14	17.5	9	11.3	26	32.5	0	0.0	0	0.0	31	38.8	80	100.0
158	Retroperito.	54	62.1	1	1.1	29	33.3	0	0.0	0	0.0	3	3.4	87	100.0
159	Other Dig. Sys.	5	17.9	18	64.3	5	17.9	0	0.0	0	0.0	0	0.0	28	100.0
160	Nasal Cavity	116	82.9	0	0.0	17	12.1	0	0.0	0	0.0	7	5.0	140	100.0
161	Larynx	106	74.1	2	1.4	28	19.6	0	0.0	0	0.0	7	4.9	143	100.0
162	Lung	88	27.1	33	10.2	170	52.3	0	0.0	0	0.0	34	10.5	325	100.0
163	Pleura	3	20.0	0	0.0	12	80.0	0	0.0	0	0.0	0	0.0	15	100.0
164	Thymus	6	50.0	0	0.0	6	50.0	0	0.0	0	0.0	0	0.0	12	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	281	80.3	1	0.3	50	14.3	0	0.0	0	0.0	18	5.1	350	100.0
171	Conn. Tiss.	189	79.1	1	0.4	43	18.0	0	0.0	0	0.0	6	2.5	239	100.0
172	Skin Melanoma	45	78.9	5	8.8	6	10.5	0	0.0	0	0.0	1	1.8	57	100.0
173	Skin Other	251	91.9	3	1.1	14	5.1	0	0.0	0	0.0	5	1.8	273	100.0
174	Breast Female	2987	72.7	59	1.4	800	19.5	2	0.0	1	0.0	260	6.3	4109	100.0
179	Uterus Nos.	64	92.8	1	1.4	1	1.4	0	0.0	0	0.0	3	4.3	69	100.0
180	Cervix	14167	97.0	10	0.1	51	0.3	0	0.0	1	0.0	378	2.6	14607	100.0
181	Placenta	29	44.6	2	3.1	2	3.1	0	0.0	0	0.0	32	49.2	65	100.0
182	Body Uterus	268	96.8	1	0.4	2	0.7	0	0.0	0	0.0	6	2.2	277	100.0
183	Ovary	797	68.4	48	4.1	273	23.4	0	0.0	0	0.0	48	4.1	1166	100.0
184	Vagina	457	94.8	1	0.2	7	1.5	0	0.0	0	0.0	17	3.5	482	100.0
188	Uri. Bladder	60	75.9	0	0.0	9	11.4	0	0.0	0	0.0	10	12.7	79	100.0
189	Kidney	110	72.8	4	2.6	30	19.9	0	0.0	0	0.0	7	4.6	151	100.0
190	Eye	76	79.2	1	1.0	10	10.4	0	0.0	0	0.0	9	9.4	96	100.0
191	Brain	346	89.2	1	0.3	1	0.3	0	0.0	0	0.0	40	10.3	388	100.0
192	Nervous Sy.	13	99.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	13	100.0
193	Thyroid Gland	435	64.3	24	3.5	176	26.0	0	0.0	1	0.1	41	6.1	677	100.0
194	Oth. Endo. Glands	8	57.1	1	7.1	5	35.7	0	0.0	0	0.0	0	0.0	14	100.0
195	Ill Def. Site	76	68.5	0	0.0	28	25.2	0	0.0	0	0.0	7	6.3	111	100.0
196	Sec. Lymph Node	0	0.0	95	41.3	130	56.5	1	0.4	0	0.0	4	1.7	230	100.0
197	Sec. Res. Etc.	0	0.0	60	19.0	209	66.1	0	0.0	0	0.0	47	14.9	316	100.0
198	Sec. Other	1	0.4	134	56.1	49	20.5	0	0.0	6	2.5	49	20.5	239	100.0
199	Prim. Unknown	0	0.0	0	0.0	1	8.3	0	0.0	1	8.3	10	83.3	12	100.0
200	Lymphosarcoma	100	75.8	0	0.0	24	18.2	1	0.8	7	5.3	0	0.0	132	100.0
201	Hodgkin's Disease	168	91.8	0	0.0	11	6.0	0	0.0	4	2.2	0	0.0	183	100.0
202	Oth. Lymphoma	215	74.9	0	0.0	60	20.9	2	0.7	9	3.1	1	0.3	287	100.0
203	Mult. Myeloma	30	26.3	0	0.0	5	4.4	1	0.9	75	65.8	3	2.6	114	100.0
204	Leuk. Lymphatic	1	0.4	0	0.0	0	0.0	56	22.9	188	76.7	0	0.0	245	100.0
205	Leuk. Myelocytic	3	0.5	0	0.0	3	0.5	149	24.6	450	74.4	0	0.0	605	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	6	99.9	0	0.0	6	100.0
207	Leuk. Oth. Sp.	0	0.0	0	0.0	2	12.5	3	18.8	11	68.8	0	0.0	16	100.0
208	Leuk. Unspecified	1	1.7	0	0.0	0	0.0	29	49.2	26	44.1	3	5.1	59	100.0
	All Sites	29726	82.1	628	1.7	2932	8.1	244	0.7	787	2.2	1871	5.2	36188	100.0

**Table: BLR - 4(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Broad Treatment Group
1984 - 93 - Males
Bangalore**

ICD-9	Site	Prior Tmt.		Prior + at RI		Only at RI		No CDT*		Total	
		#	%	#	%	#	%	#	%	#	%
140	Lip	2	2.7	1	1.4	41	56.2	29	39.7	73	100.0
141	Tongue	53	2.9	33	1.8	1040	57.6	679	37.6	1805	100.0
142	Salivary Glands	22	12.7	39	22.5	58	33.5	54	31.2	173	100.0
143	Gum	7	1.5	15	3.2	264	55.8	187	39.5	473	100.0
144	Floor Of Mouth	10	4.3	6	2.6	149	63.4	70	29.8	235	100.0
145	Other Mouth	39	2.8	30	2.2	806	58.5	502	36.5	1377	100.0
146	Oropharynx	26	2.2	16	1.4	694	60.0	421	36.4	1157	100.0
147	Nasopharynx	17	6.7	6	2.4	157	61.8	74	29.1	254	100.0
148	Hypopharynx	80	2.4	43	1.3	1770	52.5	1481	43.9	3374	100.0
149	Pharynx Etc.	8	2.2	1	0.3	212	58.7	140	38.8	361	100.0
150	Oesophagus	108	3.3	46	1.4	1635	49.2	1534	46.2	3323	100.0
151	Stomach	292	17.8	154	9.4	355	21.6	841	51.2	1642	100.0
152	Small Intes.	11	57.9	3	15.8	1	5.3	4	21.1	19	100.0
153	Colon	98	28.8	90	26.5	79	23.2	73	21.5	340	100.0
154	Rectum	69	9.8	74	10.6	261	37.2	297	42.4	701	100.0
155	Liver	7	1.3	5	0.9	196	35.1	351	62.8	559	100.0
156	Gall Bladder	15	24.2	3	4.8	15	24.2	29	46.8	62	100.0
157	Pancreas	30	16.7	11	6.1	43	23.9	96	53.3	180	100.0
158	Retroperit.	14	11.1	16	12.7	38	30.2	58	46.0	126	100.0
159	Other Dig. Sys.	4	6.3	3	4.8	16	25.4	40	63.5	63	100.0
160	Nasal Cavity	31	12.8	20	8.2	89	36.6	103	42.4	243	100.0
161	Larynx	61	4.1	40	2.7	697	47.2	679	46.0	1477	100.0
162	Lung	61	2.6	53	2.2	1279	54.0	975	41.2	2368	100.0
163	Pleura	1	3.1	2	6.3	11	34.4	18	56.3	32	100.0
164	Thymus	9	20.0	5	11.1	18	40.0	13	28.9	45	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	66	10.0	66	10.0	287	43.6	239	36.3	658	100.0
171	Conn. Tiss.	69	18.1	92	24.1	130	34.1	90	23.6	381	100.0
172	Skin Melanoma	23	22.3	15	14.6	29	28.2	36	35.0	103	100.0
173	Skin Other	62	15.0	51	12.3	159	38.5	141	34.1	413	100.0
175	Breast Male	18	21.7	23	27.7	19	22.9	23	27.7	83	100.0
185	Prostate	92	23.8	105	27.1	102	26.4	88	22.7	387	100.0
186	Testis	114	31.5	146	40.3	61	16.9	41	11.3	362	100.0
187	Penis Etc.	110	18.9	74	12.7	230	39.5	169	29.0	583	100.0
188	Uri. Bladder	89	21.7	61	14.8	121	29.4	140	34.1	411	100.0
189	Kidney	59	22.5	79	30.2	63	24.0	61	23.3	262	100.0
190	Eye	24	19.8	41	33.9	30	24.8	26	21.5	121	100.0
191	Brain	183	20.4	561	62.6	100	11.2	52	5.8	896	100.0
192	Nervous Sy.	6	23.1	16	61.5	3	11.5	1	3.8	26	100.0
193	Thyroid Gland	46	12.9	93	26.1	114	32.0	103	28.9	356	100.0
194	Oth. Endo. Glands	6	21.4	11	39.3	5	17.9	6	21.4	28	100.0
195	Ill Def. Site	27	15.1	26	14.5	60	33.5	66	36.9	179	100.0
196	Sec. Lymph Node	16	2.0	4	0.5	299	37.6	477	59.9	796	100.0
197	Sec. Res. Etc.	12	2.0	1	0.2	110	18.4	475	79.4	598	100.0
198	Sec. Other	32	8.1	71	18.1	133	33.8	157	39.9	393	100.0
199	Prim. Unknown	0	0.0	1	4.0	8	32.0	16	64.0	25	100.0
200	Lymphosarcoma	17	4.4	22	5.7	263	67.6	87	22.4	389	100.0
201	Hodgkin's Disease	13	2.3	28	4.9	410	72.3	116	20.5	567	100.0
202	Oth. Lymphoma	33	4.3	67	8.6	424	54.7	251	32.4	775	100.0
203	Multi. Myeloma	7	3.8	19	10.3	125	67.6	34	18.4	185	100.0
204	Leuk. Lymphatic	12	2.2	19	3.5	379	69.9	132	24.4	542	100.0
205	Leuk. Myelocytic	27	2.9	32	3.5	506	54.8	358	38.8	923	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	5	41.7	7	58.3	12	100.0
207	Leuk. Misc.	0	0.0	3	6.3	37	77.1	8	16.7	48	100.0
208	Leuk. Unspecified	7	4.6	1	0.7	53	34.9	91	59.9	152	100.0
	All Sites	2245	7.2	2443	7.9	14189	45.6	12239	39.3	31116	100.0

* : Cancer Directed Treatment

**Table: BLR - 4(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Broad Treatment Group
1984 - 93 - Females
Bangalore**

ICD-9	Site	Prior Tmt.		Prior+ at RI		Only at RI		No CDT*		Total	
		#	%	#	%	#	%	#	%	#	%
140	Lip	1	1.5	1	1.5	36	53.7	29	43.3	67	100.0
141	Tongue	7	2.0	8	2.3	215	61.1	122	34.7	352	100.0
142	Salivary Glands	15	13.5	21	18.9	30	27.0	45	40.5	111	100.0
143	Gum	11	1.1	17	1.6	621	59.7	392	37.7	1041	100.0
144	Floor Of Mouth	3	6.4	2	4.3	30	63.8	12	25.5	47	100.0
145	Other Mouth	33	1.0	44	1.4	1925	59.3	1242	38.3	3244	100.0
146	Oropharynx	7	4.5	2	1.3	98	63.6	47	30.5	154	100.0
147	Nasopharynx	2	2.1	4	4.3	64	68.1	24	25.5	94	100.0
148	Hypopharynx	18	3.6	5	1.0	273	53.8	211	41.6	507	100.0
149	Pharynx Etc.	0	0.0	0	0.0	51	60.7	33	39.3	84	100.0
150	Oesophagus	50	2.1	47	1.9	1273	52.6	1052	43.4	2422	100.0
151	Stomach	118	18.2	53	8.2	155	24.0	321	49.6	647	100.0
152	Small Intes.	5	50.0	1	10.0	2	20.0	2	20.0	10	100.0
153	Colon	52	29.1	54	30.2	34	19.0	39	21.8	179	100.0
154	Rectum	49	9.3	44	8.3	185	35.0	251	47.4	529	100.0
155	Liver	3	2.0	2	1.3	61	40.1	86	56.6	152	100.0
156	Gall Bladder	11	21.6	4	7.8	14	27.5	22	43.1	51	100.0
157	Pancreas	12	15.0	3	3.8	22	27.5	43	53.8	80	100.0
158	Retroperit.	15	17.2	12	13.8	20	23.0	40	46.0	87	100.0
159	Other Dig. Sys.	6	21.4	2	7.1	10	35.7	10	35.7	28	100.0
160	Nasal Cavity	14	10.0	14	10.0	65	46.4	47	33.6	140	100.0
161	Larynx	4	2.8	6	4.2	81	56.6	52	36.4	143	100.0
162	Lung	16	4.9	13	4.0	158	48.6	138	42.5	325	100.0
163	Pleura	0	0.0	0	0.0	6	40.0	9	60.0	15	100.0
164	Thymus	0	0.0	2	16.7	7	58.3	3	25.0	12	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	23	6.6	33	9.4	148	42.3	146	41.7	350	100.0
171	Conn. Tiss.	35	14.6	66	27.6	62	25.9	76	31.8	239	100.0
172	Skin Melanoma	9	15.8	8	14.0	17	29.8	23	40.4	57	100.0
173	Skin Other	37	13.6	33	12.1	122	44.7	81	29.7	273	100.0
174	Breast	746	18.2	1385	33.7	1189	28.9	789	19.2	4109	100.0
179	Uterus Nos.	15	21.7	18	26.1	24	34.8	12	17.4	69	100.0
180	Cervix	404	2.8	402	2.8	7738	53.0	6063	41.5	14607	100.0
181	Placenta	9	13.8	11	16.9	36	55.4	9	13.8	65	100.0
182	Body Uterus	38	13.7	62	22.4	137	49.5	40	14.4	277	100.0
183	Ovary	263	22.6	346	29.7	335	28.7	222	19.0	1166	100.0
184	Vagina	36	7.5	24	5.0	247	51.2	175	36.3	482	100.0
188	Uri. Bladder	11	13.9	12	15.2	15	19.0	41	51.9	79	100.0
189	Kidney	38	25.2	42	27.8	38	25.2	33	21.9	151	100.0
190	Eye	20	20.8	28	29.2	28	29.2	20	20.8	96	100.0
191	Brain	72	18.6	253	65.2	40	10.3	23	5.9	388	100.0
192	Nervous Sy.	1	7.7	9	69.2	1	7.7	2	15.4	13	100.0
193	Thyroid Gland	124	18.3	187	27.6	177	26.1	189	27.9	677	100.0
194	Oth. Endo. Glands	1	7.1	5	35.7	7	50.0	1	7.1	14	100.0
195	Ill Def. Site	18	16.2	20	18.0	33	29.7	40	36.0	111	100.0
196	Sec. Lymph Node	14	6.1	7	3.0	70	30.4	139	60.4	230	100.0
197	Sec. Res. Etc.	11	3.5	2	0.6	60	19.0	243	76.9	316	100.0
198	Sec. Other	24	10.0	40	16.7	91	38.1	84	35.1	239	100.0
199	Prim. Unknown	1	8.3	0	0.0	1	8.3	10	83.3	12	100.0
200	Lymphosarcoma	4	3.0	12	9.1	84	63.6	32	24.2	132	100.0
201	Hodgkin's Disease	2	1.1	2	1.1	132	72.1	47	25.7	183	100.0
202	Oth. Lymphoma	13	4.5	19	6.6	172	59.9	83	28.9	287	100.0
203	Multi. Myeloma	9	7.9	11	9.6	70	61.4	24	21.1	114	100.0
204	Leuk. Lymphatic	8	3.3	10	4.1	150	61.2	77	31.4	245	100.0
205	Leuk. Myelocytic	13	2.1	18	3.0	321	53.1	253	41.8	605	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	4	66.7	2	33.3	6	100.0
207	Leuk. Misc.	0	0.0	0	0.0	11	68.8	5	31.3	16	100.0
208	Leuk. Unspecified	3	5.1	0	0.0	8	13.6	48	81.4	59	100.0
	All Sites	2454	6.8	3426	9.5	17004	47.0	13304	36.8	36188	100.0

* : Cancer Directed Treatment

**Table: BLR - 5(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease (Excluding the Cancers Previously Treated)
1984 - 93 - Males
Bangalore**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	17	24.3	47	67.1	6	8.6	0	0.0	0	0.0	70	100.0
141	Tongue	137	8.0	1472	85.6	106	6.2	3	0.2	1	0.1	1719	100.0
142	Salivary Glands	35	31.3	52	46.4	24	21.4	1	0.9	0	0.0	112	100.0
143	Gum	19	4.2	400	88.7	30	6.7	2	0.4	0	0.0	451	100.0
144	Floor of Mouth	15	6.8	187	85.4	15	6.8	2	0.9	0	0.0	219	100.0
145	Other Mouth	162	12.4	1048	80.1	93	7.1	3	0.2	2	0.2	1308	100.0
146	Oropharynx	97	8.7	947	84.9	59	5.3	7	0.6	5	0.4	1115	100.0
147	Nasopharynx	5	2.2	193	83.5	33	14.3	0	0.0	0	0.0	231	100.0
148	Hypopharynx	250	7.7	2786	85.7	197	6.1	14	0.4	4	0.1	3251	100.0
149	Pharynx Etc.	50	14.2	276	78.4	22	6.3	2	0.6	2	0.6	352	100.0
150	Oesophagus	1183	37.3	1203	38.0	411	13.0	287	9.1	85	2.7	3169	100.0
151	Stomach	166	13.9	364	30.4	619	51.8	20	1.7	27	2.3	1196	100.0
152	Small Intes.	0	0.0	1	20.0	3	60.0	1	20.0	0	0.0	5	100.0
153	Colon	38	25.0	53	34.9	59	38.8	1	0.7	1	0.7	152	100.0
154	Rectum	142	25.4	308	55.2	103	18.5	4	0.7	1	0.2	558	100.0
155	Liver	156	28.5	148	27.1	219	40.0	2	0.4	22	4.0	547	100.0
156	Gall Bladder	6	13.6	15	34.1	22	50.0	0	0.0	1	2.3	44	100.0
157	Pancreas	11	7.9	31	22.3	92	66.2	3	2.2	2	1.4	139	100.0
158	Retroperito.	12	12.5	39	40.6	43	44.8	0	0.0	2	2.1	96	100.0
159	Other Dig. Sys.	1	1.8	7	12.5	46	82.1	0	0.0	2	3.6	56	100.0
160	Nasal Cavity	33	17.2	144	75.0	13	6.8	1	0.5	1	0.5	192	100.0
161	Larynx	370	26.9	926	67.3	59	4.3	18	1.3	3	0.2	1376	100.0
162	Lung	333	14.8	872	38.7	1008	44.7	9	0.4	32	1.4	2254	100.0
163	Pleura	3	10.3	9	31.0	14	48.3	0	0.0	3	10.3	29	100.0
164	Thymus	12	38.7	8	25.8	10	32.3	0	0.0	1	3.2	31	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	180	34.2	262	49.8	67	12.7	5	1.0	12	2.3	526	100.0
171	Conn. Tiss.	61	27.7	114	51.8	39	17.7	0	0.0	6	2.7	220	100.0
172	Skin Melanoma	16	24.6	33	50.8	15	23.1	1	1.5	0	0.0	65	100.0
173	Skin Other	123	41.0	140	46.7	29	9.7	5	1.7	3	1.0	300	100.0
175	Breast Male	5	11.9	27	64.3	10	23.8	0	0.0	0	0.0	42	100.0
185	Prostate	38	20.0	38	20.0	104	54.7	7	3.7	3	1.6	190	100.0
186	Testis	23	22.5	31	30.4	47	46.1	1	1.0	0	0.0	102	100.0
187	Penis Etc.	140	35.1	225	56.4	28	7.0	2	0.5	4	1.0	399	100.0
188	Uri. Bladder	105	40.2	104	39.8	35	13.4	11	4.2	6	2.3	261	100.0
189	Kidney	36	29.0	26	21.0	56	45.2	3	2.4	3	2.4	124	100.0
190	Eye	24	42.9	20	35.7	9	16.1	0	0.0	3	5.4	56	100.0
191	Brain	62	40.8	63	41.4	14	9.2	6	3.9	7	4.6	152	100.0
192	Nervous Sy.	0	0.0	3	75.0	0	0.0	0	0.0	1	25.0	4	100.0
193	Thyroid Gland	40	18.4	132	60.8	44	20.3	1	0.5	0	0.0	217	100.0
194	Oth. Endo. Glands	3	27.3	2	18.2	6	54.5	0	0.0	0	0.0	11	100.0
195	Ill Def. Site	29	23.0	54	42.9	40	31.7	0	0.0	3	2.4	126	100.0
196	Sec. Lymph Node	0	0.0	124	16.0	378	48.7	1	0.1	273	35.2	776	100.0
197	Sec. Res. Etc.	1	0.2	2	0.3	348	59.5	1	0.2	233	39.8	585	100.0
198	Sec. Other	0	0.0	7	2.4	199	68.6	1	0.3	83	28.6	290	100.0
199	Prim. Unknown	0	0.0	1	4.2	16	66.7	1	4.2	6	25.0	24	100.0
200	Lymphosarcoma	0	0.0	0	0.0	1	0.3	347	99.1	2	0.6	350	100.0
201	Hodgkin's Disease	0	0.0	1	0.2	2	0.4	523	99.4	0	0.0	526	100.0
202	Oth. Lymphoma	0	0.0	3	0.4	1	0.1	668	99.0	3	0.4	675	100.0
203	Mult. Myeloma	1	0.6	4	2.5	2	1.3	150	94.3	2	1.3	159	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	511	100.0	0	0.0	511	100.0
205	Leuk. Myelocytic	1	0.1	0	0.0	0	0.0	863	99.9	0	0.0	864	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	12	100.0	0	0.0	12	100.0
207	Leuk. Oth. Sp.	0	0.0	0	0.0	0	0.0	45	100.0	0	0.0	45	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	144	100.0	0	0.0	144	100.0
	All Sites	4141	15.7	12952	49.0	4796	18.1	3689	14.0	850	3.2	26428	100.0

**Table: BLR - 5(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease (Excluding the Cancers Previously Treated)
1984 - 93 - Females
Bangalore**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	12	18.5	48	73.8	5	7.7	0	0.0	0	0.0	65	100.0
141	Tongue	47	13.9	267	79.2	23	6.8	0	0.0	0	0.0	337	100.0
142	Salivary Glands	27	36.0	37	49.3	11	14.7	0	0.0	0	0.0	75	100.0
143	Gum	54	5.3	885	87.4	74	7.3	0	0.0	0	0.0	1013	100.0
144	Floor of Mouth	6	14.3	30	71.4	6	14.3	0	0.0	0	0.0	42	100.0
145	Other Mouth	221	7.0	2670	84.3	268	8.5	2	0.1	6	0.2	3167	100.0
146	Oropharynx	17	11.7	118	81.4	8	5.5	0	0.0	2	1.4	145	100.0
147	Nasopharynx	5	5.7	68	77.3	13	14.8	2	2.3	0	0.0	88	100.0
148	Hypopharynx	56	11.6	383	79.1	39	8.1	6	1.2	0	0.0	484	100.0
149	Pharynx Etc.	20	23.8	57	67.9	6	7.1	0	0.0	1	1.2	84	100.0
150	Oesophagus	841	36.2	897	38.6	296	12.7	227	9.8	64	2.8	2325	100.0
151	Stomach	79	16.6	140	29.4	240	50.4	6	1.3	11	2.3	476	100.0
152	Small Intes.	0	0.0	2	50.0	2	50.0	0	0.0	0	0.0	4	100.0
153	Colon	17	23.3	15	20.5	38	52.1	1	1.4	2	2.7	73	100.0
154	Rectum	112	25.7	236	54.1	82	18.8	2	0.5	4	0.9	436	100.0
155	Liver	36	24.5	45	30.6	58	39.5	0	0.0	8	5.4	147	100.0
156	Gall Bladder	8	22.2	10	27.8	16	44.4	1	2.8	1	2.8	36	100.0
157	Pancreas	7	10.8	12	18.5	42	64.6	1	1.5	3	4.6	65	100.0
158	Retroperito.	13	21.7	18	30.0	24	40.0	0	0.0	5	8.3	60	100.0
159	Other Dig. Sys.	0	0.0	3	15.0	17	85.0	0	0.0	0	0.0	20	100.0
160	Nasal Cavity	17	15.2	84	75.0	8	7.1	1	0.9	2	1.8	112	100.0
161	Larynx	33	24.8	94	70.7	3	2.3	2	1.5	1	0.8	133	100.0
162	Lung	27	9.1	125	42.2	138	46.6	1	0.3	5	1.7	296	100.0
163	Pleura	1	6.7	6	40.0	6	40.0	0	0.0	2	13.3	15	100.0
164	Thymus	3	30.0	3	30.0	4	40.0	0	0.0	0	0.0	10	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	113	38.4	131	44.6	42	14.3	4	1.4	4	1.4	294	100.0
171	Conn. Tiss.	61	44.2	50	36.2	20	14.5	1	0.7	6	4.3	138	100.0
172	Skin Melanoma	14	35.0	17	42.5	8	20.0	0	0.0	1	2.5	40	100.0
173	Skin Other	117	57.6	72	35.5	12	5.9	1	0.5	1	0.5	203	100.0
174	Breast Female	316	16.0	1226	62.0	410	20.7	16	0.8	10	0.5	1978	100.0
179	Uterus Nos.	14	38.9	15	41.7	5	13.9	1	2.8	1	2.8	36	100.0
180	Cervix	508	3.7	12215	88.5	1052	7.6	14	0.1	12	0.1	13801	100.0
181	Placenta	20	44.4	6	13.3	17	37.8	0	0.0	2	4.4	45	100.0
182	Body Uterus	79	44.6	86	48.6	11	6.2	0	0.0	1	0.6	177	100.0
183	Ovary	55	9.9	228	40.9	262	47.0	4	0.7	8	1.4	557	100.0
184	Vagina	54	12.8	332	78.7	34	8.1	1	0.2	1	0.2	422	100.0
188	Uri. Bladder	17	30.4	21	37.5	16	28.6	1	1.8	1	1.8	56	100.0
189	Kidney	23	32.4	25	35.2	22	31.0	0	0.0	1	1.4	71	100.0
190	Eye	21	43.8	15	31.3	9	18.8	0	0.0	3	6.3	48	100.0
191	Brain	28	44.4	23	36.5	5	7.9	2	3.2	5	7.9	63	100.0
192	Nervous Sy.	0	0.0	1	33.3	1	33.3	0	0.0	1	33.3	3	100.0
193	Thyroid Gland	83	22.7	181	49.5	96	26.2	3	0.8	3	0.8	366	100.0
194	Oth. Endo. Glands	0	0.0	0	0.0	8	100.0	0	0.0	0	0.0	8	100.0
195	Ill Def. Site	22	30.1	23	31.5	25	34.2	0	0.0	3	4.1	73	100.0
196	Sec. Lymph Node	0	0.0	24	11.5	109	52.2	2	1.0	74	35.4	209	100.0
197	Sec. Res. Etc.	1	0.3	2	0.7	189	62.4	0	0.0	111	36.6	303	100.0
198	Sec. Other	0	0.0	4	2.3	113	64.6	2	1.1	56	32.0	175	100.0
199	Prim. Unknown	0	0.0	0	0.0	10	90.9	0	0.0	1	9.1	11	100.0
200	Lymphosarcoma	0	0.0	1	0.9	0	0.0	115	99.1	0	0.0	116	100.0
201	Hodgkin's Disease	0	0.0	0	0.0	0	0.0	179	100.0	0	0.0	179	100.0
202	Oth. Lymphoma	1	0.4	0	0.0	0	0.0	254	99.6	0	0.0	255	100.0
203	Mult. Myeloma	0	0.0	4	4.3	1	1.1	89	94.7	0	0.0	94	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	227	100.0	0	0.0	227	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	1	0.2	573	99.8	0	0.0	574	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	6	100.0	0	0.0	6	100.0
207	Leuk. Oth. Sp.	0	0.0	0	0.0	0	0.0	16	100.0	0	0.0	16	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	56	100.0	0	0.0	56	100.0
	All Sites	3206	10.6	20955	69.1	3905	12.9	1819	6.0	423	1.4	30308	100.0

**Table: BLR - 6(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Type of Treatment at Reporting Institution (Excluding the Cancers Previously Treated)
1984 - 93 - Males**

R-Therapy = Radiotherapy, C-Therapy = Chemotherapy

Bangalore

ICD-9 Site	Surgery (S)		R-Therapy		C-Therapy		S+R		S+C		R+C		S+R+C		Others		Unknown		Total	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	14	34.1	6	14.6	13	31.7	4	9.8	2	4.9	2	4.9	0	0.0	0	0.0	0	0.0	41	100.0
141	23	2.2	712	68.5	38	3.7	41	3.9	3	0.3	200	19.2	18	1.7	5	0.5	0	0.0	1040	100.0
142	6	10.3	15	25.9	6	10.3	28	48.3	0	0.0	1	1.7	1	1.7	1	1.7	0	0.0	58	100.0
143	14	5.3	52	19.7	99	37.5	30	11.4	9	3.4	45	17.0	15	5.7	0	0.0	0	0.0	264	100.0
144	1	0.7	67	45.0	26	17.4	6	4.0	0	0.0	48	32.2	0	0.0	1	0.7	0	0.0	149	100.0
145	17	2.1	404	50.1	170	21.1	37	4.6	2	0.2	158	19.6	16	2.0	2	0.2	0	0.0	806	100.0
146	3	0.4	538	77.5	18	2.6	19	2.7	1	0.1	109	15.7	5	0.7	1	0.1	0	0.0	694	100.0
147	0	0.0	86	54.8	3	1.9	3	1.9	0	0.0	63	40.1	0	0.0	2	1.3	0	0.0	157	100.0
148	21	1.2	1377	77.8	32	1.8	132	7.5	1	0.1	189	10.7	11	0.6	7	0.4	0	0.0	1770	100.0
149	1	0.5	184	86.8	4	1.9	5	2.4	0	0.0	17	8.0	0	0.0	1	0.5	0	0.0	212	100.0
150	184	11.3	1085	66.4	95	5.8	63	3.9	30	1.8	154	9.4	10	0.6	14	0.9	0	0.0	1635	100.0
151	96	27.0	4	1.1	181	51.0	2	0.6	55	15.5	0	0.0	0	0.0	17	4.8	0	0.0	355	100.0
152	1	100.0	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	100.0
153	25	31.6	1	1.3	18	22.8	4	5.1	17	21.5	3	3.8	10	12.7	1	1.3	0	0.0	79	100.0
154	55	21.1	46	17.6	22	8.4	60	23.0	15	5.7	29	11.1	31	11.9	3	1.1	0	0.0	261	100.0
155	3	1.5	2	1.0	182	92.9	0	0.0	0	0.0	2	1.0	0	0.0	7	3.6	0	0.0	196	100.0
156	5	33.3	0	0.0	5	33.3	0	0.0	4	26.7	1	6.7	0	0.0	0	0.0	0	0.0	15	100.0
157	8	18.6	1	2.3	26	60.5	0	0.0	2	4.7	2	4.7	0	0.0	4	9.3	0	0.0	43	100.0
158	9	23.7	1	2.6	16	42.1	1	2.6	4	10.5	3	7.9	2	5.3	2	5.3	0	0.0	38	100.0
159	0	0.0	0	0.0	15	93.8	0	0.0	0	0.0	0	0.0	0	0.0	1	6.3	0	0.0	16	100.0
160	1	1.1	40	44.9	7	7.9	30	33.7	1	1.1	10	11.2	0	0.0	0	0.0	0	0.0	89	100.0
161	25	3.6	528	75.8	6	0.9	100	14.3	0	0.0	35	5.0	2	0.3	1	0.1	0	0.0	697	100.0
162	10	0.8	268	21.0	684	53.5	7	0.5	4	0.3	275	21.5	0	0.0	31	2.4	0	0.0	1279	100.0
163	0	0.0	1	9.1	9	81.8	0	0.0	0	0.0	0	0.0	0	0.0	1	9.1	0	0.0	11	100.0
164	0	0.0	4	22.2	11	61.1	0	0.0	0	0.0	3	16.7	0	0.0	0	0.0	0	0.0	18	100.0
165	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	67	23.3	35	12.2	16	5.6	18	6.3	70	24.4	61	21.3	10	3.5	10	3.5	0	0.0	287	100.0
171	36	27.7	7	5.4	23	17.7	23	17.7	13	10.0	18	13.8	7	5.4	3	2.3	0	0.0	130	100.0
172	17	58.6	2	6.9	2	6.9	1	3.4	6	20.7	1	3.4	0	0.0	0	0.0	0	0.0	29	100.0
173	104	65.4	25	15.7	8	5.0	15	9.4	4	2.5	2	1.3	1	0.6	0	0.0	0	0.0	159	100.0
175	5	26.3	0	0.0	3	15.8	2	10.5	1	5.3	0	0.0	2	10.5	6	31.6	0	0.0	19	100.0
185	14	13.7	15	14.7	2	2.0	5	4.9	0	0.0	1	1.0	0	0.0	65	63.7	0	0.0	102	100.0
186	8	13.1	4	6.6	17	27.9	9	14.8	14	23.0	5	8.2	4	6.6	0	0.0	0	0.0	61	100.0
187	151	65.7	6	2.6	13	5.7	15	6.5	41	17.8	0	0.0	4	1.7	0	0.0	0	0.0	230	100.0
188	22	18.2	77	63.6	4	3.3	11	9.1	1	0.8	5	4.1	0	0.0	1	0.8	0	0.0	121	100.0
189	8	12.7	9	14.3	4	6.3	4	6.3	14	22.2	2	3.2	12	19.0	10	15.9	0	0.0	63	100.0
190	1	3.3	5	16.7	3	10.0	7	23.3	3	10.0	6	20.0	5	16.7	0	0.0	0	0.0	30	100.0
191	1	1.0	73	73.0	1	1.0	5	5.0	0	0.0	17	17.0	1	1.0	2	2.0	0	0.0	100	100.0
192	0	0.0	2	66.7	0	0.0	0	0.0	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	3	100.0
193	36	31.6	20	17.5	1	0.9	29	25.4	4	3.5	0	0.0	0	0.0	24	21.1	0	0.0	114	100.0
194	2	40.0	0	0.0	1	20.0	0	0.0	0	0.0	1	20.0	1	20.0	0	0.0	0	0.0	5	100.0
195	26	43.3	2	3.3	12	20.0	5	8.3	4	6.7	7	11.7	3	5.0	1	1.7	0	0.0	60	100.0
196	9	3.0	133	44.5	94	31.4	21	7.0	1	0.3	30	10.0	9	3.0	2	0.7	0	0.0	299	100.0
197	0	0.0	0	0.0	101	91.8	1	0.9	0	0.0	1	0.9	0	0.0	7	6.4	0	0.0	110	100.0
198	2	1.5	73	54.9	32	24.1	0	0.0	1	0.8	15	11.3	0	0.0	10	7.5	0	0.0	133	100.0
199	0	0.0	1	12.5	3	37.5	0	0.0	0	0.0	1	12.5	0	0.0	3	37.5	0	0.0	8	100.0
200	0	0.0	1	0.4	151	57.4	1	0.4	2	0.8	10	3.8	0	0.0	98	37.3	0	0.0	263	100.0
201	0	0.0	16	3.9	140	34.1	1	0.2	3	0.7	30	7.3	1	0.2	219	53.4	0	0.0	410	100.0
202	1	0.2	8	1.9	235	55.4	1	0.2	3	0.7	48	11.3	1	0.2	127	30.0	0	0.0	424	100.0
203	0	0.0	13	10.4	36	28.8	0	0.0	1	0.8	36	28.8	0	0.0	39	31.2	0	0.0	125	100.0
204	2	0.5	0	0.0	154	40.6	0	0.0	1	0.3	107	28.2	0	0.0	115	30.3	0	0.0	379	100.0
205	0	0.0	2	0.4	404	79.8	0	0.0	1	0.2	10	2.0	0	0.0	89	17.6	0	0.0	506	100.0
206	0	0.0	0	0.0	2	40.0	0	0.0	0	0.0	0	0.0	0	0.0	3	60.0	0	0.0	5	100.0
207	0	0.0	0	0.0	16	43.2	0	0.0	0	0.0	4	10.8	0	0.0	17	45.9	0	0.0	37	100.0
208	0	0.0	0	0.0	25	47.2	0	0.0	0	0.0	16	30.2	0	0.0	12	22.6	0	0.0	53	100.0
All	1034	7.3	5951	41.9	3189	22.5	746	5.3	338	2.4	1784	12.6	182	1.3	965	6.8	0	0.0	14189	100.0

Table: BLR - 6(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Type of Treatment at Reporting Institution (Excluding the Cancers Previously Treated) 1984 - 93 - Females

R-Therapy = Radiotherapy, C-Therapy = Chemotherapy

Bangalore

ICD-9 Site	Surgery (S)		R-Therapy		C-Therapy		S+R		S+C		R+C		S+R+C		Others		Unknown		Total	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	4	11.1	5	13.9	20	55.6	1	2.8	0	0.0	6	16.7	0	0.0	0	0.0	0	0.0	36	100.0
141	10	4.7	118	54.9	22	10.2	14	6.5	2	0.9	44	20.5	5	2.3	0	0.0	0	0.0	215	100.0
142	5	16.7	5	16.7	4	13.3	14	46.7	0	0.0	2	6.7	0	0.0	0	0.0	0	0.0	30	100.0
143	55	8.9	134	21.6	209	33.7	70	11.3	27	4.3	85	13.7	40	6.4	1	0.2	0	0.0	621	100.0
144	1	3.3	14	46.7	6	20.0	1	3.3	0	0.0	8	26.7	0	0.0	0	0.0	0	0.0	30	100.0
145	20	1.0	831	43.2	505	26.2	69	3.6	18	0.9	449	23.3	33	1.7	0	0.0	0	0.0	1925	100.0
146	2	2.0	69	70.4	5	5.1	10	10.2	0	0.0	10	10.2	1	1.0	1	1.0	0	0.0	98	100.0
147	0	0.0	39	60.9	3	4.7	2	3.1	0	0.0	19	29.7	1	1.6	0	0.0	0	0.0	64	100.0
148	7	2.6	207	75.8	7	2.6	18	6.6	0	0.0	31	11.4	3	1.1	0	0.0	0	0.0	273	100.0
149	3	5.9	40	78.4	2	3.9	3	5.9	0	0.0	2	3.9	0	0.0	1	2.0	0	0.0	51	100.0
150	116	9.1	883	69.4	53	4.2	74	5.8	23	1.8	99	7.8	10	0.8	15	1.2	0	0.0	1273	100.0
151	44	28.4	1	0.6	70	45.2	0	0.0	30	19.4	1	0.6	2	1.3	7	4.5	0	0.0	155	100.0
152	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0
153	9	26.5	0	0.0	13	38.2	4	11.8	6	17.6	0	0.0	2	5.9	0	0.0	0	0.0	34	100.0
154	46	24.9	30	16.2	15	8.1	39	21.1	12	6.5	17	9.2	22	11.9	4	2.2	0	0.0	185	100.0
155	1	1.6	1	1.6	57	93.4	0	0.0	0	0.0	0	0.0	0	0.0	2	3.3	0	0.0	61	100.0
156	8	57.1	0	0.0	4	28.6	0	0.0	2	14.3	0	0.0	0	0.0	0	0.0	0	0.0	14	100.0
157	7	31.8	0	0.0	13	59.1	0	0.0	0	0.0	0	0.0	0	0.0	2	9.1	0	0.0	22	100.0
158	2	10.0	3	15.0	10	50.0	2	10.0	2	10.0	1	5.0	0	0.0	0	0.0	0	0.0	20	100.0
159	0	0.0	1	10.0	6	60.0	0	0.0	1	10.0	1	10.0	0	0.0	1	10.0	0	0.0	10	100.0
160	5	7.7	28	43.1	9	13.8	10	15.4	0	0.0	10	15.4	3	4.6	0	0.0	0	0.0	65	100.0
161	1	1.2	61	75.3	2	2.5	13	16.0	0	0.0	4	4.9	0	0.0	0	0.0	0	0.0	81	100.0
162	2	1.3	21	13.3	113	71.5	0	0.0	1	0.6	14	8.9	0	0.0	7	4.4	0	0.0	158	100.0
163	0	0.0	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6	100.0
164	0	0.0	1	14.3	4	57.1	0	0.0	0	0.0	2	28.6	0	0.0	0	0.0	0	0.0	7	100.0
165	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	41	27.7	21	14.2	11	7.4	12	8.1	28	18.9	30	20.3	3	2.0	2	1.4	0	0.0	148	100.0
171	25	40.3	2	3.2	6	9.7	12	19.4	2	3.2	6	9.7	9	14.5	0	0.0	0	0.0	62	100.0
172	11	64.7	0	0.0	2	11.8	1	5.9	3	17.6	0	0.0	0	0.0	0	0.0	0	0.0	17	100.0
173	60	49.2	29	23.8	4	3.3	18	14.8	3	2.5	5	4.1	2	1.6	1	0.8	0	0.0	122	100.0
174	80	6.7	24	2.0	82	6.9	163	13.7	58	4.9	17	1.4	309	26.0	456	38.4	0	0.0	1189	100.0
179	0	0.0	5	20.8	4	16.7	3	12.5	7	29.2	3	12.5	1	4.2	1	4.2	0	0.0	24	100.0
180	59	0.8	7398	95.6	13	0.2	123	1.6	2	0.0	99	1.3	18	0.2	26	0.3	0	0.0	7738	100.0
181	0	0.0	0	0.0	32	88.9	0	0.0	1	2.8	1	2.8	2	5.6	0	0.0	0	0.0	36	100.0
182	24	17.5	26	19.0	5	3.6	67	48.9	1	0.7	0	0.0	3	2.2	11	8.0	0	0.0	137	100.0
183	37	11.0	2	0.6	156	46.6	8	2.4	110	32.8	1	0.3	11	3.3	10	3.0	0	0.0	335	100.0
184	23	9.3	148	59.9	33	13.4	3	1.2	25	10.1	6	2.4	6	2.4	3	1.2	0	0.0	247	100.0
188	3	20.0	9	60.0	1	6.7	1	6.7	0	0.0	1	6.7	0	0.0	0	0.0	0	0.0	15	100.0
189	7	18.4	4	10.5	6	15.8	4	10.5	3	7.9	2	5.3	9	23.7	3	7.9	0	0.0	38	100.0
190	1	3.6	7	25.0	3	10.7	3	10.7	2	7.1	7	25.0	5	17.9	0	0.0	0	0.0	28	100.0
191	0	0.0	33	82.5	1	2.5	3	7.5	0	0.0	3	7.5	0	0.0	0	0.0	0	0.0	40	100.0
192	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
193	48	27.1	33	18.6	3	1.7	29	16.4	3	1.7	0	0.0	2	1.1	59	33.3	0	0.0	177	100.0
194	0	0.0	0	0.0	2	28.6	0	0.0	0	0.0	3	42.9	0	0.0	2	28.6	0	0.0	7	100.0
195	4	12.1	5	15.2	10	30.3	5	15.2	2	6.1	6	18.2	0	0.0	1	3.0	0	0.0	33	100.0
196	4	5.7	20	28.6	25	35.7	3	4.3	0	0.0	11	15.7	2	2.9	5	7.1	0	0.0	70	100.0
197	0	0.0	1	1.7	53	88.3	0	0.0	1	1.7	0	0.0	0	0.0	5	8.3	0	0.0	60	100.0
198	4	4.4	40	44.0	22	24.2	3	3.3	1	1.1	14	15.4	0	0.0	7	7.7	0	0.0	91	100.0
199	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
200	0	0.0	2	2.4	47	56.0	0	0.0	1	1.2	6	7.1	0	0.0	28	33.3	0	0.0	84	100.0
201	0	0.0	10	7.6	41	31.1	1	0.8	2	1.5	6	4.5	0	0.0	72	54.5	0	0.0	132	100.0
202	1	0.6	4	2.3	100	58.1	0	0.0	2	1.2	18	10.5	1	0.6	46	26.7	0	0.0	172	100.0
203	0	0.0	1	1.4	26	37.1	1	1.4	0	0.0	21	30.0	0	0.0	21	30.0	0	0.0	70	100.0
204	0	0.0	2	1.3	66	44.0	0	0.0	0	0.0	32	21.3	0	0.0	50	33.3	0	0.0	150	100.0
205	0	0.0	3	0.9	271	84.4	0	0.0	1	0.3	4	1.2	0	0.0	42	13.1	0	0.0	321	100.0
206	0	0.0	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	100.0
207	0	0.0	0	0.0	4	36.4	0	0.0	0	0.0	4	36.4	0	0.0	3	27.3	0	0.0	11	100.0
208	0	0.0	1	12.5	1	12.5	0	0.0	0	0.0	1	12.5	0	0.0	5	62.5	0	0.0	8	100.0
All	780	4.6	10323	60.7	2193	12.9	807	4.7	382	2.2	1114	6.6	505	3.0	900	5.3	0	0.0	17004	100.0

Table: BLR - 7(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Any Specific Treatment at Reporting Institution (Excluding the Cancers Previously Treated) 1984 - 93 - Males

S = Surgery, R = Radiotherapy, C = Chemotherapy, H =Hormonotherapy

Bangalore

ICD-9	Site	Any S		Any R		Any C		Any H		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	20	40.8	12	24.5	17	34.7	0	0.0	0	0.0	0	0.0	49	100.0
141	Tongue	85	6.4	971	73.6	259	19.6	0	0.0	5	0.4	0	0.0	1320	100.0
142	Salivary Glands	36	40.0	45	50.0	8	8.9	1	1.1	0	0.0	0	0.0	90	100.0
143	Gum	68	18.0	142	37.6	168	44.4	0	0.0	0	0.0	0	0.0	378	100.0
144	Floor of Mouth	7	3.4	121	59.6	74	36.5	0	0.0	1	0.5	0	0.0	203	100.0
145	Other Mouth	72	6.9	616	59.4	347	33.5	1	0.1	1	0.1	0	0.0	1037	100.0
146	Oropharynx	28	3.4	672	80.5	134	16.0	1	0.1	0	0.0	0	0.0	835	100.0
147	Nasopharynx	3	1.3	153	68.0	67	29.8	1	0.4	1	0.4	0	0.0	225	100.0
148	Hypopharynx	166	7.8	1710	80.8	233	11.0	1	0.0	6	0.3	0	0.0	2116	100.0
149	Pharynx Etc.	6	2.6	206	88.0	21	9.0	0	0.0	1	0.4	0	0.0	234	100.0
150	Oesophagus	287	15.1	1312	69.0	289	15.2	0	0.0	14	0.7	0	0.0	1902	100.0
151	Stomach	153	37.1	6	1.5	236	57.3	1	0.2	16	3.9	0	0.0	412	100.0
152	Small Intes.	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
153	Colon	56	45.5	18	14.6	48	39.0	0	0.0	1	0.8	0	0.0	123	100.0
154	Rectum	161	37.7	166	38.9	97	22.7	0	0.0	3	0.7	0	0.0	427	100.0
155	Liver	3	1.5	4	2.0	185	93.0	1	0.5	6	3.0	0	0.0	199	100.0
156	Gall Bladder	9	45.0	1	5.0	10	50.0	0	0.0	0	0.0	0	0.0	20	100.0
157	Pancreas	10	21.3	3	6.4	30	63.8	0	0.0	4	8.5	0	0.0	47	100.0
158	Retroperito.	16	31.4	7	13.7	26	51.0	1	2.0	1	2.0	0	0.0	51	100.0
159	Other Dig. Sys.	0	0.0	0	0.0	16	94.1	1	5.9	0	0.0	0	0.0	17	100.0
160	Nasal Cavity	32	24.6	80	61.5	18	13.8	0	0.0	0	0.0	0	0.0	130	100.0
161	Larynx	127	15.2	665	79.5	43	5.1	0	0.0	1	0.1	0	0.0	836	100.0
162	Lung	21	1.3	558	35.2	976	61.5	14	0.9	17	1.1	0	0.0	1586	100.0
163	Pleura	0	0.0	2	15.4	10	76.9	1	7.7	0	0.0	0	0.0	13	100.0
164	Thymus	0	0.0	7	33.3	14	66.7	0	0.0	0	0.0	0	0.0	21	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	168	36.1	126	27.0	162	34.8	5	1.1	5	1.1	0	0.0	466	100.0
171	Conn. Tiss.	79	39.3	56	27.9	63	31.3	2	1.0	1	0.5	0	0.0	201	100.0
172	Skin Melanoma	24	64.9	4	10.8	9	24.3	0	0.0	0	0.0	0	0.0	37	100.0
173	Skin Other	124	68.1	43	23.6	15	8.2	0	0.0	0	0.0	0	0.0	182	100.0
175	Breast Male	16	45.7	6	17.1	7	20.0	6	17.1	0	0.0	0	0.0	35	100.0
185	Prostate	35	25.7	33	24.3	3	2.2	63	46.3	2	1.5	0	0.0	136	100.0
186	Testis	35	36.1	22	22.7	40	41.2	0	0.0	0	0.0	0	0.0	97	100.0
187	Penis Etc.	211	71.8	25	8.5	58	19.7	0	0.0	0	0.0	0	0.0	294	100.0
188	Uri. Bladder	34	24.6	93	67.4	10	7.2	0	0.0	1	0.7	0	0.0	138	100.0
189	Kidney	41	35.3	29	25.0	36	31.0	10	8.6	0	0.0	0	0.0	116	100.0
190	Eye	16	28.6	23	41.1	17	30.4	0	0.0	0	0.0	0	0.0	56	100.0
191	Brain	7	5.6	98	77.8	19	15.1	2	1.6	0	0.0	0	0.0	126	100.0
192	Nervous Sy.	0	0.0	3	75.0	1	25.0	0	0.0	0	0.0	0	0.0	4	100.0
193	Thyroid Gland	88	49.4	60	33.7	6	3.4	22	12.4	2	1.1	0	0.0	178	100.0
194	Oth. Endo. Glands	3	37.5	2	25.0	3	37.5	0	0.0	0	0.0	0	0.0	8	100.0
195	Ill Def. Site	38	45.8	17	20.5	27	32.5	1	1.2	0	0.0	0	0.0	83	100.0
196	Sec. Lymph Node	40	10.8	193	52.3	134	36.3	1	0.3	1	0.3	0	0.0	369	100.0
197	Sec. Res. Etc.	1	0.9	2	1.8	102	91.1	0	0.0	7	6.3	0	0.0	112	100.0
198	Sec. Other	3	2.0	89	58.2	51	33.3	8	5.2	2	1.3	0	0.0	153	100.0
199	Prim. Unknown	0	0.0	2	20.0	5	50.0	2	20.0	1	10.0	0	0.0	10	100.0
200	Lymphosarcoma	4	1.0	28	7.2	259	66.6	96	24.7	2	0.5	0	0.0	389	100.0
201	Hodgkin's Disease	7	1.0	82	11.7	392	56.0	218	31.1	1	0.1	0	0.0	700	100.0
202	Oth. Lymphoma	9	1.5	76	12.3	407	65.8	122	19.7	5	0.8	0	0.0	619	100.0
203	Mult. Myeloma	2	0.9	65	29.8	112	51.4	39	17.9	0	0.0	0	0.0	218	100.0
204	Leuk. Lymphatic	3	0.5	144	22.7	372	58.7	112	17.7	3	0.5	0	0.0	634	100.0
205	Leuk. Myelocytic	1	0.2	14	2.3	498	82.7	87	14.5	2	0.3	0	0.0	602	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	4	57.1	3	42.9	0	0.0	0	0.0	7	100.0
207	Leuk. Oth. Sp.	0	0.0	10	16.4	34	55.7	14	23.0	3	4.9	0	0.0	61	100.0
208	Leuk. Unspecified	0	0.0	19	22.9	52	62.7	11	13.3	1	1.2	0	0.0	83	100.0
	All Sites	2356	12.8	8841	48.1	6224	33.9	848	4.6	117	0.6	0	0.0	18386	100.0

Table: BLR - 7(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Any Specific Treatment at Reporting Institution (Excluding the Cancers Previously Treated) 1984 - 93 - Females

S = Surgery, R = Radiotherapy, C = Chemotherapy, H =Hormonotherapy

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ICD-9	Site	Any S		Any R		Any C		Any H		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	5	11.6	12	27.9	26	60.5	0	0.0	0	0.0	0	0.0	43	100.0
141	Tongue	31	10.9	181	63.5	73	25.6	0	0.0	0	0.0	0	0.0	285	100.0
142	Salivary Glands	19	41.3	21	45.7	6	13.0	0	0.0	0	0.0	0	0.0	46	100.0
143	Gum	192	21.7	329	37.3	361	40.9	0	0.0	1	0.1	0	0.0	883	100.0
144	Floor of Mouth	2	5.1	23	59.0	14	35.9	0	0.0	0	0.0	0	0.0	39	100.0
145	Other Mouth	140	5.5	1382	54.7	1005	39.8	0	0.0	0	0.0	0	0.0	2527	100.0
146	Oropharynx	13	10.8	90	75.0	16	13.3	0	0.0	1	0.8	0	0.0	120	100.0
147	Nasopharynx	3	3.4	61	70.1	23	26.4	0	0.0	0	0.0	0	0.0	87	100.0
148	Hypopharynx	28	8.5	259	79.0	41	12.5	0	0.0	0	0.0	0	0.0	328	100.0
149	Pharynx Etc.	6	10.5	46	80.7	4	7.0	1	1.8	0	0.0	0	0.0	57	100.0
150	Oesophagus	223	15.0	1067	71.6	186	12.5	1	0.1	14	0.9	0	0.0	1491	100.0
151	Stomach	76	40.0	4	2.1	103	54.2	0	0.0	7	3.7	0	0.0	190	100.0
152	Small Intes.	0	0.0	1	33.3	2	66.7	0	0.0	0	0.0	0	0.0	3	100.0
153	Colon	21	43.8	6	12.5	21	43.8	0	0.0	0	0.0	0	0.0	48	100.0
154	Rectum	119	40.1	108	36.4	66	22.2	0	0.0	4	1.3	0	0.0	297	100.0
155	Liver	1	1.6	1	1.6	58	93.5	1	1.6	1	1.6	0	0.0	62	100.0
156	Gall Bladder	10	62.5	0	0.0	6	37.5	0	0.0	0	0.0	0	0.0	16	100.0
157	Pancreas	7	31.8	0	0.0	13	59.1	0	0.0	2	9.1	0	0.0	22	100.0
158	Retroperito.	6	24.0	6	24.0	13	52.0	0	0.0	0	0.0	0	0.0	25	100.0
159	Other Dig. Sys.	1	8.3	2	16.7	8	66.7	0	0.0	1	8.3	0	0.0	12	100.0
160	Nasal Cavity	18	19.8	51	56.0	22	24.2	0	0.0	0	0.0	0	0.0	91	100.0
161	Larynx	14	14.3	78	79.6	6	6.1	0	0.0	0	0.0	0	0.0	98	100.0
162	Lung	3	1.7	38	21.1	132	73.3	5	2.8	2	1.1	0	0.0	180	100.0
163	Pleura	0	0.0	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0	6	100.0
164	Thymus	0	0.0	3	33.3	6	66.7	0	0.0	0	0.0	0	0.0	9	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	84	37.2	67	29.6	73	32.3	1	0.4	1	0.4	0	0.0	226	100.0
171	Conn. Tiss.	48	48.0	29	29.0	23	23.0	0	0.0	0	0.0	0	0.0	100	100.0
172	Skin Melanoma	15	71.4	1	4.8	5	23.8	0	0.0	0	0.0	0	0.0	21	100.0
173	Skin Other	83	54.6	54	35.5	14	9.2	0	0.0	1	0.7	0	0.0	152	100.0
174	Breast Female	943	33.2	796	28.0	644	22.7	453	16.0	3	0.1	0	0.0	2839	100.0
179	Uterus Nos.	12	29.3	12	29.3	16	39.0	1	2.4	0	0.0	0	0.0	41	100.0
180	Cervix	202	2.5	7639	95.5	133	1.7	2	0.0	24	0.3	0	0.0	8000	100.0
181	Placenta	3	7.1	3	7.1	36	85.7	0	0.0	0	0.0	0	0.0	42	100.0
182	Body Uterus	96	43.8	102	46.6	10	4.6	11	5.0	0	0.0	0	0.0	219	100.0
183	Ovary	171	35.0	24	4.9	284	58.1	7	1.4	3	0.6	0	0.0	489	100.0
184	Vagina	57	19.3	165	55.7	71	24.0	2	0.7	1	0.3	0	0.0	296	100.0
188	Uri. Bladder	4	23.5	11	64.7	2	11.8	0	0.0	0	0.0	0	0.0	17	100.0
189	Kidney	24	35.8	20	29.9	20	29.9	3	4.5	0	0.0	0	0.0	67	100.0
190	Eye	11	22.0	22	44.0	17	34.0	0	0.0	0	0.0	0	0.0	50	100.0
191	Brain	3	6.5	39	84.8	4	8.7	0	0.0	0	0.0	0	0.0	46	100.0
192	Nervous Sy.	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
193	Thyroid Gland	120	43.5	86	31.2	11	4.0	54	19.6	5	1.8	0	0.0	276	100.0
194	Oth. Endo. Glands	0	0.0	3	27.3	6	54.5	1	9.1	1	9.1	0	0.0	11	100.0
195	Ill Def. Site	11	22.9	17	35.4	19	39.6	1	2.1	0	0.0	0	0.0	48	100.0
196	Sec. Lymph Node	9	10.1	36	40.4	39	43.8	2	2.2	3	3.4	0	0.0	89	100.0
197	Sec. Res. Etc.	1	1.6	1	1.6	54	88.5	0	0.0	5	8.2	0	0.0	61	100.0
198	Sec. Other	8	7.0	58	50.4	42	36.5	5	4.3	2	1.7	0	0.0	115	100.0
199	Prim. Unknown	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0
200	Lymphosarcoma	1	0.8	14	11.2	82	65.6	28	22.4	0	0.0	0	0.0	125	100.0
201	Hodgkin's Disease	4	1.8	28	12.4	121	53.8	72	32.0	0	0.0	0	0.0	225	100.0
202	Oth. Lymphoma	6	2.4	32	12.7	167	66.5	46	18.3	0	0.0	0	0.0	251	100.0
203	Mult. Myeloma	1	0.8	30	25.2	67	56.3	21	17.6	0	0.0	0	0.0	119	100.0
204	Leuk. Lymphatic	0	0.0	43	17.8	148	61.4	50	20.7	0	0.0	0	0.0	241	100.0
205	Leuk. Myelocytic	1	0.3	9	2.5	314	85.8	38	10.4	4	1.1	0	0.0	366	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0	4	100.0
207	Leuk. Oth. Sp.	0	0.0	5	26.3	11	57.9	3	15.8	0	0.0	0	0.0	19	100.0
208	Leuk. Unspecified	0	0.0	3	21.4	6	42.9	4	28.6	1	7.1	0	0.0	14	100.0
	All Sites	2856	13.3	13120	60.9	4661	21.6	813	3.8	87	0.4	0	0.0	21537	100.0

**Table: BLR - 8(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Treatment Status at Reporting Institution (Excluding the Cancers Previously Treated)
1984 - 93 - Males
Bangalore**

ICD-9	Site	Received		Not Received		Not Accepted		Incomplete		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	41	58.6	12	17.1	3	4.3	14	20.0	0	0.0	70	100.0
141	Tongue	1040	60.5	333	19.4	148	8.6	197	11.5	1	0.1	1719	100.0
142	Salivary Glands	58	51.8	37	33.0	13	11.6	4	3.6	0	0.0	112	100.0
143	Gum	264	58.5	75	16.6	48	10.6	64	14.2	0	0.0	451	100.0
144	Floor of Mouth	149	68.0	23	10.5	18	8.2	29	13.2	0	0.0	219	100.0
145	Other Mouth	806	61.6	227	17.4	108	8.3	165	12.6	2	0.2	1308	100.0
146	Oropharynx	694	62.2	200	17.9	107	9.6	114	10.2	0	0.0	1115	100.0
147	Nasopharynx	157	68.0	33	14.3	15	6.5	26	11.3	0	0.0	231	100.0
148	Hypopharynx	1770	54.4	791	24.3	390	12.0	293	9.0	7	0.2	3251	100.0
149	Pharynx Etc.	212	60.2	77	21.9	33	9.4	29	8.2	1	0.3	352	100.0
150	Oesophagus	1635	51.6	1039	32.8	278	8.8	214	6.8	3	0.1	3169	100.0
151	Stomach	355	29.7	680	56.9	109	9.1	50	4.2	2	0.2	1196	100.0
152	Small Intes.	1	20.0	2	40.0	1	20.0	1	20.0	0	0.0	5	100.0
153	Colon	79	52.0	49	32.2	15	9.9	9	5.9	0	0.0	152	100.0
154	Rectum	261	46.8	161	28.9	89	15.9	47	8.4	0	0.0	558	100.0
155	Liver	196	35.8	305	55.8	26	4.8	20	3.7	0	0.0	547	100.0
156	Gall Bladder	15	34.1	27	61.4	1	2.3	1	2.3	0	0.0	44	100.0
157	Pancreas	43	30.9	80	57.6	11	7.9	5	3.6	0	0.0	139	100.0
158	Retroperito.	38	39.6	52	54.2	4	4.2	2	2.1	0	0.0	96	100.0
159	Other Dig. Sys.	16	28.6	34	60.7	3	5.4	3	5.4	0	0.0	56	100.0
160	Nasal Cavity	89	46.4	59	30.7	20	10.4	24	12.5	0	0.0	192	100.0
161	Larynx	697	50.7	356	25.9	223	16.2	100	7.3	0	0.0	1376	100.0
162	Lung	1279	56.7	678	30.1	126	5.6	171	7.6	0	0.0	2254	100.0
163	Pleura	11	37.9	15	51.7	1	3.4	2	6.9	0	0.0	29	100.0
164	Thymus	18	58.1	10	32.3	1	3.2	2	6.5	0	0.0	31	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	287	54.6	131	24.9	64	12.2	43	8.2	1	0.2	526	100.0
171	Conn. Tiss.	130	59.1	46	20.9	22	10.0	22	10.0	0	0.0	220	100.0
172	Skin Melanoma	29	44.6	25	38.5	10	15.4	1	1.5	0	0.0	65	100.0
173	Skin Other	159	53.0	89	29.7	37	12.3	15	5.0	0	0.0	300	100.0
175	Breast Male	19	45.2	5	11.9	5	11.9	13	31.0	0	0.0	42	100.0
185	Prostate	102	53.7	54	28.4	22	11.6	12	6.3	0	0.0	190	100.0
186	Testis	61	59.8	17	16.7	12	11.8	12	11.8	0	0.0	102	100.0
187	Penis Etc.	230	57.6	97	24.3	51	12.8	21	5.3	0	0.0	399	100.0
188	Uri. Bladder	121	46.4	88	33.7	32	12.3	19	7.3	1	0.4	261	100.0
189	Kidney	63	50.8	49	39.5	9	7.3	3	2.4	0	0.0	124	100.0
190	Eye	30	53.6	17	30.4	6	10.7	3	5.4	0	0.0	56	100.0
191	Brain	100	65.8	32	21.1	6	3.9	14	9.2	0	0.0	152	100.0
192	Nervous Sy.	3	75.0	0	0.0	1	25.0	0	0.0	0	0.0	4	100.0
193	Thyroid Gland	114	52.5	63	29.0	31	14.3	9	4.1	0	0.0	217	100.0
194	Oth. Endo. Glands	5	45.5	5	45.5	0	0.0	1	9.1	0	0.0	11	100.0
195	Ill Def. Site	60	47.6	43	34.1	12	9.5	11	8.7	0	0.0	126	100.0
196	Sec. Lymph Node	299	38.5	383	49.4	45	5.8	49	6.3	0	0.0	776	100.0
197	Sec. Res. Etc.	110	18.8	431	73.7	33	5.6	11	1.9	0	0.0	585	100.0
198	Sec. Other	133	45.9	134	46.2	17	5.9	6	2.1	0	0.0	290	100.0
199	Prim. Unknown	8	33.3	15	62.5	1	4.2	0	0.0	0	0.0	24	100.0
200	Lymphosarcoma	263	75.1	49	14.0	9	2.6	29	8.3	0	0.0	350	100.0
201	Hodgkin's Disease	410	77.9	44	8.4	7	1.3	65	12.4	0	0.0	526	100.0
202	Oth. Lymphoma	424	62.8	166	24.6	33	4.9	51	7.6	1	0.1	675	100.0
203	Mult. Myeloma	125	78.6	21	13.2	7	4.4	6	3.8	0	0.0	159	100.0
204	Leuk. Lymphatic	379	74.2	81	15.9	26	5.1	25	4.9	0	0.0	511	100.0
205	Leuk. Myelocytic	506	58.6	280	32.4	47	5.4	31	3.6	0	0.0	864	100.0
206	Leuk. Monocytic	5	41.7	6	50.0	0	0.0	1	8.3	0	0.0	12	100.0
207	Leuk. Oth. Sp.	37	82.2	7	15.6	0	0.0	1	2.2	0	0.0	45	100.0
208	Leuk. Unspecified	53	36.8	76	52.8	11	7.6	4	2.8	0	0.0	144	100.0
	All Sites	14189	53.7	7809	29.5	2347	8.9	2064	7.8	19	0.1	26428	100.0

**Table: BLR - 8(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Treatment Status at Reporting Institution (Excluding the Cancers Previously Treated)
1984 - 93 - Females
Bangalore**

ICD-9	Site	Received		Not Received		Not Accepted		Incomplete		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	36	55.4	18	27.7	7	10.8	4	6.2	0	0.0	65	100.0
141	Tongue	215	63.8	59	17.5	31	9.2	32	9.5	0	0.0	337	100.0
142	Salivary Glands	30	40.0	26	34.7	12	16.0	7	9.3	0	0.0	75	100.0
143	Gum	621	61.3	138	13.6	111	11.0	143	14.1	0	0.0	1013	100.0
144	Floor of Mouth	30	71.4	7	16.7	1	2.4	4	9.5	0	0.0	42	100.0
145	Other Mouth	1925	60.8	589	18.6	275	8.7	376	11.9	2	0.1	3167	100.0
146	Oropharynx	98	67.6	30	20.7	8	5.5	9	6.2	0	0.0	145	100.0
147	Nasopharynx	64	72.7	13	14.8	7	8.0	4	4.5	0	0.0	88	100.0
148	Hypopharynx	273	56.4	143	29.5	44	9.1	24	5.0	0	0.0	484	100.0
149	Pharynx Etc.	51	60.7	22	26.2	5	6.0	6	7.1	0	0.0	84	100.0
150	Oesophagus	1273	54.8	718	30.9	191	8.2	142	6.1	1	0.0	2325	100.0
151	Stomach	155	32.6	262	55.0	38	8.0	21	4.4	0	0.0	476	100.0
152	Small Intes.	2	50.0	2	50.0	0	0.0	0	0.0	0	0.0	4	100.0
153	Colon	34	46.6	29	39.7	6	8.2	4	5.5	0	0.0	73	100.0
154	Rectum	185	42.4	155	35.6	70	16.1	26	6.0	0	0.0	436	100.0
155	Liver	61	41.5	66	44.9	8	5.4	12	8.2	0	0.0	147	100.0
156	Gall Bladder	14	38.9	21	58.3	0	0.0	1	2.8	0	0.0	36	100.0
157	Pancreas	22	33.8	36	55.4	5	7.7	1	1.5	1	1.5	65	100.0
158	Retropérito.	20	33.3	35	58.3	2	3.3	3	5.0	0	0.0	60	100.0
159	Other Dig. Sys.	10	50.0	7	35.0	1	5.0	2	10.0	0	0.0	20	100.0
160	Nasal Cavity	65	58.0	26	23.2	9	8.0	12	10.7	0	0.0	112	100.0
161	Larynx	81	60.9	25	18.8	22	16.5	5	3.8	0	0.0	133	100.0
162	Lung	158	53.4	97	32.8	22	7.4	19	6.4	0	0.0	296	100.0
163	Pleura	6	40.0	7	46.7	2	13.3	0	0.0	0	0.0	15	100.0
164	Thymus	7	70.0	3	30.0	0	0.0	0	0.0	0	0.0	10	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	148	50.3	77	26.2	43	14.6	26	8.8	0	0.0	294	100.0
171	Conn. Tiss.	62	44.9	51	37.0	17	12.3	8	5.8	0	0.0	138	100.0
172	Skin Melanoma	17	42.5	12	30.0	9	22.5	2	5.0	0	0.0	40	100.0
173	Skin Other	122	60.1	58	28.6	21	10.3	2	1.0	0	0.0	203	100.0
174	Breast Female	1189	60.1	329	16.6	178	9.0	280	14.2	2	0.1	1978	100.0
179	Uterus Nos.	24	66.7	5	13.9	5	13.9	2	5.6	0	0.0	36	100.0
180	Cervix	7738	56.1	3318	24.0	852	6.2	1884	13.7	9	0.1	13801	100.0
181	Placenta	36	80.0	7	15.6	1	2.2	1	2.2	0	0.0	45	100.0
182	Body Uterus	137	77.4	24	13.6	7	4.0	9	5.1	0	0.0	177	100.0
183	Ovary	335	60.1	130	23.3	33	5.9	59	10.6	0	0.0	557	100.0
184	Vagina	247	58.5	96	22.7	26	6.2	53	12.6	0	0.0	422	100.0
188	Uri. Bladder	15	26.8	28	50.0	8	14.3	5	8.9	0	0.0	56	100.0
189	Kidney	38	53.5	29	40.8	1	1.4	3	4.2	0	0.0	71	100.0
190	Eye	28	58.3	16	33.3	2	4.2	2	4.2	0	0.0	48	100.0
191	Brain	40	63.5	10	15.9	4	6.3	9	14.3	0	0.0	63	100.0
192	Nervous Sy.	1	33.3	1	33.3	1	33.3	0	0.0	0	0.0	3	100.0
193	Thyroid Gland	177	48.4	117	32.0	55	15.0	17	4.6	0	0.0	366	100.0
194	Oth. Endo. Glands	7	87.5	1	12.5	0	0.0	0	0.0	0	0.0	8	100.0
195	Ill Def. Site	33	45.2	27	37.0	10	13.7	3	4.1	0	0.0	73	100.0
196	Sec. Lymph Node	70	33.5	111	53.1	22	10.5	6	2.9	0	0.0	209	100.0
197	Sec. Res. Etc.	60	19.8	220	72.6	15	5.0	8	2.6	0	0.0	303	100.0
198	Sec. Other	91	52.0	74	42.3	7	4.0	3	1.7	0	0.0	175	100.0
199	Prim. Unknown	1	9.1	9	81.8	0	0.0	1	9.1	0	0.0	11	100.0
200	Lymphosarcoma	84	72.4	19	16.4	2	1.7	11	9.5	0	0.0	116	100.0
201	Hodgkin's Disease	132	73.7	22	12.3	7	3.9	18	10.1	0	0.0	179	100.0
202	Oth. Lymphoma	172	67.5	49	19.2	15	5.9	19	7.5	0	0.0	255	100.0
203	Mult. Myeloma	70	74.5	9	9.6	3	3.2	12	12.8	0	0.0	94	100.0
204	Leuk. Lymphatic	150	66.1	54	23.8	10	4.4	13	5.7	0	0.0	227	100.0
205	Leuk. Myelocytic	321	55.9	212	36.9	18	3.1	23	4.0	0	0.0	574	100.0
206	Leuk. Monocytic	4	66.7	2	33.3	0	0.0	0	0.0	0	0.0	6	100.0
207	Leuk. Oth. Sp.	11	68.8	2	12.5	1	6.3	2	12.5	0	0.0	16	100.0
208	Leuk. Unspecified	8	14.3	42	75.0	5	8.9	1	1.8	0	0.0	56	100.0
	All Sites	17004	56.1	7695	25.4	2255	7.4	3339	11.0	15	0.0	30308	100.0

**Table: BLR - 9(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease in the No Cancer Directed Treatment Group
1984 - 93 - Males
Bangalore**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	6	20.7	20	69.0	3	10.3	0	0.0	0	0.0	29	100.0
141	Tongue	51	7.5	571	84.1	55	8.1	1	0.1	1	0.1	679	100.0
142	Salivary Glands	15	27.8	21	38.9	17	31.5	1	1.9	0	0.0	54	100.0
143	Gum	8	4.3	164	87.7	15	8.0	0	0.0	0	0.0	187	100.0
144	Floor of Mouth	6	8.6	56	80.0	7	10.0	1	1.4	0	0.0	70	100.0
145	Other Mouth	65	12.9	387	77.1	48	9.6	1	0.2	1	0.2	502	100.0
146	Oropharynx	37	8.8	351	83.4	28	6.7	2	0.5	3	0.7	421	100.0
147	Nasopharynx	2	2.7	57	77.0	15	20.3	0	0.0	0	0.0	74	100.0
148	Hypopharynx	110	7.4	1245	84.1	117	7.9	7	0.5	2	0.1	1481	100.0
149	Pharynx Etc.	14	10.0	112	80.0	11	7.9	1	0.7	2	1.4	140	100.0
150	Oesophagus	557	36.3	531	34.6	264	17.2	124	8.1	58	3.8	1534	100.0
151	Stomach	115	13.7	215	25.6	475	56.5	18	2.1	18	2.1	841	100.0
152	Small Intes.	0	0.0	1	25.0	3	75.0	0	0.0	0	0.0	4	100.0
153	Colon	17	23.3	19	26.0	36	49.3	1	1.4	0	0.0	73	100.0
154	Rectum	80	26.9	147	49.5	66	22.2	3	1.0	1	0.3	297	100.0
155	Liver	111	31.6	75	21.4	150	42.7	2	0.6	13	3.7	351	100.0
156	Gall Bladder	5	17.2	8	27.6	15	51.7	0	0.0	1	3.4	29	100.0
157	Pancreas	8	8.3	17	17.7	66	68.8	3	3.1	2	2.1	96	100.0
158	Retroperito.	7	12.1	18	31.0	33	56.9	0	0.0	0	0.0	58	100.0
159	Other Dig. Sys.	0	0.0	5	12.5	33	82.5	0	0.0	2	5.0	40	100.0
160	Nasal Cavity	14	13.6	79	76.7	9	8.7	0	0.0	1	1.0	103	100.0
161	Larynx	140	20.6	486	71.6	41	6.0	9	1.3	3	0.4	679	100.0
162	Lung	184	18.9	352	36.1	418	42.9	5	0.5	16	1.6	975	100.0
163	Pleura	1	5.6	4	22.2	11	61.1	0	0.0	2	11.1	18	100.0
164	Thymus	4	30.8	3	23.1	6	46.2	0	0.0	0	0.0	13	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	74	31.0	122	51.0	33	13.8	2	0.8	8	3.3	239	100.0
171	Conn. Tiss.	26	28.9	44	48.9	17	18.9	0	0.0	3	3.3	90	100.0
172	Skin Melanoma	9	25.0	16	44.4	11	30.6	0	0.0	0	0.0	36	100.0
173	Skin Other	49	34.8	66	46.8	20	14.2	4	2.8	2	1.4	141	100.0
175	Breast Male	2	8.7	14	60.9	7	30.4	0	0.0	0	0.0	23	100.0
185	Prostate	20	22.7	16	18.2	45	51.1	5	5.7	2	2.3	88	100.0
186	Testis	11	26.8	9	22.0	20	48.8	1	2.4	0	0.0	41	100.0
187	Penis Etc.	46	27.2	100	59.2	19	11.2	2	1.2	2	1.2	169	100.0
188	Uri. Bladder	54	38.6	50	35.7	26	18.6	5	3.6	5	3.6	140	100.0
189	Kidney	13	21.3	12	19.7	31	50.8	3	4.9	2	3.3	61	100.0
190	Eye	9	34.6	12	46.2	3	11.5	0	0.0	2	7.7	26	100.0
191	Brain	20	38.5	16	30.8	10	19.2	2	3.8	4	7.7	52	100.0
192	Nervous Sy.	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
193	Thyroid Gland	11	10.7	67	65.0	24	23.3	1	1.0	0	0.0	103	100.0
194	Oth. Endo. Glands	1	16.7	2	33.3	3	50.0	0	0.0	0	0.0	6	100.0
195	Ill Def. Site	14	21.2	28	42.4	23	34.8	0	0.0	1	1.5	66	100.0
196	Sec. Lymph Node	0	0.0	66	13.8	221	46.3	1	0.2	189	39.6	477	100.0
197	Sec. Res. Etc.	1	0.2	1	0.2	272	57.3	1	0.2	200	42.1	475	100.0
198	Sec. Other	0	0.0	2	1.3	99	63.1	0	0.0	56	35.7	157	100.0
199	Prim. Unknown	0	0.0	1	6.3	10	62.5	0	0.0	5	31.3	16	100.0
200	Lymphosarcoma	0	0.0	0	0.0	0	0.0	87	100.0	0	0.0	87	100.0
201	Hodgkin's Disease	0	0.0	0	0.0	2	1.7	114	98.3	0	0.0	116	100.0
202	Oth. Lymphoma	0	0.0	2	0.8	0	0.0	249	99.2	0	0.0	251	100.0
203	Mult. Myeloma	0	0.0	3	8.8	0	0.0	31	91.2	0	0.0	34	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	132	100.0	0	0.0	132	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	358	100.0	0	0.0	358	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	7	100.0	0	0.0	7	100.0
207	Leuk. Oth. Sp.	0	0.0	0	0.0	0	0.0	8	100.0	0	0.0	8	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	91	100.0	0	0.0	91	100.0
	All Sites	1917	15.7	5594	45.7	2838	23.2	1283	10.5	607	5.0	12239	100.0

**Table: BLR - 9(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease in the No Cancer Directed Treatment Group
1984 - 93 - Females
Bangalore**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	5	17.2	22	75.9	2	6.9	0	0.0	0	0.0	29	100.0
141	Tongue	13	10.7	97	79.5	12	9.8	0	0.0	0	0.0	122	100.0
142	Salivary Glands	11	24.4	26	57.8	8	17.8	0	0.0	0	0.0	45	100.0
143	Gum	21	5.4	344	87.8	27	6.9	0	0.0	0	0.0	392	100.0
144	Floor of Mouth	1	8.3	9	75.0	2	16.7	0	0.0	0	0.0	12	100.0
145	Other Mouth	94	7.6	995	80.1	150	12.1	0	0.0	3	0.2	1242	100.0
146	Oropharynx	7	14.9	35	74.5	3	6.4	0	0.0	2	4.3	47	100.0
147	Nasopharynx	1	4.2	17	70.8	5	20.8	1	4.2	0	0.0	24	100.0
148	Hypopharynx	18	8.5	170	80.6	21	10.0	2	0.9	0	0.0	211	100.0
149	Pharynx Etc.	2	6.1	27	81.8	3	9.1	0	0.0	1	3.0	33	100.0
150	Oesophagus	381	36.2	367	34.9	191	18.2	79	7.5	34	3.2	1052	100.0
151	Stomach	54	16.8	80	24.9	173	53.9	5	1.6	9	2.8	321	100.0
152	Small Intes.	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0
153	Colon	10	25.6	2	5.1	25	64.1	1	2.6	1	2.6	39	100.0
154	Rectum	59	23.5	130	51.8	56	22.3	2	0.8	4	1.6	251	100.0
155	Liver	26	30.2	18	20.9	38	44.2	0	0.0	4	4.7	86	100.0
156	Gall Bladder	2	9.1	5	22.7	13	59.1	1	4.5	1	4.5	22	100.0
157	Pancreas	6	14.0	6	14.0	27	62.8	1	2.3	3	7.0	43	100.0
158	Retroperito.	6	15.0	13	32.5	17	42.5	0	0.0	4	10.0	40	100.0
159	Other Dig. Sys.	0	0.0	0	0.0	10	100.0	0	0.0	0	0.0	10	100.0
160	Nasal Cavity	7	14.9	37	78.7	3	6.4	0	0.0	0	0.0	47	100.0
161	Larynx	10	19.2	39	75.0	2	3.8	0	0.0	1	1.9	52	100.0
162	Lung	13	9.4	46	33.3	75	54.3	1	0.7	3	2.2	138	100.0
163	Pleura	1	11.1	3	33.3	3	33.3	0	0.0	2	22.2	9	100.0
164	Thymus	1	33.3	0	0.0	2	66.7	0	0.0	0	0.0	3	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	56	38.4	62	42.5	23	15.8	3	2.1	2	1.4	146	100.0
171	Conn. Tiss.	32	42.1	24	31.6	15	19.7	0	0.0	5	6.6	76	100.0
172	Skin Melanoma	6	26.1	9	39.1	7	30.4	0	0.0	1	4.3	23	100.0
173	Skin Other	36	44.4	37	45.7	8	9.9	0	0.0	0	0.0	81	100.0
174	Breast Female	103	13.1	470	59.6	204	25.9	8	1.0	4	0.5	789	100.0
179	Uterus Nos.	2	16.7	6	50.0	2	16.7	1	8.3	1	8.3	12	100.0
180	Cervix	175	2.9	5082	83.8	794	13.1	5	0.1	7	0.1	6063	100.0
181	Placenta	3	33.3	0	0.0	5	55.6	0	0.0	1	11.1	9	100.0
182	Body Uterus	18	45.0	18	45.0	3	7.5	0	0.0	1	2.5	40	100.0
183	Ovary	15	6.8	82	36.9	117	52.7	3	1.4	5	2.3	222	100.0
184	Vagina	17	9.7	136	77.7	21	12.0	0	0.0	1	0.6	175	100.0
188	Uri. Bladder	11	26.8	14	34.1	14	34.1	1	2.4	1	2.4	41	100.0
189	Kidney	8	24.2	11	33.3	13	39.4	0	0.0	1	3.0	33	100.0
190	Eye	7	35.0	6	30.0	5	25.0	0	0.0	2	10.0	20	100.0
191	Brain	7	30.4	8	34.8	4	17.4	0	0.0	4	17.4	23	100.0
192	Nervous Sy.	0	0.0	1	50.0	0	0.0	0	0.0	1	50.0	2	100.0
193	Thyroid Gland	47	24.9	82	43.4	57	30.2	2	1.1	1	0.5	189	100.0
194	Oth. Endo. Glands	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	1	100.0
195	Ill Def. Site	9	22.5	10	25.0	20	50.0	0	0.0	1	2.5	40	100.0
196	Sec. Lymph Node	0	0.0	13	9.4	70	50.4	1	0.7	55	39.6	139	100.0
197	Sec. Res. Etc.	0	0.0	1	0.4	136	56.0	0	0.0	106	43.6	243	100.0
198	Sec. Other	0	0.0	1	1.2	51	60.7	1	1.2	31	36.9	84	100.0
199	Prim. Unknown	0	0.0	0	0.0	9	90.0	0	0.0	1	10.0	10	100.0
200	Lymphosarcoma	0	0.0	0	0.0	0	0.0	32	100.0	0	0.0	32	100.0
201	Hodgkin's Disease	0	0.0	0	0.0	0	0.0	47	100.0	0	0.0	47	100.0
202	Oth. Lymphoma	0	0.0	0	0.0	0	0.0	83	100.0	0	0.0	83	100.0
203	Mult. Myeloma	0	0.0	2	8.3	1	4.2	21	87.5	0	0.0	24	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	77	100.0	0	0.0	77	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	253	100.0	0	0.0	253	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0
207	Leuk. Oth. Sp.	0	0.0	0	0.0	0	0.0	5	100.0	0	0.0	5	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	48	100.0	0	0.0	48	100.0
	All Sites	1301	9.8	8563	64.4	2450	18.4	686	5.2	304	2.3	13304	100.0

**Table: BLR - 10(a): Proportion(%) of patients who received(Y) and not received(N) any Cancer Directed Treatment(CDT) according to Clinical Extent of Disease for each Site
1984 - 93 - Males
Bangalore**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %
140	Lip	64.7	35.3	57.4	42.6	50.0	50.0	100.0	0.0	100.0	0.0	58.6	41.4
141	Tongue	62.8	37.2	61.2	38.8	48.1	51.9	66.7	33.3	0.0	100.0	60.5	39.5
142	Salivary Glands	57.1	42.9	59.6	40.4	29.2	70.8	0.0	100.0	100.0	0.0	51.8	48.2
143	Gum	57.9	42.1	59.0	41.0	50.0	50.0	100.0	0.0	100.0	0.0	58.5	41.5
144	Floor of Mouth	60.0	40.0	70.1	29.9	53.3	46.7	50.0	50.0	100.0	0.0	68.0	32.0
145	Other Mouth	59.9	40.1	63.1	36.9	48.4	51.6	66.7	33.3	50.0	50.0	61.6	38.4
146	Oropharynx	61.9	38.1	62.9	37.1	52.5	47.5	71.4	28.6	40.0	60.0	62.2	37.8
147	Nasopharynx	60.0	40.0	70.5	29.5	54.5	45.5	100.0	0.0	100.0	0.0	68.0	32.0
148	Hypopharynx	56.0	44.0	55.3	44.7	40.6	59.4	50.0	50.0	50.0	50.0	54.4	45.6
149	Pharynx Etc.	72.0	28.0	59.4	40.6	50.0	50.0	50.0	50.0	0.0	100.0	60.2	39.8
150	Oesophagus	52.9	47.1	55.9	44.1	35.8	64.2	56.8	43.2	31.8	68.2	51.6	48.4
151	Stomach	30.7	69.3	40.9	59.1	23.3	76.7	10.0	90.0	33.3	66.7	29.7	70.3
152	Small Intes.	100.0	0.0	0.0	100.0	0.0	100.0	100.0	0.0	100.0	0.0	20.0	80.0
153	Colon	55.3	44.7	64.2	35.8	39.0	61.0	0.0	100.0	100.0	0.0	52.0	48.0
154	Rectum	43.7	56.3	52.3	47.7	35.9	64.1	25.0	75.0	0.0	100.0	46.8	53.2
155	Liver	28.8	71.2	49.3	50.7	31.5	68.5	0.0	100.0	40.9	59.1	35.8	64.2
156	Gall Bladder	16.7	83.3	46.7	53.3	31.8	68.2	100.0	0.0	0.0	100.0	34.1	65.9
157	Pancreas	27.3	72.7	45.2	54.8	28.3	71.7	0.0	100.0	0.0	100.0	30.9	69.1
158	Retroperit.	41.7	58.3	53.8	46.2	23.3	76.7	100.0	0.0	100.0	0.0	39.6	60.4
159	Other Dig. Sys.	100.0	0.0	28.6	71.4	28.3	71.7	100.0	0.0	0.0	100.0	28.6	71.4
160	Nasal Cavity	57.6	42.4	45.1	54.9	30.8	69.2	100.0	0.0	0.0	100.0	46.4	53.6
161	Larynx	62.2	37.8	47.5	52.5	30.5	69.5	50.0	50.0	0.0	100.0	50.7	49.3
162	Lung	44.7	55.3	59.6	40.4	58.5	41.5	44.4	55.6	50.0	50.0	56.7	43.3
163	Pleura	66.7	33.3	55.6	44.4	21.4	78.6	100.0	0.0	33.3	66.7	37.9	62.1
164	Thymus	66.7	33.3	62.5	37.5	40.0	60.0	100.0	0.0	100.0	0.0	58.1	41.9
165	Other Resp.	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
170	Bone	58.9	41.1	53.4	46.6	50.7	49.3	60.0	40.0	33.3	66.7	54.6	45.4
171	Conn. Tiss.	57.4	42.6	61.4	38.6	56.4	43.6	100.0	0.0	50.0	50.0	59.1	40.9
172	Skin Melanoma	43.8	56.3	51.5	48.5	26.7	73.3	100.0	0.0	100.0	0.0	44.6	55.4
173	Skin Other	60.2	39.8	52.9	47.1	31.0	69.0	20.0	80.0	33.3	66.7	53.0	47.0
175	Breast Male	60.0	40.0	48.1	51.9	30.0	70.0	100.0	0.0	100.0	0.0	45.2	54.8
185	Prostate	47.4	52.6	57.9	42.1	56.7	43.3	28.6	71.4	33.3	66.7	53.7	46.3
186	Testis	52.2	47.8	71.0	29.0	57.4	42.6	0.0	100.0	100.0	0.0	59.8	40.2
187	Penis Etc.	67.1	32.9	55.6	44.4	32.1	67.9	0.0	100.0	50.0	50.0	57.6	42.4
188	Uri. Bladder	48.6	51.4	51.9	48.1	25.7	74.3	54.5	45.5	16.7	83.3	46.4	53.6
189	Kidney	63.9	36.1	53.8	46.2	44.6	55.4	0.0	100.0	33.3	66.7	50.8	49.2
190	Eye	62.5	37.5	40.0	60.0	66.7	33.3	100.0	0.0	33.3	66.7	53.6	46.4
191	Brain	67.7	32.3	74.6	25.4	28.6	71.4	66.7	33.3	42.9	57.1	65.8	34.2
192	Nervous Sy.	100.0	0.0	66.7	33.3	100.0	0.0	100.0	0.0	100.0	0.0	75.0	25.0
193	Thyroid Gland	72.5	27.5	49.2	50.8	45.5	54.5	0.0	100.0	100.0	0.0	52.5	47.5
194	Oth. Endo. Glands	66.7	33.3	0.0	100.0	50.0	50.0	100.0	0.0	100.0	0.0	45.5	54.5
195	Ill Def. Site	51.7	48.3	48.1	51.9	42.5	57.5	100.0	0.0	66.7	33.3	47.6	52.4
196	Sec. Lymph Node	100.0	0.0	46.8	53.2	41.5	58.5	0.0	100.0	30.8	69.2	38.5	61.5
197	Sec. Res. Etc.	0.0	100.0	50.0	50.0	21.8	78.2	0.0	100.0	14.2	85.8	18.8	81.2
198	Sec. Other	100.0	0.0	71.4	28.6	50.3	49.7	100.0	0.0	32.5	67.5	45.9	54.1
199	Prim. Unknown	100.0	0.0	0.0	100.0	37.5	62.5	100.0	0.0	16.7	83.3	33.3	66.7
200	Lymphosarcoma	100.0	0.0	100.0	0.0	100.0	0.0	74.9	25.1	100.0	0.0	75.1	24.9
201	Hodgkin's Disease	100.0	0.0	100.0	0.0	0.0	100.0	78.2	21.8	100.0	0.0	77.9	22.1
202	Oth. Lymphoma	100.0	0.0	33.3	66.7	100.0	0.0	62.7	37.3	100.0	0.0	62.8	37.2
203	Mult. Myeloma	100.0	0.0	25.0	75.0	100.0	0.0	79.3	20.7	100.0	0.0	78.6	21.4
204	Leuk. Lymphatic	100.0	0.0	100.0	0.0	100.0	0.0	74.2	25.8	100.0	0.0	74.2	25.8
205	Leuk. Myelocytic	100.0	0.0	100.0	0.0	100.0	0.0	58.5	41.5	100.0	0.0	58.6	41.4
206	Leuk. Monocytic	100.0	0.0	100.0	0.0	100.0	0.0	41.7	58.3	100.0	0.0	41.7	58.3
207	Leuk. Misc.	100.0	0.0	100.0	0.0	100.0	0.0	82.2	17.8	100.0	0.0	82.2	17.8
208	Leuk. Unspecified	100.0	0.0	100.0	0.0	100.0	0.0	36.8	63.2	100.0	0.0	36.8	63.2
	All Sites	53.7	46.3	56.8	43.2	40.8	59.2	65.2	34.8	28.6	71.4	53.7	46.3

**Table: BLR - 10(b): Proportion(%) of patients who received(Y) and not received(N) any Cancer Directed Treatment(CDT) according to Clinical Extent of Disease for each Site
1984 - 93 - Females
Bangalore**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %
140	Lip	58.3	41.7	54.2	45.8	60.0	40.0	100.0	0.0	100.0	0.0	55.4	44.6
141	Tongue	72.3	27.7	63.7	36.3	47.8	52.2	100.0	0.0	100.0	0.0	63.8	36.2
142	Salivary Glands	59.3	40.7	29.7	70.3	27.3	72.7	100.0	0.0	100.0	0.0	40.0	60.0
143	Gum	61.1	38.9	61.1	38.9	63.5	36.5	100.0	0.0	100.0	0.0	61.3	38.7
144	Floor of Mouth	83.3	16.7	70.0	30.0	66.7	33.3	100.0	0.0	100.0	0.0	71.4	28.6
145	Other Mouth	57.5	42.5	62.7	37.3	44.0	56.0	100.0	0.0	50.0	50.0	60.8	39.2
146	Oropharynx	58.8	41.2	70.3	29.7	62.5	37.5	100.0	0.0	0.0	100.0	67.6	32.4
147	Nasopharynx	80.0	20.0	75.0	25.0	61.5	38.5	50.0	50.0	100.0	0.0	72.7	27.3
148	Hypopharynx	67.9	32.1	55.6	44.4	46.2	53.8	66.7	33.3	100.0	0.0	56.4	43.6
149	Pharynx Etc.	90.0	10.0	52.6	47.4	50.0	50.0	100.0	0.0	0.0	100.0	60.7	39.3
150	Oesophagus	54.7	45.3	59.1	40.9	35.5	64.5	65.2	34.8	46.9	53.1	54.8	45.2
151	Stomach	31.6	68.4	42.9	57.1	27.9	72.1	16.7	83.3	18.2	81.8	32.6	67.4
152	Small Intes.	100.0	0.0	100.0	0.0	0.0	100.0	100.0	0.0	100.0	0.0	50.0	50.0
153	Colon	41.2	58.8	86.7	13.3	34.2	65.8	0.0	100.0	50.0	50.0	46.6	53.4
154	Rectum	47.3	52.7	44.9	55.1	31.7	68.3	0.0	100.0	0.0	100.0	42.4	57.6
155	Liver	27.8	72.2	60.0	40.0	34.5	65.5	100.0	0.0	50.0	50.0	41.5	58.5
156	Gall Bladder	75.0	25.0	50.0	50.0	18.8	81.3	0.0	100.0	0.0	100.0	38.9	61.1
157	Pancreas	14.3	85.7	50.0	50.0	35.7	64.3	0.0	100.0	0.0	100.0	33.8	66.2
158	Retroperit.	53.8	46.2	27.8	72.2	29.2	70.8	100.0	0.0	20.0	80.0	33.3	66.7
159	Other Dig. Sys.	100.0	0.0	100.0	0.0	41.2	58.8	100.0	0.0	100.0	0.0	50.0	50.0
160	Nasal Cavity	58.8	41.2	56.0	44.0	62.5	37.5	100.0	0.0	100.0	0.0	58.0	42.0
161	Larynx	69.7	30.3	58.5	41.5	33.3	66.7	100.0	0.0	0.0	100.0	60.9	39.1
162	Lung	51.9	48.1	63.2	36.8	45.7	54.3	0.0	100.0	40.0	60.0	53.4	46.6
163	Pleura	0.0	100.0	50.0	50.0	50.0	50.0	100.0	0.0	0.0	100.0	40.0	60.0
164	Thymus	66.7	33.3	100.0	0.0	50.0	50.0	100.0	0.0	100.0	0.0	70.0	30.0
165	Other Resp.	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
170	Bone	50.4	49.6	52.7	47.3	45.2	54.8	25.0	75.0	50.0	50.0	50.3	49.7
171	Conn. Tiss.	47.5	52.5	52.0	48.0	25.0	75.0	100.0	0.0	16.7	83.3	44.9	55.1
172	Skin Melanoma	57.1	42.9	47.1	52.9	12.5	87.5	100.0	0.0	0.0	100.0	42.5	57.5
173	Skin Other	69.2	30.8	48.6	51.4	33.3	66.7	100.0	0.0	100.0	0.0	60.1	39.9
174	Breast Female	67.4	32.6	61.7	38.3	50.2	49.8	50.0	50.0	60.0	40.0	60.1	39.9
179	Uterus Nos.	85.7	14.3	60.0	40.0	60.0	40.0	0.0	100.0	0.0	100.0	66.7	33.3
180	Cervix	65.6	34.4	58.4	41.6	24.5	75.5	64.3	35.7	41.7	58.3	56.1	43.9
181	Placenta	85.0	15.0	100.0	0.0	70.6	29.4	100.0	0.0	50.0	50.0	80.0	20.0
182	Body Uterus	77.2	22.8	79.1	20.9	72.7	27.3	100.0	0.0	0.0	100.0	77.4	22.6
183	Ovary	72.7	27.3	64.0	36.0	55.3	44.7	25.0	75.0	37.5	62.5	60.1	39.9
184	Vagina	68.5	31.5	59.0	41.0	38.2	61.8	100.0	0.0	0.0	100.0	58.5	41.5
188	Uri. Bladder	35.3	64.7	33.3	66.7	12.5	87.5	0.0	100.0	0.0	100.0	26.8	73.2
189	Kidney	65.2	34.8	56.0	44.0	40.9	59.1	100.0	0.0	0.0	100.0	53.5	46.5
190	Eye	66.7	33.3	60.0	40.0	44.4	55.6	100.0	0.0	33.3	66.7	58.3	41.7
191	Brain	75.0	25.0	65.2	34.8	20.0	80.0	100.0	0.0	20.0	80.0	63.5	36.5
192	Nervous Sy.	100.0	0.0	0.0	100.0	100.0	0.0	100.0	0.0	0.0	100.0	33.3	66.7
193	Thyroid Gland	43.4	56.6	54.7	45.3	40.6	59.4	33.3	66.7	66.7	33.3	48.4	51.6
194	Oth. Endo. Glands	100.0	0.0	100.0	0.0	87.5	12.5	100.0	0.0	100.0	0.0	87.5	12.5
195	Ill Def. Site	59.1	40.9	56.5	43.5	20.0	80.0	100.0	0.0	66.7	33.3	45.2	54.8
196	Sec. Lymph Node	100.0	0.0	45.8	54.2	35.8	64.2	50.0	50.0	25.7	74.3	33.5	66.5
197	Sec. Res. Etc.	100.0	0.0	50.0	50.0	28.0	72.0	100.0	0.0	4.5	95.5	19.8	80.2
198	Sec. Other	100.0	0.0	75.0	25.0	54.9	45.1	50.0	50.0	44.6	55.4	52.0	48.0
199	Prim. Unknown	100.0	0.0	100.0	0.0	10.0	90.0	100.0	0.0	0.0	100.0	9.1	90.9
200	Lymphosarcoma	100.0	0.0	100.0	0.0	100.0	0.0	72.2	27.8	100.0	0.0	72.4	27.6
201	Hodgkin's Disease	100.0	0.0	100.0	0.0	100.0	0.0	73.7	26.3	100.0	0.0	73.7	26.3
202	Oth. Lymphoma	100.0	0.0	100.0	0.0	100.0	0.0	67.3	32.7	100.0	0.0	67.5	32.5
203	Mult. Myeloma	100.0	0.0	50.0	50.0	0.0	100.0	76.4	23.6	100.0	0.0	74.5	25.5
204	Leuk. Lymphatic	100.0	0.0	100.0	0.0	100.0	0.0	66.1	33.9	100.0	0.0	66.1	33.9
205	Leuk. Myelocytic	100.0	0.0	100.0	0.0	100.0	0.0	55.8	44.2	100.0	0.0	55.9	44.1
206	Leuk. Monocytic	100.0	0.0	100.0	0.0	100.0	0.0	66.7	33.3	100.0	0.0	66.7	33.3
207	Leuk. Misc.	100.0	0.0	100.0	0.0	100.0	0.0	68.8	31.3	100.0	0.0	68.8	31.3
208	Leuk. Unspecified	100.0	0.0	100.0	0.0	100.0	0.0	14.3	85.7	100.0	0.0	14.3	85.7
	All Sites	59.4	40.6	59.1	40.9	37.3	62.7	62.3	37.7	28.1	71.9	56.1	43.9

HOSPITAL BASED CANCER REGISTRY

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Former Professor & Head Dept.of Radiotherapy & Oncology and
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Non-communicable disease, particularly cancer and cardiovascular disease, are emerging public health problems in developing countries. The magnitude of the problem of cancer, in terms of its large numbers, warrants attention of the policymakers and planners to evolve a national programme of action to develop, implement and coordinate and also to evaluate the cancer control activities in the country. It was felt by the Government that there is not definite information and data available for cancer incidence in the country which can implement and recommend for augmentation of the existing facilities. The professionals who are closely involved in diagnosis and treatment of cancer do not have statistics of the prevalence of cancer as well as the facilities available.

In order to obtain data and information the National Cancer Control Programme, drafted in 1984, recommended to set up three population based and three hospital based Cancer Registries in the country. The Indian Council of Medical Research, New Delhi, was the nodal agency for controlling and monitoring the Cancer Registry programme. Bangalore, Bombay and Madras were identified for population based and Chandigarh, Dibrugarh and Trivandrum for Hospital based Cancer Registries (HBCR). In Chandigarh, the Department of Radiotherapy and Oncology of the Postgraduate Institute of Medical Education & Research, under the supervision of Prof. B.D.Gupta was designated as the resource centre for Hospital based Cancer Registry covering this region. The Registry started functioning from April 1984.

The Hospital based Cancer Registry aims to provide mainly the number of cancer cases attending the host institute in various disciplines and the exact type of cases diagnosed and classified according to International Classification of Diseases (ICD). In addition, great details of the patient such as age, sex, address, living conditions and environment, particular lifestyles of the community in which he/she lives, socio-economic strata, personal habits, past history, family history, marital status, number of children etc. were recorded by trained social workers and a Medical Research Officer. It also aimed to get the exact details of histopathology and to record other sources of diagnosis. Attempts were also made to give diagnosis of the cases by histopathology and cytopathology so that in a large number of patients correct and speedy diagnosis is made. The patients were further investigated by Radiology and Laboratory examinations in the form of Biochemistry, Nuclear Medicine and related areas to know the actual staging of the disease in terms of clinical status. Attempts were also made to classify according to TNM (Tumour Node Metastases) Classification. The HBCR also included the treatment and follow up to measure the survival rate as well.

The Hospital-based Cancer Registry at Chandigarh completed ten years of its existence and functions and achieved a great success in the collection of data and information. There are some observations which are the highlight of the HBCR at Chandigarh.

1. There is almost 100 per cent confirmation by histopathology or cytopathology of the patients attending the hospital duly registered in the programme.
2. The treatment modalities which included surgery, radiotherapy and chemotherapy and in a few cases of hormone or other modalities, were also classified.

3. Radiotherapy was the treatment of choice for more than 50 per cent of the cases and this was in the form of curative and palliative therapy.
4. Carcinoma cervix in females and carcinoma bronchus in males was the leading site of cancer. More than 50 per cent of the cases (exactly 62 per cent) of carcinoma cervix presented in stage - 3 diseases. In cancer bronchus there was no case reported in early stage where surgery was the choice of treatment. Carcinoma Gall Bladder reported higher incidence, which is more than that observed in other hospital based cancer registries in the country. On further enquiry and investigation, it was found that these patients belonged to higher socio-economic strata and had more nutritional value in their diet.
5. Oral cancer was the lowest in the HBCR at Chandigarh (5 per cent) and most of the cases came from western UP and part of Haryana. There was not a single case of buccal mucosa reported in Sikh population, male or female.
6. Cancer breast in females and cancer prostate in males were reported high in the population of Chandigarh city. This unlike the other population of the region attending the hospital.
7. Brain tumour - There was high incidence of brain tumour as revealed from the Registry. This may be attributed to the fact that there is well-developed facility for neuro-surgery in the entire region; hence the large number of cases reported.

The Hospital-based Cancer Registry has great potential to define and to evaluate the cancer treatment programme in a particular region or a hospital. This supports the curative treatment leading to disease-free survival for five years or longer of a particular modality and finally to recommend greater emphasis on cancer control programme. This can also correct the lacuna in the treatment programme in the country and the region.

HBCR support the programme for down sizing the staging of the disease and recommend measures for early detection programme for a particular type of the disease, which is preventable and curable, if patients present in early stages. In the present HBCR at Chandigarh, carcinoma cervix and carcinoma breast in females and carcinoma bronchus and cancers of the pharynx and larynx were the leading sites. There are a large number of patients attending in stage III and IV disease and this can be taken up on priority for cancer prevention, detection and downsizing of the disease.

There is an urgent need to develop a standard protocol of treatment of common cancers in India. This should be undertaken by a coordinated study to be entrusted to a few (at least 3-4) centres in the country. This can certainly provide the baseline data for improvement in the treatment modalities and to recommend measures for better control of the treatable and curable cancers.

In fact, Hospital-based Registries can be reliable source of information on survival rate. The Chandigarh Registry has shown a good follow up system where almost 85 per cent of the patients were followed up. This is a unique feature of the Chandigarh Registry in respect of follow up of cancer patients who have improved following establishment of Cancer Registries. The programme has certainly offered functions for documentations and hospital cancer registry management as well as support of patient care. The registry has actively kept the tract of patient history in detailed by this way has become a central information source and resource for connected hospital and specialisation in the institute.

The data in the Registry Programme also supported information on the etiological factors in the incidence of a particular cancer, the analysis of which can provide guidelines for further research and study for the National Cancer Control Programme. A large amount of data emerged in Carcinoma of cervix which proved that the disease can be prevented and effectively treated for cure even in advanced stages i.e. stage III to the tune of almost 45-50 per cent. Stage I and IIA are curable disease by radical Radiotherapy, which has proved the primary line of treatment in carcinoma cervix.

**Table CHG - 1(a): Number of Cancers by Site (ICD-9) and 5 Year Age Group:
1984 - 89 - Males**

ANS=Age Not Specified ; %= Relative Proportion of Cancers of All Sites.

Chandigarh

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	2	3	1	0	1	1	0	10	0.14
141	Tongue	0	0	0	0	1	10	12	22	38	62	69	63	50	30	30	14	0	401	5.80
142	Salivary Glands	0	2	0	0	2	7	1	1	5	3	12	8	11	7	4	0	0	63	0.91
143	Gum	0	0	0	0	1	2	3	1	4	8	9	6	5	3	2	3	0	47	0.68
144	Floor Of Mouth	1	0	0	0	0	0	0	2	2	2	4	5	3	3	0	0	0	22	0.32
145	Other Mouth	0	0	0	0	2	4	8	9	8	22	20	22	11	13	12	7	0	138	2.00
146	Oropharynx	0	0	0	0	2	1	7	16	27	36	25	36	26	16	9	6	0	207	3.00
147	Nasopharynx	1	0	1	5	2	3	3	5	8	7	9	11	6	2	1	4	0	68	0.98
148	Hypopharynx	0	0	0	2	6	17	12	20	25	24	42	54	48	31	14	11	0	306	4.43
149	Pharynx Etc.	0	0	0	2	1	1	0	2	4	2	7	3	7	3	2	4	0	38	0.55
150	Oesophagus	0	0	0	5	2	6	23	22	33	51	77	54	74	41	42	33	0	463	6.70
151	Stomach	0	0	0	0	2	3	11	18	24	27	28	35	21	25	12	11	0	217	3.14
152	Small Intes.	0	0	0	0	0	2	3	2	0	3	0	0	1	1	1	1	0	14	0.20
153	Colon	0	1	0	0	4	6	7	6	15	18	13	13	11	9	5	3	0	111	1.61
154	Rectum	0	0	1	5	7	12	16	12	19	21	26	27	43	18	22	12	0	241	3.49
155	Liver	5	0	0	0	4	2	2	3	6	6	8	9	13	9	1	1	0	69	1.00
156	Gall Bladder	0	0	0	0	0	2	3	7	8	8	12	7	12	6	7	2	0	74	1.07
157	Pancreas	0	0	0	0	1	1	6	3	8	8	6	8	10	6	3	1	0	61	0.88
158	Retroperit.	1	2	1	2	1	2	1	0	4	4	1	2	1	0	1	0	0	23	0.33
159	Other Dig. Sys.	0	0	0	0	0	0	0	0	0	0	1	0	1	2	1	0	0	5	0.07
160	Nasal Cavity	3	1	1	4	4	8	7	6	13	10	7	20	15	11	8	2	0	120	1.74
161	Larynx	0	0	0	0	2	2	7	8	36	54	80	76	68	43	37	16	0	429	6.21
162	Lung	0	0	0	0	3	7	11	33	58	88	144	136	124	82	48	28	0	762	11.03
163	Pleura	0	0	0	0	0	1	1	1	0	1	0	2	0	0	2	2	0	10	0.14
164	Thymus	0	1	1	0	3	0	1	1	0	1	0	0	1	0	0	0	0	9	0.13
165	Other Resp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170	Bone	1	4	17	28	16	5	8	7	2	5	5	2	2	2	1	1	0	106	1.53
171	Conn. Tiss.	9	4	9	14	14	13	15	13	4	5	14	9	10	9	10	1	0	153	2.21
172	Skin Melanoma	0	0	0	0	0	2	0	1	2	2	3	1	3	4	1	1	0	20	0.29
173	Skin Other	0	0	1	1	7	7	12	12	11	7	26	16	18	15	16	16	0	165	2.39
175	Breast Male	0	0	0	0	1	0	0	0	5	0	6	3	7	5	4	1	0	32	0.46
185	Prostate	1	0	0	0	1	0	0	1	2	3	15	17	25	41	28	29	0	163	2.36
186	Testis	6	0	1	7	9	24	25	31	13	11	7	6	4	3	0	1	0	148	2.14
187	Penis Etc.	0	0	0	0	1	5	5	6	10	16	19	20	12	23	6	9	0	132	1.91
188	Uri. Bladder	2	1	0	1	0	1	1	4	15	17	26	27	40	16	13	8	0	172	2.49
189	Kidney	23	7	1	1	3	3	1	6	11	7	8	8	11	9	2	1	0	102	1.48
190	Eye	41	10	3	1	1	1	0	0	2	0	3	4	3	1	0	1	0	71	1.03
191	Brain	14	29	32	23	27	29	34	37	23	30	33	24	14	3	2	1	0	355	5.14
192	Nervous Sy.	2	2	2	1	5	3	1	2	1	1	0	0	0	0	0	0	0	20	0.29
193	Thyroid Gland	0	0	0	1	3	5	3	8	6	1	5	5	7	1	6	5	0	56	0.81
194	Oth. Endo. Glands	1	2	3	1	0	1	1	1	0	0	0	1	0	0	0	0	0	11	0.16
195	Ill Def. Site	4	2	4	2	2	1	0	2	3	5	2	6	2	4	3	1	0	43	0.62
196	Sec. Lymph Node	0	0	0	3	2	4	4	9	18	15	16	20	21	12	8	5	0	137	1.98
197	Sec. Res. Etc.	1	0	0	0	3	3	2	7	6	12	11	15	11	9	6	3	0	89	1.29
198	Sec. Other	2	2	2	2	1	1	6	11	4	4	8	4	15	5	3	2	0	72	1.04
199	Prim. Unknown	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0.03
200	Lymphosarcoma	2	8	9	11	15	17	12	3	7	14	20	18	12	4	9	5	0	166	2.40
201	Hodgkin's Disease	1	27	15	24	10	19	9	11	8	10	5	10	1	3	3	0	0	156	2.26
202	Oth. Lymphoma	4	11	10	11	14	14	16	13	15	24	13	13	7	8	6	4	0	183	2.65
203	Multi. Myeloma	0	0	1	0	1	1	3	4	4	6	12	5	12	5	2	6	0	62	0.90
204	Leuk. Lymphatic	63	36	35	26	12	4	4	3	6	5	5	6	6	3	1	0	0	215	3.11
205	Leuk. Myelocytic	4	12	10	15	23	15	19	13	9	18	5	6	1	4	2	3	0	159	2.30
206	Leuk. Monocytic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207	Leuk. Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
208	Leuk. Unspecified	0	0	0	1	0	2	1	1	0	1	0	0	0	0	0	0	0	6	0.09
	All Sites	193	164	160	199	221	280	327	406	535	688	869	846	808	550	397	266	0	6909	100.00

**Table CHG - 1(b): Number of Cancers by Site (ICD-9) and 5 Year Age Group:
1984 - 89 - Females**

ANS=Age Not Specified ; %= Relative Proportion of Cancers of All Sites.

Chandigarh

ICD-9	Site	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	Total	%
140	Lip	0	0	0	0	0	0	0	1	1	0	2	1	1	0	2	0	0	8	0.11
141	Tongue	0	0	0	1	1	2	4	2	10	19	9	18	13	4	3	3	0	89	1.21
142	Salivary Glands	0	0	0	2	0	2	1	3	5	6	3	1	1	2	0	1	0	27	0.37
143	Gum	0	0	0	0	0	1	1	2	0	5	7	6	2	1	1	0	0	26	0.35
144	Floor Of Mouth	0	0	0	0	0	0	0	0	0	1	2	1	1	0	0	0	0	5	0.07
145	Other Mouth	0	0	0	0	2	1	1	7	5	10	17	13	7	4	6	2	0	75	1.02
146	Oropharynx	0	0	0	0	0	0	1	1	6	3	7	6	3	5	1	2	0	35	0.47
147	Nasopharynx	0	0	0	1	4	1	2	1	1	0	4	1	4	0	0	1	0	20	0.27
148	Hypopharynx	0	0	0	1	7	3	8	14	19	20	24	17	21	11	7	1	0	153	2.07
149	Pharynx Etc.	0	0	0	0	1	1	3	2	3	2	4	4	1	2	0	1	0	24	0.33
150	Oesophagus	0	0	0	0	0	6	22	32	35	54	63	56	46	28	16	14	0	372	5.04
151	Stomach	0	0	0	1	1	1	2	7	5	13	18	10	5	8	3	2	0	76	1.03
152	Small Intes.	0	0	0	0	0	0	0	1	1	3	2	2	1	0	0	0	0	10	0.14
153	Colon	0	0	0	0	1	5	5	5	9	5	5	8	10	2	0	1	0	56	0.76
154	Rectum	0	0	0	1	2	9	3	11	7	12	16	10	14	5	8	2	0	100	1.35
155	Liver	0	0	0	0	0	0	0	1	0	3	3	1	5	1	1	1	0	16	0.22
156	Gall Bladder	1	0	0	0	1	1	5	10	14	20	24	28	23	14	10	5	0	156	2.11
157	Pancreas	0	0	0	0	0	0	3	3	8	8	8	3	8	2	4	0	0	47	0.64
158	Retroperit.	0	0	0	0	1	1	0	1	2	3	0	2	1	0	0	0	0	11	0.15
159	Other Dig. Sys.	0	0	0	0	0	1	0	0	0	0	0	2	1	0	1	0	0	5	0.07
160	Nasal Cavity	0	0	0	1	1	2	4	10	3	9	12	8	16	6	7	0	0	79	1.07
161	Larynx	0	0	0	0	2	1	4	7	6	6	11	12	2	3	0	3	0	57	0.77
162	Lung	0	0	0	0	0	0	4	6	7	19	21	15	23	9	6	3	0	113	1.53
163	Pleura	0	0	0	0	1	0	0	2	1	0	0	2	1	0	0	0	0	7	0.09
164	Thymus	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.01
165	Other Resp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170	Bone	2	5	8	11	8	6	2	4	1	3	1	1	1	0	0	0	0	53	0.72
171	Conn. Tiss.	5	3	5	8	8	5	13	6	5	5	7	4	6	3	0	2	0	85	1.15
172	Skin Melanoma	0	0	0	1	0	0	1	0	2	1	2	1	0	0	0	0	0	8	0.11
173	Skin Other	0	0	1	1	3	1	4	6	5	12	12	7	15	3	9	11	0	90	1.22
174	Breast	0	0	0	1	6	42	101	155	179	203	147	121	82	55	32	8	0	1132	15.33
179	Uterus Nos.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.01
180	Cervix	0	0	0	0	9	56	191	350	412	508	536	405	256	127	61	28	0	2939	39.81
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	4	6	7	9	20	33	33	17	11	6	4	0	150	2.03
183	Ovary	0	4	9	7	12	14	16	28	45	40	52	36	20	8	8	3	0	302	4.09
184	Vagina	1	0	0	0	0	2	1	3	4	6	12	8	9	7	6	5	0	64	0.87
188	Uri. Bladder	1	0	0	0	1	2	1	3	3	0	3	4	7	4	4	4	0	37	0.50
189	Kidney	4	3	1	0	0	2	4	5	1	4	4	3	5	3	1	2	0	42	0.57
190	Eye	21	3	4	3	0	1	1	0	0	1	0	2	1	2	0	0	0	39	0.53
191	Brain	5	18	19	10	13	8	22	10	18	10	10	8	7	5	0	0	0	163	2.21
192	Nervous Sy.	2	1	2	1	3	1	0	1	0	0	0	0	0	0	1	0	0	12	0.16
193	Thyroid Gland	0	0	0	5	9	8	8	14	9	7	9	9	8	6	4	3	0	99	1.34
194	Oth. endo. Glands	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	4	0.05
195	Ill Def. Site	2	1	1	0	1	2	1	3	2	6	7	6	6	3	3	1	0	45	0.61
196	Sec. Lymph Node	0	0	0	0	0	1	0	7	4	6	12	3	5	7	1	0	0	46	0.62
197	Sec. Res. Etc.	0	0	0	0	0	2	4	5	8	9	21	15	15	4	4	1	0	88	1.19
198	Sec. Other	4	1	1	2	1	2	4	1	5	5	5	3	6	2	2	0	0	44	0.60
199	Prim. Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
200	Lymphosarcoma	2	3	0	0	5	7	2	5	5	5	4	5	7	7	0	0	0	57	0.77
201	Hodgkin's Disease	2	2	5	5	7	5	4	3	0	4	5	1	1	2	0	0	0	46	0.62
202	Oth. Lymphoma	1	3	4	3	4	7	3	6	2	7	10	6	4	3	4	1	0	68	0.92
203	Multi. Myeloma	0	0	0	0	0	0	1	2	3	2	7	5	5	2	1	2	0	30	0.41
204	Leuk. Lymphatic	11	11	10	8	2	3	3	3	2	2	2	3	3	1	0	0	0	64	0.87
205	Leuk. Myelocytic	3	2	6	8	12	13	12	15	11	11	6	4	2	1	0	0	0	106	1.44
206	Leuk. Monocytic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207	Leuk. Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
208	Leuk. Unspecified	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.01
	All Sites	69	60	76	83	129	233	479	771	883	1098	1169	921	699	373	223	117	0	7383	100.00

**Table:CHG - 2(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Method of Diagnosis
1984 - 89 - Males
Chandigarh**

ICD-9	Site	Clinical		Microscopic		X - Ray		Others		Total	
		#	%	#	%	#	%	#	%	#	%
140	Lip	0	0.0	10	100.0	0	0.0	0	0.0	10	100.0
141	Tongue	3	0.7	397	99.0	1	0.2	0	0.0	401	100.0
142	Salivary Glands	1	1.6	62	98.4	0	0.0	0	0.0	63	100.0
143	Gum	1	2.1	44	93.6	2	4.3	0	0.0	47	100.0
144	Floor Of Mouth	1	4.5	21	95.5	0	0.0	0	0.0	22	100.0
145	Other Mouth	3	2.2	133	96.4	2	1.4	0	0.0	138	100.0
146	Oropharynx	2	1.0	205	99.0	0	0.0	0	0.0	207	100.0
147	Nasopharynx	2	2.9	65	95.6	0	0.0	1	1.5	68	100.0
148	Hypopharynx	3	1.0	295	96.4	1	0.3	7	2.3	306	100.0
149	Pharynx Etc.	0	0.0	37	97.4	0	0.0	1	2.6	38	100.0
150	Oesophagus	0	0.0	425	91.8	11	2.4	27	5.8	463	100.0
151	Stomach	0	0.0	194	89.4	6	2.8	17	7.8	217	100.0
152	Small Intes.	0	0.0	13	92.9	0	0.0	1	7.1	14	100.0
153	Colon	0	0.0	100	90.1	1	0.9	10	9.0	111	100.0
154	Rectum	6	2.5	227	94.2	0	0.0	8	3.3	241	100.0
155	Liver	0	0.0	68	98.6	0	0.0	1	1.4	69	100.0
156	Gall Bladder	0	0.0	64	86.5	6	8.1	4	5.4	74	100.0
157	Pancreas	0	0.0	27	44.3	8	13.1	26	42.6	61	100.0
158	Retroperit.	0	0.0	22	95.7	0	0.0	1	4.3	23	100.0
159	Other Dig. Sys.	0	0.0	4	80.0	0	0.0	1	20.0	5	100.0
160	Nasal Cavity	0	0.0	116	96.7	4	3.3	0	0.0	120	100.0
161	Larynx	2	0.5	420	97.9	0	0.0	7	1.6	429	100.0
162	Lung	1	0.1	646	84.8	83	10.9	32	4.2	762	100.0
163	Pleura	0	0.0	10	100.0	0	0.0	0	0.0	10	100.0
164	Thymus	0	0.0	6	66.7	3	33.3	0	0.0	9	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	0	0.0	105	99.1	1	0.9	0	0.0	106	100.0
171	Conn. Tiss.	1	0.7	151	98.7	1	0.7	0	0.0	153	100.0
172	Skin Melanoma	0	0.0	20	100.0	0	0.0	0	0.0	20	100.0
173	Skin Other	0	0.0	165	100.0	0	0.0	0	0.0	165	100.0
175	Breast Male	1	3.1	31	96.9	0	0.0	0	0.0	32	100.0
185	Prostate	2	1.2	159	97.5	1	0.6	1	0.6	163	100.0
186	Testis	2	1.4	146	98.6	0	0.0	0	0.0	148	100.0
187	Penis Etc.	6	4.5	126	95.5	0	0.0	0	0.0	132	100.0
188	Uri. Bladder	0	0.0	171	99.4	0	0.0	1	0.6	172	100.0
189	Kidney	0	0.0	99	97.1	3	2.9	0	0.0	102	100.0
190	Eye	1	1.4	69	97.2	1	1.4	0	0.0	71	100.0
191	Brain	0	0.0	327	92.1	11	3.1	17	4.8	355	100.0
192	Nervous Sy.	0	0.0	19	95.0	1	5.0	0	0.0	20	100.0
193	Thyroid Gland	0	0.0	56	100.0	0	0.0	0	0.0	56	100.0
194	Oth. Endo. Glands	0	0.0	10	90.9	1	9.1	0	0.0	11	100.0
195	Ill Def. Site	6	14.0	32	74.4	4	9.3	1	2.3	43	100.0
196	Sec. Lymph Node	3	2.2	134	97.8	0	0.0	0	0.0	137	100.0
197	Sec. Res. Etc.	2	2.2	85	95.5	1	1.1	1	1.1	89	100.0
198	Sec. Other	0	0.0	64	88.9	6	8.3	2	2.8	72	100.0
199	Prim. Unknown	1	50.0	1	50.0	0	0.0	0	0.0	2	100.0
200	Lymphosarcoma	0	0.0	166	100.0	0	0.0	0	0.0	166	100.0
201	Hodgkin's Disease	0	0.0	156	100.0	0	0.0	0	0.0	156	100.0
202	Oth. Lymphoma	0	0.0	182	99.5	1	0.5	0	0.0	183	100.0
203	Multi. Myeloma	0	0.0	58	93.5	0	0.0	4	6.5	62	100.0
204	Leuk. Lymphatic	0	0.0	215	100.0	0	0.0	0	0.0	215	100.0
205	Leuk. Myelocytic	0	0.0	159	100.0	0	0.0	0	0.0	159	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	6	100.0	0	0.0	0	0.0	6	100.0
	All Sites	50	0.7	6528	94.5	160	2.3	171	2.5	6909	100.0

**Table:CHG - 2(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Method of Diagnosis
1984 - 89 - Females
Chandigarh**

ICD-9	Site	Clinical		Microscopic		X - Ray		Others		Total	
		#	%	#	%	#	%	#	%	#	%
140	Lip	1	12.5	7	87.5	0	0	0	0.0	8	100.0
141	Tongue	4	4.5	85	95.5	0	0	0	0.0	89	100.0
142	Salivary Glands	1	3.7	26	96.3	0	0	0	0.0	27	100.0
143	Gum	0	0.0	26	100.0	0	0	0	0.0	26	100.0
144	Floor Of Mouth	0	0.0	5	100.0	0	0	0	0.0	5	100.0
145	Other Mouth	7	9.3	68	90.7	0	0	0	0.0	75	100.0
146	Oropharynx	0	0.0	35	100.0	0	0	0	0.0	35	100.0
147	Nasopharynx	1	5.0	18	90.0	0	0	1	5.0	20	100.0
148	Hypopharynx	0	0.0	148	96.7	2	1.3	3	2.0	153	100.0
149	Pharynx Etc.	1	4.2	23	95.8	0	0	0	0.0	24	100.0
150	Oesophagus	0	0.0	345	92.7	9	2.4	18	4.8	372	100.0
151	Stomach	1	1.3	70	92.1	0	0	5	6.6	76	100.0
152	Small Intes.	0	0.0	10	100.0	0	0	0	0.0	10	100.0
153	Colon	0	0.0	53	94.6	0	0	3	5.4	56	100.0
154	Rectum	2	2.0	94	94.0	0	0	4	4.0	100	100.0
155	Liver	0	0.0	14	87.5	1	6.3	1	6.3	16	100.0
156	Gall Bladder	0	0.0	113	72.4	16	10.3	27	17.3	156	100.0
157	Pancreas	2	4.3	22	46.8	5	10.6	18	38.3	47	100.0
158	Retroperit.	1	9.1	10	90.9	0	0	0	0.0	11	100.0
159	Other Dig. Sys.	0	0.0	5	100.0	0	0	0	0.0	5	100.0
160	Nasal Cavity	0	0.0	77	97.5	2	2.5	0	0.0	79	100.0
161	Larynx	0	0.0	55	96.5	0	0	2	3.5	57	100.0
162	Lung	0	0.0	92	81.4	15	13.3	6	5.3	113	100.0
163	Pleura	0	0.0	7	100.0	0	0	0	0.0	7	100.0
164	Thymus	0	0.0	1	100.0	0	0	0	0.0	1	100.0
165	Other Resp.	0	0.0	0	0.0	0	0	0	0.0	0	0.0
170	Bone	0	0.0	53	100.0	0	0	0	0.0	53	100.0
171	Conn. Tiss.	0	0.0	85	100.0	0	0	0	0.0	85	100.0
172	Skin Melanoma	0	0.0	8	100.0	0	0	0	0.0	8	100.0
173	Skin Other	0	0.0	90	100.0	0	0	0	0.0	90	100.0
174	Breast	14	1.2	1113	98.3	4	0.4	1	0.1	1132	100.0
179	Uterus Nos.	0	0.0	1	100.0	0	0	0	0.0	1	100.0
180	Cervix	64	2.2	2875	97.8	0	0	0	0.0	2939	100.0
181	Placenta	0	0.0	0	0.0	0	0	0	0.0	0	0.0
182	Body Uterus	1	0.7	149	99.3	0	0	0	0.0	150	100.0
183	Ovary	5	1.7	293	97.0	0	0	4	1.3	302	100.0
184	Vagina	1	1.6	63	98.4	0	0	0	0.0	64	100.0
188	Uri. Bladder	0	0.0	37	100.0	0	0	0	0.0	37	100.0
189	Kidney	0	0.0	39	92.9	3	7.1	0	0.0	42	100.0
190	Eye	0	0.0	39	100.0	0	0	0	0.0	39	100.0
191	Brain	0	0.0	147	90.2	6	3.7	10	6.1	163	100.0
192	Nervous Sy.	0	0.0	12	100.0	0	0	0	0.0	12	100.0
193	Thyroid Gland	1	1.0	98	99.0	0	0	0	0.0	99	100.0
194	Oth. Endo. Glands	0	0.0	4	100.0	0	0	0	0.0	4	100.0
195	Ill Def. Site	2	4.4	41	91.1	1	2.2	1	2.2	45	100.0
196	Sec. Lymph Node	0	0.0	46	100.0	0	0	0	0.0	46	100.0
197	Sec. Res. Etc.	5	5.7	80	90.9	2	2.3	1	1.1	88	100.0
198	Sec. Other	0	0.0	42	95.5	2	4.5	0	0.0	44	100.0
199	Prim. Unknown	0	0.0	0	0.0	0	0	0	0.0	0	0.0
200	Lymphosarcoma	0	0.0	57	100.0	0	0	0	0.0	57	100.0
201	Hodgkin's Disease	0	0.0	46	100.0	0	0	0	0.0	46	100.0
202	Oth. Lymphoma	0	0.0	68	100.0	0	0	0	0.0	68	100.0
203	Multi. Myeloma	0	0.0	29	96.7	0	0	1	3.3	30	100.0
204	Leuk. Lymphatic	0	0.0	64	100.0	0	0	0	0.0	64	100.0
205	Leuk. Myelocytic	0	0.0	106	100.0	0	0	0	0.0	106	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0	0	0.0	0	0.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	1	100.0	0	0	0	0.0	1	100.0
	All Sites	114	1.5	7095	96.1	68	0.9	106	1.4	7383	100.0

**Table: CHG - 3(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Detailed Microscopic Diagnosis
1984 - 89 - Males
Chandigarh**

ICD-9	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	10	99.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10	100.0
141	Tongue	379	94.5	1	0.2	17	4.2	0	0.0	0	0.0	4	1.0	401	100.0
142	Salivary Glands	41	65.1	0	0.0	21	33.3	0	0.0	0	0.0	1	1.6	63	100.0
143	Gum	40	85.1	0	0.0	4	8.5	0	0.0	0	0.0	3	6.4	47	100.0
144	Floor of Mouth	16	72.7	1	4.5	4	18.2	0	0.0	0	0.0	1	4.5	22	100.0
145	Other Mouth	129	93.5	0	0.0	4	2.9	0	0.0	0	0.0	5	3.6	138	100.0
146	Oropharynx	197	95.2	2	1.0	6	2.9	0	0.0	0	0.0	2	1.0	207	100.0
147	Nasopharynx	52	76.5	3	4.4	10	14.7	0	0.0	0	0.0	3	4.4	68	100.0
148	Hypopharynx	281	91.8	4	1.3	10	3.3	0	0.0	0	0.0	11	3.6	306	100.0
149	Pharynx Etc.	36	94.7	0	0.0	1	2.6	0	0.0	0	0.0	1	2.6	38	100.0
150	Oesophagus	396	85.5	2	0.4	27	5.8	0	0.0	0	0.0	38	8.2	463	100.0
151	Stomach	151	69.6	9	4.1	34	15.7	0	0.0	0	0.0	23	10.6	217	100.0
152	Small Intes.	12	85.7	0	0.0	1	7.1	0	0.0	0	0.0	1	7.1	14	100.0
153	Colon	77	69.4	5	4.5	18	16.2	0	0.0	0	0.0	11	9.9	111	100.0
154	Rectum	210	87.1	3	1.2	14	5.8	0	0.0	0	0.0	14	5.8	241	100.0
155	Liver	17	24.6	0	0.0	51	73.9	0	0.0	0	0.0	1	1.4	69	100.0
156	Gall Bladder	38	51.4	5	6.8	21	28.4	0	0.0	0	0.0	10	13.5	74	100.0
157	Pancreas	9	14.8	4	6.6	14	23.0	0	0.0	0	0.0	34	55.7	61	100.0
158	Retroperito.	16	69.6	0	0.0	6	26.1	0	0.0	0	0.0	1	4.3	23	100.0
159	Other Dig. Sys.	1	20.0	1	20.0	2	40.0	0	0.0	0	0.0	1	20.0	5	100.0
160	Nasal Cavity	108	90.0	0	0.0	8	6.7	0	0.0	0	0.0	4	3.3	120	100.0
161	Larynx	399	93.0	1	0.2	20	4.7	0	0.0	0	0.0	9	2.1	429	100.0
162	Lung	364	47.8	35	4.6	247	32.4	0	0.0	0	0.0	116	15.2	762	100.0
163	Pleura	8	80.0	0	0.0	2	20.0	0	0.0	0	0.0	0	0.0	10	100.0
164	Thymus	4	44.4	0	0.0	2	22.2	0	0.0	0	0.0	3	33.3	9	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	89	84.0	0	0.0	16	15.1	0	0.0	0	0.0	1	0.9	106	100.0
171	Conn. Tiss.	124	81.0	1	0.7	26	17.0	0	0.0	0	0.0	2	1.3	153	100.0
172	Skin Melanoma	14	70.0	0	0.0	6	30.0	0	0.0	0	0.0	0	0.0	20	100.0
173	Skin Other	156	94.5	0	0.0	9	5.5	0	0.0	0	0.0	0	0.0	165	100.0
175	Breast Male	24	75.0	0	0.0	7	21.9	0	0.0	0	0.0	1	3.1	32	100.0
185	Prostate	117	71.8	1	0.6	41	25.2	0	0.0	0	0.0	4	2.5	163	100.0
186	Testis	129	87.2	2	1.4	15	10.1	0	0.0	0	0.0	2	1.4	148	100.0
187	Penis Etc.	117	88.6	2	1.5	7	5.3	0	0.0	0	0.0	6	4.5	132	100.0
188	Uri. Bladder	163	94.8	2	1.2	6	3.5	0	0.0	0	0.0	1	0.6	172	100.0
189	Kidney	86	84.3	2	2.0	11	10.8	0	0.0	0	0.0	3	2.9	102	100.0
190	Eye	65	91.5	0	0.0	4	5.6	0	0.0	0	0.0	2	2.8	71	100.0
191	Brain	324	91.3	0	0.0	3	0.8	0	0.0	0	0.0	28	7.9	355	100.0
192	Nervous Sy.	19	95.0	0	0.0	0	0.0	0	0.0	0	0.0	1	5.0	20	100.0
193	Thyroid Gland	42	75.0	0	0.0	14	25.0	0	0.0	0	0.0	0	0.0	56	100.0
194	Oth. Endo. Glands	7	63.6	1	9.1	2	18.2	0	0.0	0	0.0	1	9.1	11	100.0
195	Ill Def. Site	11	25.6	1	2.3	20	46.5	0	0.0	0	0.0	11	25.6	43	100.0
196	Sec. Lymph Node	3	2.2	48	35.0	83	60.6	0	0.0	0	0.0	3	2.2	137	100.0
197	Sec. Res. Etc.	1	1.1	15	16.9	69	77.5	0	0.0	0	0.0	4	4.5	89	100.0
198	Sec. Other	0	0.0	43	59.7	21	29.2	0	0.0	0	0.0	8	11.1	72	100.0
199	Prim. Unknown	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	1	50.0	2	100.0
200	Lymphosarcoma	111	66.9	1	0.6	52	31.3	0	0.0	2	1.2	0	0.0	166	100.0
201	Hodgkin's Disease	128	82.1	1	0.6	26	16.7	0	0.0	1	0.6	0	0.0	156	100.0
202	Oth. Lymphoma	118	64.5	2	1.1	59	32.2	0	0.0	3	1.6	1	0.5	183	100.0
203	Mult. Myeloma	10	16.1	0	0.0	3	4.8	0	0.0	45	72.6	4	6.5	62	100.0
204	Leuk. Lymphatic	5	2.3	0	0.0	1	0.5	3	1.4	206	95.8	0	0.0	215	100.0
205	Leuk. Myelocytic	4	2.5	0	0.0	0	0.0	9	5.7	146	91.8	0	0.0	159	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	5	83.3	1	16.7	0	0.0	6	100.0
	All Sites	4862	70.4	198	2.9	1047	15.2	17	0.2	404	5.8	381	5.5	6909	100.0

**Table: CHG - 3(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Detailed Microscopic Diagnosis
1984 - 89 - Females
Chandigarh**

ICD-9	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	6	75.0	0	0.0	1	12.5	0	0.0	0	0.0	1	12.5	8	100.0
141	Tongue	82	92.1	0	0.0	3	3.4	0	0.0	0	0.0	4	4.5	89	100.0
142	Salivary Glands	22	81.5	0	0.0	4	14.8	0	0.0	0	0.0	1	3.7	27	100.0
143	Gum	26	99.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	26	100.0
144	Floor of Mouth	5	99.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	100.0
145	Other Mouth	67	89.3	0	0.0	1	1.3	0	0.0	0	0.0	7	9.3	75	100.0
146	Oropharynx	35	99.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	35	100.0
147	Nasopharynx	16	80.0	0	0.0	2	10.0	0	0.0	0	0.0	2	10.0	20	100.0
148	Hypopharynx	145	94.8	0	0.0	3	2.0	0	0.0	0	0.0	5	3.3	153	100.0
149	Pharynx Etc.	21	87.5	0	0.0	2	8.3	0	0.0	0	0.0	1	4.2	24	100.0
150	Oesophagus	328	88.2	0	0.0	17	4.6	0	0.0	0	0.0	27	7.3	372	100.0
151	Stomach	46	60.5	5	6.6	19	25.0	0	0.0	0	0.0	6	7.9	76	100.0
152	Small Intes.	7	70.0	0	0.0	3	30.0	0	0.0	0	0.0	0	0.0	10	100.0
153	Colon	42	75.0	3	5.4	8	14.3	0	0.0	0	0.0	3	5.4	56	100.0
154	Rectum	85	85.0	4	4.0	5	5.0	0	0.0	0	0.0	6	6.0	100	100.0
155	Liver	5	31.3	0	0.0	9	56.3	0	0.0	0	0.0	2	12.5	16	100.0
156	Gall Bladder	49	31.4	16	10.3	48	30.8	0	0.0	0	0.0	43	27.6	156	100.0
157	Pancreas	10	21.3	4	8.5	8	17.0	0	0.0	0	0.0	25	53.2	47	100.0
158	Retroperito.	8	72.7	0	0.0	2	18.2	0	0.0	0	0.0	1	9.1	11	100.0
159	Other Dig. Sys.	2	40.0	0	0.0	3	60.0	0	0.0	0	0.0	0	0.0	5	100.0
160	Nasal Cavity	73	92.4	0	0.0	4	5.1	0	0.0	0	0.0	2	2.5	79	100.0
161	Larynx	55	96.5	0	0.0	0	0.0	0	0.0	0	0.0	2	3.5	57	100.0
162	Lung	49	43.4	4	3.5	39	34.5	0	0.0	0	0.0	21	18.6	113	100.0
163	Pleura	4	57.1	0	0.0	3	42.9	0	0.0	0	0.0	0	0.0	7	100.0
164	Thymus	0	0.0	0	0.0	1	99.9	0	0.0	0	0.0	0	0.0	1	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	45	84.9	0	0.0	8	15.1	0	0.0	0	0.0	0	0.0	53	100.0
171	Conn. Tiss.	69	81.2	0	0.0	16	18.8	0	0.0	0	0.0	0	0.0	85	100.0
172	Skin Melanoma	5	62.5	1	12.5	2	25.0	0	0.0	0	0.0	0	0.0	8	100.0
173	Skin Other	81	90.0	1	1.1	8	8.9	0	0.0	0	0.0	0	0.0	90	100.0
174	Breast Female	952	84.1	4	0.4	157	13.9	0	0.0	0	0.0	19	1.7	1132	100.0
179	Uterus Nos.	1	99.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
180	Cervix	2869	97.6	1	0.0	4	0.1	0	0.0	1	0.0	64	2.2	2939	100.0
181	Placenta	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
182	Body Uterus	146	97.3	0	0.0	3	2.0	0	0.0	0	0.0	1	0.7	150	100.0
183	Ovary	249	82.5	9	3.0	35	11.6	0	0.0	0	0.0	9	3.0	302	100.0
184	Vagina	60	93.8	0	0.0	3	4.7	0	0.0	0	0.0	1	1.6	64	100.0
188	Uri. Bladder	36	97.3	0	0.0	1	2.7	0	0.0	0	0.0	0	0.0	37	100.0
189	Kidney	33	78.6	1	2.4	5	11.9	0	0.0	0	0.0	3	7.1	42	100.0
190	Eye	34	87.2	0	0.0	5	12.8	0	0.0	0	0.0	0	0.0	39	100.0
191	Brain	147	90.2	0	0.0	0	0.0	0	0.0	0	0.0	16	9.8	163	100.0
192	Nervous Sy.	12	99.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	12	100.0
193	Thyroid Gland	78	78.8	1	1.0	19	19.2	0	0.0	0	0.0	1	1.0	99	100.0
194	Oth. Endo. Glands	3	75.0	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0	4	100.0
195	Ill Def. Site	12	26.7	5	11.1	24	53.3	0	0.0	0	0.0	4	8.9	45	100.0
196	Sec. Lymph Node	0	0.0	22	47.8	24	52.2	0	0.0	0	0.0	0	0.0	46	100.0
197	Sec. Res. Etc.	0	0.0	11	12.5	69	78.4	0	0.0	0	0.0	8	9.1	88	100.0
198	Sec. Other	0	0.0	27	61.4	15	34.1	0	0.0	0	0.0	2	4.5	44	100.0
199	Prim. Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
200	Lymphosarcoma	48	84.2	0	0.0	9	15.8	0	0.0	0	0.0	0	0.0	57	100.0
201	Hodgkin's Disease	35	76.1	0	0.0	11	23.9	0	0.0	0	0.0	0	0.0	46	100.0
202	Oth. Lymphoma	41	60.3	0	0.0	27	39.7	0	0.0	0	0.0	0	0.0	68	100.0
203	Mult. Myeloma	3	10.0	0	0.0	1	3.3	0	0.0	25	83.3	1	3.3	30	100.0
204	Leuk. Lymphatic	1	1.6	0	0.0	1	1.6	2	3.1	60	93.8	0	0.0	64	100.0
205	Leuk. Myelocytic	3	2.8	0	0.0	0	0.0	2	1.9	101	95.3	0	0.0	106	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	1	99.9	0	0.0	0	0.0	1	100.0
	All Sites	6151	83.3	119	1.6	633	8.6	5	0.1	187	2.5	288	3.9	7383	100.00

**Table: CHG - 4(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Broad Treatment Group
1984 - 89 - Males
Chandigarh**

ICD-9	Site	Prior Tmt.		Prior + at RI		Only at RI		No CDT*		Total	
		#	%	#	%	#	%	#	%	#	%
140	Lip	1	10.0	0	0.0	6	60.0	3	30.0	10	100.0
141	Tongue	2	0.5	7	1.7	329	82.0	63	15.7	401	100.0
142	Salivary Glands	4	6.3	4	6.3	43	68.3	12	19.0	63	100.0
143	Gum	0	0.0	1	2.1	32	68.1	14	29.8	47	100.0
144	Floor Of Mouth	0	0.0	2	9.1	14	63.6	6	27.3	22	100.0
145	Other Mouth	2	1.4	1	0.7	101	73.2	34	24.6	138	100.0
146	Oropharynx	1	0.5	0	0.0	174	84.1	32	15.5	207	100.0
147	Nasopharynx	0	0.0	0	0.0	50	73.5	18	26.5	68	100.0
148	Hypopharynx	6	2.0	4	1.3	228	74.5	68	22.2	306	100.0
149	Pharynx Etc.	0	0.0	0	0.0	27	71.1	11	28.9	38	100.0
150	Oesophagus	7	1.5	5	1.1	307	66.3	144	31.1	463	100.0
151	Stomach	2	0.9	4	1.8	126	58.1	85	39.2	217	100.0
152	Small Intes.	1	7.1	1	7.1	9	64.3	3	21.4	14	100.0
153	Colon	9	8.1	10	9.0	73	65.8	19	17.1	111	100.0
154	Rectum	9	3.7	13	5.4	144	59.8	75	31.1	241	100.0
155	Liver	0	0.0	1	1.4	23	33.3	45	65.2	69	100.0
156	Gall Bladder	2	2.7	1	1.4	39	52.7	32	43.2	74	100.0
157	Pancreas	0	0.0	3	4.9	33	54.1	25	41.0	61	100.0
158	Retroperit.	0	0.0	1	4.3	16	69.6	6	26.1	23	100.0
159	Other Dig. Sys.	0	0.0	0	0.0	1	20.0	4	80.0	5	100.0
160	Nasal Cavity	1	0.8	3	2.5	90	75.0	26	21.7	120	100.0
161	Larynx	8	1.9	13	3.0	335	78.1	73	17.0	429	100.0
162	Lung	3	0.4	7	0.9	568	74.5	184	24.1	762	100.0
163	Pleura	0	0.0	0	0.0	5	50.0	5	50.0	10	100.0
164	Thymus	0	0.0	1	11.1	6	66.7	2	22.2	9	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	4	3.8	7	6.6	68	64.2	27	25.5	106	100.0
171	Conn. Tiss.	14	9.2	31	20.3	88	57.5	20	13.1	153	100.0
172	Skin Melanoma	7	35.0	3	15.0	7	35.0	3	15.0	20	100.0
173	Skin Other	15	9.1	12	7.3	109	66.1	29	17.6	165	100.0
175	Breast Male	4	12.5	9	28.1	9	28.1	10	31.3	32	100.0
185	Prostate	6	3.7	16	9.8	124	76.1	17	10.4	163	100.0
186	Testis	34	23.0	63	42.6	37	25.0	14	9.5	148	100.0
187	Penis Etc.	19	14.4	24	18.2	68	51.5	21	15.9	132	100.0
188	Uri. Bladder	7	4.1	18	10.5	127	73.8	20	11.6	172	100.0
189	Kidney	5	4.9	12	11.8	68	66.7	17	16.7	102	100.0
190	Eye	5	7.0	6	8.5	46	64.8	14	19.7	71	100.0
191	Brain	0	0.0	9	2.5	281	79.2	65	18.3	355	100.0
192	Nervous Sy.	0	0.0	0	0.0	17	85.0	3	15.0	20	100.0
193	Thyroid Gland	4	7.1	3	5.4	35	62.5	14	25.0	56	100.0
194	Oth. Endo. Glands	0	0.0	2	18.2	5	45.5	4	36.4	11	100.0
195	Ill Def. Site	1	2.3	0	0.0	13	30.2	29	67.4	43	100.0
196	Sec. Lymph Node	1	0.7	2	1.5	80	58.4	54	39.4	137	100.0
197	Sec. Res. Etc.	1	1.1	0	0.0	20	22.5	68	76.4	89	100.0
198	Sec. Other	0	0.0	2	2.8	50	69.4	20	27.8	72	100.0
199	Prim. Unknown	0	0.0	0	0.0	1	50.0	1	50.0	2	100.0
200	Lymphosarcoma	4	2.4	10	6.0	126	75.9	26	15.7	166	100.0
201	Hodgkin's Disease	4	2.6	8	5.1	117	75.0	27	17.3	156	100.0
202	Oth. Lymphoma	3	1.6	10	5.5	147	80.3	23	12.6	183	100.0
203	Multi. Myeloma	0	0.0	3	4.8	51	82.3	8	12.9	62	100.0
204	Leuk. Lymphatic	3	1.4	6	2.8	177	82.3	29	13.5	215	100.0
205	Leuk. Myelocytic	1	0.6	0	0.0	122	76.7	36	22.6	159	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	0	0.0	1	16.7	5	83.3	6	100.0
	All Sites	200	2.9	339	4.9	4776	69.1	1594	23.1	6909	100.0

* : Cancer Directed Treatment

**Table: CHG - 4(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Broad Treatment Group
1984 - 89 - Females
Chandigarh**

ICD-9	Site	Prior Tmt.		Prior+ at RI		Only at RI		No CDT*		Total	
		#	%	#	%	#	%	#	%	#	%
140	Lip	0	0.0	1	12.5	4	50.0	3	37.5	8	100.0
141	Tongue	1	1.1	1	1.1	67	75.3	20	22.5	89	100.0
142	Salivary Glands	0	0.0	5	18.5	19	70.4	3	11.1	27	100.0
143	Gum	0	0.0	0	0.0	21	80.8	5	19.2	26	100.0
144	Floor Of Mouth	0	0.0	0	0.0	4	80.0	1	20.0	5	100.0
145	Other Mouth	4	5.3	1	1.3	42	56.0	28	37.3	75	100.0
146	Oropharynx	0	0.0	1	2.9	23	65.7	11	31.4	35	100.0
147	Nasopharynx	0	0.0	0	0.0	13	65.0	7	35.0	20	100.0
148	Hypopharynx	2	1.3	1	0.7	115	75.2	35	22.9	153	100.0
149	Pharynx Etc.	0	0.0	0	0.0	19	79.2	5	20.8	24	100.0
150	Oesophagus	4	1.1	2	0.5	251	67.5	115	30.9	372	100.0
151	Stomach	2	2.6	2	2.6	42	55.3	30	39.5	76	100.0
152	Small Intes.	1	10.0	0	0.0	5	50.0	4	40.0	10	100.0
153	Colon	5	8.9	5	8.9	41	73.2	5	8.9	56	100.0
154	Rectum	2	2.0	1	1.0	65	65.0	32	32.0	100	100.0
155	Liver	0	0.0	0	0.0	7	43.8	9	56.3	16	100.0
156	Gall Bladder	4	2.6	8	5.1	62	39.7	82	52.6	156	100.0
157	Pancreas	1	2.1	0	0.0	36	76.6	10	21.3	47	100.0
158	Retroperit.	0	0.0	1	9.1	7	63.6	3	27.3	11	100.0
159	Other Dig. Sys.	0	0.0	0	0.0	1	20.0	4	80.0	5	100.0
160	Nasal Cavity	1	1.3	2	2.5	50	63.3	26	32.9	79	100.0
161	Larynx	0	0.0	3	5.3	44	77.2	10	17.5	57	100.0
162	Lung	1	0.9	1	0.9	84	74.3	27	23.9	113	100.0
163	Pleura	0	0.0	0	0.0	4	57.1	3	42.9	7	100.0
164	Thymus	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	3	5.7	4	7.5	34	64.2	12	22.6	53	100.0
171	Conn. Tiss.	8	9.4	9	10.6	49	57.6	19	22.4	85	100.0
172	Skin Melanoma	2	25.0	2	25.0	2	25.0	2	25.0	8	100.0
173	Skin Other	5	5.6	10	11.1	57	63.3	18	20.0	90	100.0
174	Breast	101	8.9	344	30.4	547	48.3	140	12.4	1132	100.0
179	Uterus Nos.	0	0.0	0	0.0	0	0.0	1	100.0	1	100.0
180	Cervix	55	1.9	348	11.8	1960	66.7	576	19.6	2939	100.0
181	Placenta	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
182	Body Uterus	12	8.0	28	18.7	91	60.7	19	12.7	150	100.0
183	Ovary	30	9.9	53	17.5	178	58.9	41	13.6	302	100.0
184	Vagina	4	6.3	6	9.4	36	56.3	18	28.1	64	100.0
188	Uri. Bladder	0	0.0	3	8.1	29	78.4	5	13.5	37	100.0
189	Kidney	7	16.7	4	9.5	23	54.8	8	19.0	42	100.0
190	Eye	3	7.7	4	10.3	27	69.2	5	12.8	39	100.0
191	Brain	0	0.0	5	3.1	133	81.6	25	15.3	163	100.0
192	Nervous Sy.	1	8.3	0	0.0	7	58.3	4	33.3	12	100.0
193	Thyroid Gland	7	7.1	5	5.1	65	65.7	22	22.2	99	100.0
194	Oth. Endo. Glands	0	0.0	0	0.0	4	100.0	0	0.0	4	100.0
195	Ill Def. Site	1	2.2	2	4.4	12	26.7	30	66.7	45	100.0
196	Sec. Lymph Node	0	0.0	0	0.0	26	56.5	20	43.5	46	100.0
197	Sec. Res. Etc.	0	0.0	0	0.0	23	26.1	65	73.9	88	100.0
198	Sec. Other	0	0.0	0	0.0	33	75.0	11	25.0	44	100.0
199	Prim. Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
200	Lymphosarcoma	0	0.0	4	7.0	41	71.9	12	21.1	57	100.0
201	Hodgkin's Disease	0	0.0	1	2.2	39	84.8	6	13.0	46	100.0
202	Oth. Lymphoma	1	1.5	1	1.5	54	79.4	12	17.6	68	100.0
203	Multi. Myeloma	0	0.0	0	0.0	30	100.0	0	0.0	30	100.0
204	Leuk. Lymphatic	1	1.6	1	1.6	52	81.3	10	15.6	64	100.0
205	Leuk. Myelocytic	0	0.0	3	2.8	88	83.0	15	14.2	106	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	1	100.0	1	100.0
	All Sites	269	3.6	872	11.8	4667	63.2	1575	21.3	7383	100.0

* : Cancer Directed Treatment

Table: CHG - 5(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease (Excluding the Cancers Previously Treated)
1984 - 89 - Males
Chandigarh

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	3	33.3	6	66.7	0	0.0	0	0.0	0	0.0	9	100.0
141	Tongue	39	9.9	352	89.8	1	0.3	0	0.0	0	0.0	392	100.0
142	Salivary Glands	13	23.6	40	72.7	2	3.6	0	0.0	0	0.0	55	100.0
143	Gum	5	10.9	40	87.0	1	2.2	0	0.0	0	0.0	46	100.0
144	Floor of Mouth	0	0.0	18	90.0	2	10.0	0	0.0	0	0.0	20	100.0
145	Other Mouth	24	17.8	111	82.2	0	0.0	0	0.0	0	0.0	135	100.0
146	Oropharynx	9	4.4	195	94.7	2	1.0	0	0.0	0	0.0	206	100.0
147	Nasopharynx	2	2.9	62	91.2	4	5.9	0	0.0	0	0.0	68	100.0
148	Hypopharynx	8	2.7	286	96.6	2	0.7	0	0.0	0	0.0	296	100.0
149	Pharynx Etc.	0	0.0	38	100.0	0	0.0	0	0.0	0	0.0	38	100.0
150	Oesophagus	26	5.8	393	87.1	32	7.1	0	0.0	0	0.0	451	100.0
151	Stomach	7	3.3	141	66.8	63	29.9	0	0.0	0	0.0	211	100.0
152	Small Intes.	0	0.0	11	91.7	1	8.3	0	0.0	0	0.0	12	100.0
153	Colon	4	4.3	68	73.9	20	21.7	0	0.0	0	0.0	92	100.0
154	Rectum	12	5.5	167	76.3	40	18.3	0	0.0	0	0.0	219	100.0
155	Liver	8	11.8	46	67.6	2	2.9	0	0.0	12	17.6	68	100.0
156	Gall Bladder	3	4.2	40	56.3	28	39.4	0	0.0	0	0.0	71	100.0
157	Pancreas	1	1.7	37	63.8	20	34.5	0	0.0	0	0.0	58	100.0
158	Retroperito.	0	0.0	20	90.9	2	9.1	0	0.0	0	0.0	22	100.0
159	Other Dig. Sys.	0	0.0	2	40.0	3	60.0	0	0.0	0	0.0	5	100.0
160	Nasal Cavity	11	9.5	101	87.1	4	3.4	0	0.0	0	0.0	116	100.0
161	Larynx	45	11.0	360	88.2	2	0.5	1	0.2	0	0.0	408	100.0
162	Lung	23	3.1	468	62.2	261	34.7	0	0.0	0	0.0	752	100.0
163	Pleura	0	0.0	8	80.0	2	20.0	0	0.0	0	0.0	10	100.0
164	Thymus	0	0.0	3	37.5	4	50.0	0	0.0	1	12.5	8	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	10	10.5	77	81.1	8	8.4	0	0.0	0	0.0	95	100.0
171	Conn. Tiss.	9	8.3	92	85.2	7	6.5	0	0.0	0	0.0	108	100.0
172	Skin Melanoma	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0	10	100.0
173	Skin Other	36	26.1	100	72.5	2	1.4	0	0.0	0	0.0	138	100.0
175	Breast Male	3	15.8	12	63.2	4	21.1	0	0.0	0	0.0	19	100.0
185	Prostate	26	18.4	82	58.2	33	23.4	0	0.0	0	0.0	141	100.0
186	Testis	8	15.7	33	64.7	10	19.6	0	0.0	0	0.0	51	100.0
187	Penis Etc.	6	6.7	83	93.3	0	0.0	0	0.0	0	0.0	89	100.0
188	Uri. Bladder	22	15.0	120	81.6	3	2.0	1	0.7	1	0.7	147	100.0
189	Kidney	8	9.4	60	70.6	17	20.0	0	0.0	0	0.0	85	100.0
190	Eye	8	13.3	50	83.3	2	3.3	0	0.0	0	0.0	60	100.0
191	Brain	109	31.5	234	67.6	2	0.6	0	0.0	1	0.3	346	100.0
192	Nervous Sy.	4	20.0	16	80.0	0	0.0	0	0.0	0	0.0	20	100.0
193	Thyroid Gland	3	6.1	37	75.5	9	18.4	0	0.0	0	0.0	49	100.0
194	Oth. Endo. Glands	2	22.2	4	44.4	3	33.3	0	0.0	0	0.0	9	100.0
195	Ill Def. Site	3	7.1	16	38.1	8	19.0	0	0.0	15	35.7	42	100.0
196	Sec. Lymph Node	0	0.0	129	96.3	3	2.2	0	0.0	2	1.5	134	100.0
197	Sec. Res. Etc.	0	0.0	2	2.3	85	96.6	0	0.0	1	1.1	88	100.0
198	Sec. Other	0	0.0	2	2.9	68	97.1	0	0.0	0	0.0	70	100.0
199	Prim. Unknown	0	0.0	0	0.0	1	50.0	0	0.0	1	50.0	2	100.0
200	Lymphosarcoma	0	0.0	0	0.0	0	0.0	152	100.0	0	0.0	152	100.0
201	Hodgkin's Disease	0	0.0	0	0.0	0	0.0	144	100.0	0	0.0	144	100.0
202	Oth. Lymphoma	0	0.0	0	0.0	0	0.0	170	100.0	0	0.0	170	100.0
203	Mult. Myeloma	0	0.0	0	0.0	0	0.0	59	100.0	0	0.0	59	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	206	100.0	0	0.0	206	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	158	100.0	0	0.0	158	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	6	100.0	0	0.0	6	100.0
	All Sites	500	7.8	4175	65.5	764	12.0	897	14.1	34	0.5	6370	100.0

**Table: CHG - 5(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease (Excluding the Cancers Previously Treated)
1984 - 89 - Females
Chandigarh**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0	7	100.0
141	Tongue	23	26.4	63	72.4	1	1.1	0	0.0	0	0.0	87	100.0
142	Salivary Glands	6	27.3	15	68.2	1	4.5	0	0.0	0	0.0	22	100.0
143	Gum	3	11.5	23	88.5	0	0.0	0	0.0	0	0.0	26	100.0
144	Floor of Mouth	1	20.0	3	60.0	1	20.0	0	0.0	0	0.0	5	100.0
145	Other Mouth	15	21.4	55	78.6	0	0.0	0	0.0	0	0.0	70	100.0
146	Oropharynx	0	0.0	34	100.0	0	0.0	0	0.0	0	0.0	34	100.0
147	Nasopharynx	1	5.0	16	80.0	3	15.0	0	0.0	0	0.0	20	100.0
148	Hypopharynx	9	6.0	140	93.3	1	0.7	0	0.0	0	0.0	150	100.0
149	Pharynx Etc.	1	4.2	23	95.8	0	0.0	0	0.0	0	0.0	24	100.0
150	Oesophagus	22	6.0	325	88.8	19	5.2	0	0.0	0	0.0	366	100.0
151	Stomach	1	1.4	50	69.4	21	29.2	0	0.0	0	0.0	72	100.0
152	Small Intes.	0	0.0	7	77.8	2	22.2	0	0.0	0	0.0	9	100.0
153	Colon	0	0.0	40	87.0	6	13.0	0	0.0	0	0.0	46	100.0
154	Rectum	4	4.1	83	85.6	10	10.3	0	0.0	0	0.0	97	100.0
155	Liver	1	6.3	11	68.8	1	6.3	0	0.0	3	18.8	16	100.0
156	Gall Bladder	3	2.1	47	32.6	93	64.6	0	0.0	1	0.7	144	100.0
157	Pancreas	1	2.2	27	58.7	17	37.0	0	0.0	1	2.2	46	100.0
158	Retroperito.	0	0.0	9	90.0	1	10.0	0	0.0	0	0.0	10	100.0
159	Other Dig. Sys.	0	0.0	3	60.0	1	20.0	0	0.0	1	20.0	5	100.0
160	Nasal Cavity	4	5.3	69	90.8	3	3.9	0	0.0	0	0.0	76	100.0
161	Larynx	4	7.4	50	92.6	0	0.0	0	0.0	0	0.0	54	100.0
162	Lung	5	4.5	62	55.9	44	39.6	0	0.0	0	0.0	111	100.0
163	Pleura	0	0.0	5	71.4	2	28.6	0	0.0	0	0.0	7	100.0
164	Thymus	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	1	2.2	41	89.1	4	8.7	0	0.0	0	0.0	46	100.0
171	Conn. Tiss.	5	7.4	58	85.3	5	7.4	0	0.0	0	0.0	68	100.0
172	Skin Melanoma	1	25.0	3	75.0	0	0.0	0	0.0	0	0.0	4	100.0
173	Skin Other	29	38.7	45	60.0	1	1.3	0	0.0	0	0.0	75	100.0
174	Breast Female	98	14.3	491	71.5	98	14.3	0	0.0	0	0.0	687	100.0
179	Uterus Nos.	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
180	Cervix	95	3.7	2394	94.4	44	1.7	3	0.1	0	0.0	2536	100.0
181	Placenta	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
182	Body Uterus	49	44.5	56	50.9	5	4.5	0	0.0	0	0.0	110	100.0
183	Ovary	33	15.1	129	58.9	56	25.6	0	0.0	1	0.5	219	100.0
184	Vagina	7	13.0	43	79.6	4	7.4	0	0.0	0	0.0	54	100.0
188	Uri. Bladder	7	20.6	26	76.5	1	2.9	0	0.0	0	0.0	34	100.0
189	Kidney	3	9.7	21	67.7	7	22.6	0	0.0	0	0.0	31	100.0
190	Eye	5	15.6	27	84.4	0	0.0	0	0.0	0	0.0	32	100.0
191	Brain	57	36.1	100	63.3	1	0.6	0	0.0	0	0.0	158	100.0
192	Nervous Sy.	2	18.2	9	81.8	0	0.0	0	0.0	0	0.0	11	100.0
193	Thyroid Gland	11	12.6	67	77.0	9	10.3	0	0.0	0	0.0	87	100.0
194	Oth. Endo. Glands	0	0.0	2	50.0	2	50.0	0	0.0	0	0.0	4	100.0
195	Ill Def. Site	1	2.4	17	40.5	16	38.1	0	0.0	8	19.0	42	100.0
196	Sec. Lymph Node	0	0.0	45	97.8	1	2.2	0	0.0	0	0.0	46	100.0
197	Sec. Res. Etc.	0	0.0	2	2.3	85	96.6	0	0.0	1	1.1	88	100.0
198	Sec. Other	0	0.0	1	2.3	43	97.7	0	0.0	0	0.0	44	100.0
199	Prim. Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
200	Lymphosarcoma	0	0.0	0	0.0	0	0.0	53	100.0	0	0.0	53	100.0
201	Hodgkin's Disease	0	0.0	1	2.2	0	0.0	44	97.8	0	0.0	45	100.0
202	Oth. Lymphoma	0	0.0	0	0.0	0	0.0	66	100.0	0	0.0	66	100.0
203	Mult. Myeloma	0	0.0	0	0.0	0	0.0	30	100.0	0	0.0	30	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	62	100.0	0	0.0	62	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	103	100.0	0	0.0	103	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0
	All Sites	508	8.1	4747	76.0	609	9.8	362	5.8	16	0.3	6242	100.0

Table: CHG - 6(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Type of Treatment at Reporting Institution (Excluding the Cancers Previously Treated) 1984 - 89 - Males

R-Therapy = Radiotherapy, C-Therapy = Chemotherapy

Chandigarh

ICD-9 Site	Surgery (S)		R-Therapy (R)		C-Therapy (C)		S+R		S+C		R+C		S+R+C		Others		Unknown		Total	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	0	0.0	5	83.3	0	0.0	1	16.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6	100.0
141	4	1.2	292	88.8	1	0.3	12	3.6	0	0.0	15	4.6	4	1.2	0	0.0	1	0.3	329	100.0
142	8	18.6	18	41.9	2	4.7	13	30.2	0	0.0	0	0.0	2	4.7	0	0.0	0	0.0	43	100.0
143	1	3.1	23	71.9	0	0.0	6	18.8	0	0.0	2	6.3	0	0.0	0	0.0	0	0.0	32	100.0
144	0	0.0	13	92.9	0	0.0	0	0.0	0	0.0	1	7.1	0	0.0	0	0.0	0	0.0	14	100.0
145	6	5.9	73	72.3	0	0.0	17	16.8	0	0.0	5	5.0	0	0.0	0	0.0	0	0.0	101	100.0
146	2	1.1	156	89.7	0	0.0	4	2.3	0	0.0	10	5.7	1	0.6	1	0.6	0	0.0	174	100.0
147	1	2.0	39	78.0	1	2.0	0	0.0	0	0.0	8	16.0	1	2.0	0	0.0	0	0.0	50	100.0
148	14	6.1	168	73.7	1	0.4	39	17.1	1	0.4	4	1.8	1	0.4	0	0.0	0	0.0	228	100.0
149	2	7.4	25	92.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	27	100.0
150	56	18.2	172	56.0	22	7.2	24	7.8	20	6.5	9	2.9	4	1.3	0	0.0	0	0.0	307	100.0
151	73	57.9	4	3.2	28	22.2	1	0.8	16	12.7	0	0.0	4	3.2	0	0.0	0	0.0	126	100.0
152	4	44.4	0	0.0	1	11.1	1	11.1	3	33.3	0	0.0	0	0.0	0	0.0	0	0.0	9	100.0
153	45	61.6	0	0.0	4	5.5	7	9.6	14	19.2	1	1.4	2	2.7	0	0.0	0	0.0	73	100.0
154	44	30.6	31	21.5	5	3.5	41	28.5	9	6.3	2	1.4	11	7.6	1	0.7	0	0.0	144	100.0
155	4	17.4	1	4.3	18	78.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	23	100.0
156	30	76.9	0	0.0	4	10.3	1	2.6	3	7.7	1	2.6	0	0.0	0	0.0	0	0.0	39	100.0
157	23	69.7	0	0.0	3	9.1	2	6.1	4	12.1	0	0.0	1	3.0	0	0.0	0	0.0	33	100.0
158	6	37.5	1	6.3	3	18.8	2	12.5	2	12.5	0	0.0	2	12.5	0	0.0	0	0.0	16	100.0
159	1	100.0	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	100.0
160	2	2.2	63	70.0	0	0.0	20	22.2	0	0.0	4	4.4	1	1.1	0	0.0	0	0.0	90	100.0
161	17	5.1	163	48.7	0	0.0	151	45.1	0	0.0	4	1.2	0	0.0	0	0.0	0	0.0	335	100.0
162	4	0.7	421	74.1	37	6.5	7	1.2	0	0.0	98	17.3	1	0.2	0	0.0	0	0.0	568	100.0
163	0	0.0	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	100.0
164	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	66.7	2	33.3	0	0.0	0	0.0	6	100.0
165	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	9	13.2	4	5.9	4	5.9	13	19.1	13	19.1	21	30.9	4	5.9	0	0.0	0	0.0	68	100.0
171	37	42.0	10	11.4	2	2.3	22	25.0	4	4.5	11	12.5	2	2.3	0	0.0	0	0.0	88	100.0
172	4	57.1	0	0.0	0	0.0	3	42.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	100.0
173	60	55.0	29	26.6	1	0.9	18	16.5	0	0.0	0	0.0	1	0.9	0	0.0	0	0.0	109	100.0
175	2	22.2	0	0.0	0	0.0	3	33.3	0	0.0	0	0.0	0	0.0	4	44.4	0	0.0	9	100.0
185	36	29.0	2	1.6	2	1.6	4	3.2	0	0.0	1	0.8	0	0.0	78	62.9	1	0.8	124	100.0
186	10	27.0	1	2.7	2	5.4	9	24.3	9	24.3	1	2.7	5	13.5	0	0.0	0	0.0	37	100.0
187	44	64.7	6	8.8	0	0.0	11	16.2	0	0.0	0	0.0	4	5.9	3	4.4	0	0.0	68	100.0
188	37	29.1	14	11.0	1	0.8	67	52.8	4	3.1	2	1.6	1	0.8	1	0.8	0	0.0	127	100.0
189	24	35.3	1	1.5	2	2.9	13	19.1	14	20.6	0	0.0	5	7.4	9	13.2	0	0.0	68	100.0
190	10	21.7	3	6.5	1	2.2	10	21.7	2	4.3	2	4.3	18	39.1	0	0.0	0	0.0	46	100.0
191	11	3.9	4	1.4	0	0.0	166	59.1	17	6.0	2	0.7	81	28.8	0	0.0	0	0.0	281	100.0
192	4	23.5	0	0.0	0	0.0	11	64.7	0	0.0	0	0.0	2	11.8	0	0.0	0	0.0	17	100.0
193	15	42.9	0	0.0	2	5.7	6	17.1	1	2.9	0	0.0	0	0.0	11	31.4	0	0.0	35	100.0
194	0	0.0	0	0.0	1	20.0	3	60.0	1	20.0	0	0.0	0	0.0	0	0.0	0	0.0	5	100.0
195	3	23.1	2	15.4	3	23.1	1	7.7	2	15.4	0	0.0	2	15.4	0	0.0	0	0.0	13	100.0
196	1	1.3	54	67.5	8	10.0	1	1.3	0	0.0	15	18.8	1	1.3	0	0.0	0	0.0	80	100.0
197	0	0.0	2	10.0	16	80.0	0	0.0	2	10.0	0	0.0	0	0.0	0	0.0	0	0.0	20	100.0
198	5	10.0	19	38.0	2	4.0	11	22.0	3	6.0	5	10.0	4	8.0	1	2.0	0	0.0	50	100.0
199	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
200	1	0.8	3	2.4	76	60.3	1	0.8	6	4.8	36	28.6	3	2.4	0	0.0	0	0.0	126	100.0
201	1	0.9	15	12.8	65	55.6	0	0.0	1	0.9	33	28.2	2	1.7	0	0.0	0	0.0	117	100.0
202	1	0.7	6	4.1	78	53.1	1	0.7	10	6.8	43	29.3	8	5.4	0	0.0	0	0.0	147	100.0
203	0	0.0	2	3.9	16	31.4	2	3.9	2	3.9	23	45.1	6	11.8	0	0.0	0	0.0	51	100.0
204	0	0.0	1	0.6	77	43.5	0	0.0	0	0.0	99	55.9	0	0.0	0	0.0	0	0.0	177	100.0
205	0	0.0	0	0.0	112	91.8	0	0.0	0	0.0	10	8.2	0	0.0	0	0.0	0	0.0	122	100.0
206	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
All	662	13.9	1850	38.7	607	12.7	725	15.2	163	3.4	472	9.9	186	3.9	109	2.3	2	0.0	4776	100.0

Table: CHG - 6(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Type of Treatment at Reporting Institution (Excluding the Cancers Previously Treated) 1984 - 89 - Females

R-Therapy = Radiotherapy, C-Therapy = Chemotherapy

Chandigarh

ICD-9 Site	Surgery (S)		R-Therapy (R)		C-Therapy (C)		S+R		S+C		R+C		S+R+C		Others		Unknown		Total	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	0	0.0	2	50.0	0	0.0	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	100.0
141	1	1.5	54	80.6	0	0.0	7	10.4	0	0.0	5	7.5	0	0.0	0	0.0	0	0.0	67	100.0
142	3	15.8	5	26.3	0	0.0	11	57.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	19	100.0
143	0	0.0	13	61.9	0	0.0	8	38.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	21	100.0
144	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	100.0
145	2	4.8	24	57.1	0	0.0	15	35.7	0	0.0	0	0.0	1	2.4	0	0.0	0	0.0	42	100.0
146	0	0.0	17	73.9	0	0.0	0	0.0	0	0.0	6	26.1	0	0.0	0	0.0	0	0.0	23	100.0
147	0	0.0	10	76.9	1	7.7	1	7.7	0	0.0	1	7.7	0	0.0	0	0.0	0	0.0	13	100.0
148	20	17.4	65	56.5	0	0.0	29	25.2	0	0.0	0	0.0	0	0.0	1	0.9	0	0.0	115	100.0
149	2	10.5	14	73.7	0	0.0	3	15.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	19	100.0
150	59	23.5	144	57.4	13	5.2	19	7.6	6	2.4	8	3.2	2	0.8	0	0.0	0	0.0	251	100.0
151	26	61.9	0	0.0	3	7.1	3	7.1	9	21.4	0	0.0	1	2.4	0	0.0	0	0.0	42	100.0
152	3	60.0	0	0.0	0	0.0	0	0.0	2	40.0	0	0.0	0	0.0	0	0.0	0	0.0	5	100.0
153	25	61.0	1	2.4	5	12.2	1	2.4	9	22.0	0	0.0	0	0.0	0	0.0	0	0.0	41	100.0
154	20	30.8	12	18.5	1	1.5	28	43.1	1	1.5	0	0.0	3	4.6	0	0.0	0	0.0	65	100.0
155	1	14.3	0	0.0	6	85.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	100.0
156	37	59.7	1	1.6	11	17.7	0	0.0	11	17.7	1	1.6	1	1.6	0	0.0	0	0.0	62	100.0
157	29	80.6	1	2.8	3	8.3	1	2.8	2	5.6	0	0.0	0	0.0	0	0.0	0	0.0	36	100.0
158	4	57.1	0	0.0	0	0.0	3	42.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	100.0
159	1	100.0	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	100.0
160	1	2.0	36	72.0	1	2.0	12	24.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	50	100.0
161	7	15.9	21	47.7	0	0.0	15	34.1	0	0.0	1	2.3	0	0.0	0	0.0	0	0.0	44	100.0
162	1	1.2	50	59.5	10	11.9	2	2.4	0	0.0	21	25.0	0	0.0	0	0.0	0	0.0	84	100.0
163	0	0.0	1	25.0	3	75.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	100.0
164	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
165	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	3	8.8	3	8.8	4	11.8	5	14.7	5	14.7	12	35.3	2	5.9	0	0.0	0	0.0	34	100.0
171	18	36.7	3	6.1	4	8.2	11	22.4	3	6.1	6	12.2	4	8.2	0	0.0	0	0.0	49	100.0
172	1	50.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
173	26	45.6	14	24.6	1	1.8	15	26.3	1	1.8	0	0.0	0	0.0	0	0.0	0	0.0	57	100.0
174	21	3.8	3	0.5	9	1.6	198	36.2	4	0.7	7	1.3	133	24.3	172	31.4	0	0.0	547	100.0
179	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
180	4	0.2	1925	98.2	1	0.1	14	0.7	0	0.0	16	0.8	0	0.0	0	0.0	0	0.0	1960	100.0
181	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
182	6	6.6	16	17.6	1	1.1	51	56.0	3	3.3	2	2.2	6	6.6	6	6.6	0	0.0	91	100.0
183	38	21.3	1	0.6	41	23.0	15	8.4	51	28.7	2	1.1	24	13.5	6	3.4	0	0.0	178	100.0
184	3	8.3	31	86.1	0	0.0	1	2.8	0	0.0	1	2.8	0	0.0	0	0.0	0	0.0	36	100.0
188	14	48.3	2	6.9	0	0.0	12	41.4	1	3.4	0	0.0	0	0.0	0	0.0	0	0.0	29	100.0
189	9	39.1	3	13.0	1	4.3	3	13.0	2	8.7	0	0.0	2	8.7	3	13.0	0	0.0	23	100.0
190	4	14.8	2	7.4	0	0.0	9	33.3	0	0.0	3	11.1	9	33.3	0	0.0	0	0.0	27	100.0
191	7	5.3	2	1.5	1	0.8	80	60.2	12	9.0	0	0.0	31	23.3	0	0.0	0	0.0	133	100.0
192	1	14.3	0	0.0	0	0.0	6	85.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	100.0
193	31	47.7	2	3.1	2	3.1	5	7.7	2	3.1	0	0.0	1	1.5	22	33.8	0	0.0	65	100.0
194	2	50.0	0	0.0	1	25.0	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	4	100.0
195	3	25.0	0	0.0	5	41.7	2	16.7	1	8.3	1	8.3	0	0.0	0	0.0	0	0.0	12	100.0
196	0	0.0	17	65.4	5	19.2	1	3.8	0	0.0	3	11.5	0	0.0	0	0.0	0	0.0	26	100.0
197	1	4.3	0	0.0	20	87.0	0	0.0	0	0.0	0	0.0	0	0.0	2	8.7	0	0.0	23	100.0
198	3	9.1	9	27.3	6	18.2	5	15.2	1	3.0	4	12.1	5	15.2	0	0.0	0	0.0	33	100.0
199	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
200	3	7.3	1	2.4	19	46.3	0	0.0	3	7.3	15	36.6	0	0.0	0	0.0	0	0.0	41	100.0
201	0	0.0	4	10.3	26	66.7	0	0.0	0	0.0	8	20.5	1	2.6	0	0.0	0	0.0	39	100.0
202	0	0.0	3	5.6	25	46.3	3	5.6	1	1.9	22	40.7	0	0.0	0	0.0	0	0.0	54	100.0
203	0	0.0	5	16.7	10	33.3	0	0.0	0	0.0	14	46.7	1	3.3	0	0.0	0	0.0	30	100.0
204	0	0.0	0	0.0	26	50.0	0	0.0	0	0.0	26	50.0	0	0.0	0	0.0	0	0.0	52	100.0
205	0	0.0	2	2.3	80	90.9	0	0.0	0	0.0	6	6.8	0	0.0	0	0.0	0	0.0	88	100.0
206	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
All	440	9.4	2523	54.1	345	7.4	596	12.8	132	2.8	192	4.1	227	4.9	212	4.5	0	0.0	4667	100.0

Table: CHG - 7(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Any Specific Treatment at Reporting Institution (Excluding the Cancers Previously Treated) 1984 - 89 - Males

S = Surgery, R = Radiotherapy, C = Chemotherapy, H =Hormonotherapy

Chandigarh

ICD-9	Site	Any S		Any R		Any C		Any H		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	1	14.3	6	85.7	0	0.0	0	0.0	0	0.0	0	0.0	7	100.0
141	Tongue	20	5.5	323	88.7	20	5.5	0	0.0	0	0.0	1	0.3	364	100.0
142	Salivary Glands	23	38.3	33	55.0	4	6.7	0	0.0	0	0.0	0	0.0	60	100.0
143	Gum	7	17.5	31	77.5	2	5.0	0	0.0	0	0.0	0	0.0	40	100.0
144	Floor of Mouth	0	0.0	14	93.3	1	6.7	0	0.0	0	0.0	0	0.0	15	100.0
145	Other Mouth	23	18.7	95	77.2	5	4.1	0	0.0	0	0.0	0	0.0	123	100.0
146	Oropharynx	7	3.7	172	90.1	11	5.8	1	0.5	0	0.0	0	0.0	191	100.0
147	Nasopharynx	2	3.3	48	80.0	10	16.7	0	0.0	0	0.0	0	0.0	60	100.0
148	Hypopharynx	55	20.1	212	77.4	7	2.6	0	0.0	0	0.0	0	0.0	274	100.0
149	Pharynx Etc.	2	7.4	25	92.6	0	0.0	0	0.0	0	0.0	0	0.0	27	100.0
150	Oesophagus	104	28.3	209	56.8	55	14.9	0	0.0	0	0.0	0	0.0	368	100.0
151	Stomach	94	62.3	9	6.0	48	31.8	0	0.0	0	0.0	0	0.0	151	100.0
152	Small Intes.	8	61.5	1	7.7	4	30.8	0	0.0	0	0.0	0	0.0	13	100.0
153	Colon	68	68.7	10	10.1	21	21.2	0	0.0	0	0.0	0	0.0	99	100.0
154	Rectum	106	48.4	85	38.8	27	12.3	1	0.5	0	0.0	0	0.0	219	100.0
155	Liver	4	17.4	1	4.3	18	78.3	0	0.0	0	0.0	0	0.0	23	100.0
156	Gall Bladder	34	77.3	2	4.5	8	18.2	0	0.0	0	0.0	0	0.0	44	100.0
157	Pancreas	30	73.2	3	7.3	8	19.5	0	0.0	0	0.0	0	0.0	41	100.0
158	Retroperito.	12	50.0	5	20.8	7	29.2	0	0.0	0	0.0	0	0.0	24	100.0
159	Other Dig. Sys.	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
160	Nasal Cavity	23	19.8	88	75.9	5	4.3	0	0.0	0	0.0	0	0.0	116	100.0
161	Larynx	168	34.3	318	64.9	4	0.8	0	0.0	0	0.0	0	0.0	490	100.0
162	Lung	12	1.8	527	78.1	136	20.1	0	0.0	0	0.0	0	0.0	675	100.0
163	Pleura	0	0.0	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0	5	100.0
164	Thymus	2	14.3	6	42.9	6	42.9	0	0.0	0	0.0	0	0.0	14	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	39	31.7	42	34.1	42	34.1	0	0.0	0	0.0	0	0.0	123	100.0
171	Conn. Tiss.	65	50.4	45	34.9	19	14.7	0	0.0	0	0.0	0	0.0	129	100.0
172	Skin Melanoma	7	70.0	3	30.0	0	0.0	0	0.0	0	0.0	0	0.0	10	100.0
173	Skin Other	79	61.2	48	37.2	2	1.6	0	0.0	0	0.0	0	0.0	129	100.0
175	Breast Male	7	38.9	7	38.9	0	0.0	4	22.2	0	0.0	0	0.0	18	100.0
185	Prostate	69	37.3	32	17.3	5	2.7	78	42.2	0	0.0	1	0.5	185	100.0
186	Testis	33	50.0	16	24.2	17	25.8	0	0.0	0	0.0	0	0.0	66	100.0
187	Penis Etc.	62	68.9	21	23.3	4	4.4	3	3.3	0	0.0	0	0.0	90	100.0
188	Uri. Bladder	110	53.9	85	41.7	8	3.9	1	0.5	0	0.0	0	0.0	204	100.0
189	Kidney	62	54.4	21	18.4	22	19.3	9	7.9	0	0.0	0	0.0	114	100.0
190	Eye	40	41.7	33	34.4	23	24.0	0	0.0	0	0.0	0	0.0	96	100.0
191	Brain	275	43.8	253	40.3	100	15.9	0	0.0	0	0.0	0	0.0	628	100.0
192	Nervous Sy.	17	53.1	13	40.6	2	6.3	0	0.0	0	0.0	0	0.0	32	100.0
193	Thyroid Gland	30	51.7	14	24.1	3	5.2	11	19.0	0	0.0	0	0.0	58	100.0
194	Oth. Endo. Glands	4	44.4	3	33.3	2	22.2	0	0.0	0	0.0	0	0.0	9	100.0
195	Ill Def. Site	8	40.0	5	25.0	7	35.0	0	0.0	0	0.0	0	0.0	20	100.0
196	Sec. Lymph Node	3	3.1	71	72.4	24	24.5	0	0.0	0	0.0	0	0.0	98	100.0
197	Sec. Res. Etc.	2	9.1	2	9.1	18	81.8	0	0.0	0	0.0	0	0.0	22	100.0
198	Sec. Other	23	29.5	40	51.3	14	17.9	1	1.3	0	0.0	0	0.0	78	100.0
199	Prim. Unknown	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
200	Lymphosarcoma	11	6.3	43	24.6	121	69.1	0	0.0	0	0.0	0	0.0	175	100.0
201	Hodgkin's Disease	4	2.6	50	32.3	101	65.2	0	0.0	0	0.0	0	0.0	155	100.0
202	Oth. Lymphoma	20	9.2	58	26.7	139	64.1	0	0.0	0	0.0	0	0.0	217	100.0
203	Mult. Myeloma	10	11.1	33	36.7	47	52.2	0	0.0	0	0.0	0	0.0	90	100.0
204	Leuk. Lymphatic	0	0.0	100	36.2	176	63.8	0	0.0	0	0.0	0	0.0	276	100.0
205	Leuk. Myelocytic	0	0.0	10	7.6	122	92.4	0	0.0	0	0.0	0	0.0	132	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
	All Sites	1786	27.0	3275	49.6	1431	21.7	109	1.7	0	0.0	2	0.0	6603	100.0

Table: CHG - 7(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Any Specific Treatment at Reporting Institution (Excluding the Cancers Previously Treated) 1984 - 89 - Females

S = Surgery, R = Radiotherapy, C = Chemotherapy, H =Hormonotherapy

Chandigarh

ICD-9	Site	Any S		Any R		Any C		Any H		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	2	33.3	4	66.7	0	0.0	0	0.0	0	0.0	0	0.0	6	100.0
141	Tongue	8	10.1	66	83.5	5	6.3	0	0.0	0	0.0	0	0.0	79	100.0
142	Salivary Glands	14	46.7	16	53.3	0	0.0	0	0.0	0	0.0	0	0.0	30	100.0
143	Gum	8	27.6	21	72.4	0	0.0	0	0.0	0	0.0	0	0.0	29	100.0
144	Floor of Mouth	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0	0	0.0	4	100.0
145	Other Mouth	18	30.5	40	67.8	1	1.7	0	0.0	0	0.0	0	0.0	59	100.0
146	Oropharynx	0	0.0	23	79.3	6	20.7	0	0.0	0	0.0	0	0.0	29	100.0
147	Nasopharynx	1	6.7	12	80.0	2	13.3	0	0.0	0	0.0	0	0.0	15	100.0
148	Hypopharynx	49	33.8	95	65.5	0	0.0	1	0.7	0	0.0	0	0.0	145	100.0
149	Pharynx Etc.	5	22.7	17	77.3	0	0.0	0	0.0	0	0.0	0	0.0	22	100.0
150	Oesophagus	86	29.9	173	60.1	29	10.1	0	0.0	0	0.0	0	0.0	288	100.0
151	Stomach	39	69.6	4	7.1	13	23.2	0	0.0	0	0.0	0	0.0	56	100.0
152	Small Intes.	5	71.4	0	0.0	2	28.6	0	0.0	0	0.0	0	0.0	7	100.0
153	Colon	35	68.6	2	3.9	14	27.5	0	0.0	0	0.0	0	0.0	51	100.0
154	Rectum	52	52.0	43	43.0	5	5.0	0	0.0	0	0.0	0	0.0	100	100.0
155	Liver	1	14.3	0	0.0	6	85.7	0	0.0	0	0.0	0	0.0	7	100.0
156	Gall Bladder	49	64.5	3	3.9	24	31.6	0	0.0	0	0.0	0	0.0	76	100.0
157	Pancreas	32	82.1	2	5.1	5	12.8	0	0.0	0	0.0	0	0.0	39	100.0
158	Retroperito.	7	70.0	3	30.0	0	0.0	0	0.0	0	0.0	0	0.0	10	100.0
159	Other Dig. Sys.	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
160	Nasal Cavity	13	21.0	48	77.4	1	1.6	0	0.0	0	0.0	0	0.0	62	100.0
161	Larynx	22	36.7	37	61.7	1	1.7	0	0.0	0	0.0	0	0.0	60	100.0
162	Lung	3	2.8	73	68.2	31	29.0	0	0.0	0	0.0	0	0.0	107	100.0
163	Pleura	0	0.0	1	25.0	3	75.0	0	0.0	0	0.0	0	0.0	4	100.0
164	Thymus	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	15	25.0	22	36.7	23	38.3	0	0.0	0	0.0	0	0.0	60	100.0
171	Conn. Tiss.	36	46.8	24	31.2	17	22.1	0	0.0	0	0.0	0	0.0	77	100.0
172	Skin Melanoma	2	66.7	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	3	100.0
173	Skin Other	42	57.5	29	39.7	2	2.7	0	0.0	0	0.0	0	0.0	73	100.0
174	Breast Female	459	34.6	455	34.3	242	18.2	171	12.9	1	0.1	0	0.0	1328	100.0
179	Uterus Nos.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
180	Cervix	18	0.9	1955	98.2	17	0.9	0	0.0	0	0.0	0	0.0	1990	100.0
181	Placenta	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
182	Body Uterus	69	41.3	80	47.9	12	7.2	6	3.6	0	0.0	0	0.0	167	100.0
183	Ovary	132	43.6	43	14.2	122	40.3	6	2.0	0	0.0	0	0.0	303	100.0
184	Vagina	4	10.5	33	86.8	1	2.6	0	0.0	0	0.0	0	0.0	38	100.0
188	Uri. Bladder	27	64.3	14	33.3	1	2.4	0	0.0	0	0.0	0	0.0	42	100.0
189	Kidney	18	52.9	8	23.5	5	14.7	3	8.8	0	0.0	0	0.0	34	100.0
190	Eye	22	38.6	23	40.4	12	21.1	0	0.0	0	0.0	0	0.0	57	100.0
191	Brain	130	45.3	113	39.4	44	15.3	0	0.0	0	0.0	0	0.0	287	100.0
192	Nervous Sy.	7	53.8	6	46.2	0	0.0	0	0.0	0	0.0	0	0.0	13	100.0
193	Thyroid Gland	59	59.6	12	12.1	6	6.1	22	22.2	0	0.0	0	0.0	99	100.0
194	Oth. Endo. Glands	3	60.0	0	0.0	2	40.0	0	0.0	0	0.0	0	0.0	5	100.0
195	Ill Def. Site	6	37.5	3	18.8	7	43.8	0	0.0	0	0.0	0	0.0	16	100.0
196	Sec. Lymph Node	1	3.3	21	70.0	8	26.7	0	0.0	0	0.0	0	0.0	30	100.0
197	Sec. Res. Etc.	1	4.2	1	4.2	20	83.3	1	4.2	1	4.2	0	0.0	24	100.0
198	Sec. Other	14	26.4	23	43.4	16	30.2	0	0.0	0	0.0	0	0.0	53	100.0
199	Prim. Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
200	Lymphosarcoma	6	10.2	16	27.1	37	62.7	0	0.0	0	0.0	0	0.0	59	100.0
201	Hodgkin's Disease	1	2.0	13	26.5	35	71.4	0	0.0	0	0.0	0	0.0	49	100.0
202	Oth. Lymphoma	4	5.0	28	35.0	48	60.0	0	0.0	0	0.0	0	0.0	80	100.0
203	Mult. Myeloma	1	2.2	20	43.5	25	54.3	0	0.0	0	0.0	0	0.0	46	100.0
204	Leuk. Lymphatic	0	0.0	26	33.3	52	66.7	0	0.0	0	0.0	0	0.0	78	100.0
205	Leuk. Myelocytic	0	0.0	8	8.5	86	91.5	0	0.0	0	0.0	0	0.0	94	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	All Sites	1527	23.9	3664	57.3	990	15.5	210	3.3	2	0.0	0	0.0	6393	100.0

**Table: CHG - 8(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Treatment Status at Reporting Institution (Excluding the Cancers Previously Treated)
1984 - 89 - Males
Chandigarh**

ICD-9	Site	Received		Not Received		Not Accepted		Incomplete		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	6	66.7	0	0.0	1	11.1	2	22.2	0	0.0	9	100.0
141	Tongue	329	83.9	5	1.3	39	9.9	19	4.8	0	0.0	392	100.0
142	Salivary Glands	43	78.2	1	1.8	8	14.5	3	5.5	0	0.0	55	100.0
143	Gum	32	69.6	1	2.2	4	8.7	9	19.6	0	0.0	46	100.0
144	Floor of Mouth	14	70.0	2	10.0	2	10.0	2	10.0	0	0.0	20	100.0
145	Other Mouth	101	74.8	0	0.0	10	7.4	24	17.8	0	0.0	135	100.0
146	Oropharynx	174	84.5	2	1.0	19	9.2	11	5.3	0	0.0	206	100.0
147	Nasopharynx	50	73.5	1	1.5	8	11.8	9	13.2	0	0.0	68	100.0
148	Hypopharynx	228	77.0	7	2.4	35	11.8	26	8.8	0	0.0	296	100.0
149	Pharynx Etc.	27	71.1	1	2.6	7	18.4	3	7.9	0	0.0	38	100.0
150	Oesophagus	307	68.1	43	9.5	72	16.0	29	6.4	0	0.0	451	100.0
151	Stomach	126	59.7	47	22.3	31	14.7	7	3.3	0	0.0	211	100.0
152	Small Intes.	9	75.0	1	8.3	2	16.7	0	0.0	0	0.0	12	100.0
153	Colon	73	79.3	7	7.6	7	7.6	4	4.3	1	1.1	92	100.0
154	Rectum	144	65.8	14	6.4	28	12.8	33	15.1	0	0.0	219	100.0
155	Liver	23	33.8	36	52.9	9	13.2	0	0.0	0	0.0	68	100.0
156	Gall Bladder	39	54.9	20	28.2	10	14.1	2	2.8	0	0.0	71	100.0
157	Pancreas	33	56.9	18	31.0	3	5.2	4	6.9	0	0.0	58	100.0
158	Retroperito.	16	72.7	5	22.7	0	0.0	1	4.5	0	0.0	22	100.0
159	Other Dig. Sys.	1	20.0	2	40.0	1	20.0	1	20.0	0	0.0	5	100.0
160	Nasal Cavity	90	77.6	1	0.9	10	8.6	15	12.9	0	0.0	116	100.0
161	Larynx	335	82.1	4	1.0	34	8.3	33	8.1	2	0.5	408	100.0
162	Lung	568	75.5	46	6.1	105	14.0	32	4.3	1	0.1	752	100.0
163	Pleura	5	50.0	4	40.0	1	10.0	0	0.0	0	0.0	10	100.0
164	Thymus	6	75.0	1	12.5	1	12.5	0	0.0	0	0.0	8	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	68	71.6	6	6.3	11	11.6	10	10.5	0	0.0	95	100.0
171	Conn. Tiss.	88	81.5	6	5.6	11	10.2	3	2.8	0	0.0	108	100.0
172	Skin Melanoma	7	70.0	1	10.0	1	10.0	1	10.0	0	0.0	10	100.0
173	Skin Other	109	79.0	5	3.6	16	11.6	8	5.8	0	0.0	138	100.0
175	Breast Male	9	47.4	0	0.0	6	31.6	4	21.1	0	0.0	19	100.0
185	Prostate	124	87.9	4	2.8	7	5.0	6	4.3	0	0.0	141	100.0
186	Testis	37	72.5	1	2.0	2	3.9	11	21.6	0	0.0	51	100.0
187	Penis Etc.	68	76.4	2	2.2	11	12.4	8	9.0	0	0.0	89	100.0
188	Uri. Bladder	127	86.4	3	2.0	5	3.4	12	8.2	0	0.0	147	100.0
189	Kidney	68	80.0	6	7.1	4	4.7	7	8.2	0	0.0	85	100.0
190	Eye	46	76.7	0	0.0	8	13.3	6	10.0	0	0.0	60	100.0
191	Brain	281	81.2	3	0.9	4	1.2	58	16.8	0	0.0	346	100.0
192	Nervous Sy.	17	85.0	0	0.0	0	0.0	3	15.0	0	0.0	20	100.0
193	Thyroid Gland	35	71.4	6	12.2	6	12.2	2	4.1	0	0.0	49	100.0
194	Oth. Endo. Glands	5	55.6	2	22.2	0	0.0	2	22.2	0	0.0	9	100.0
195	Ill Def. Site	13	31.0	23	54.8	4	9.5	2	4.8	0	0.0	42	100.0
196	Sec. Lymph Node	80	59.7	26	19.4	25	18.7	3	2.2	0	0.0	134	100.0
197	Sec. Res. Etc.	20	22.7	57	64.8	10	11.4	1	1.1	0	0.0	88	100.0
198	Sec. Other	50	71.4	6	8.6	6	8.6	8	11.4	0	0.0	70	100.0
199	Prim. Unknown	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0
200	Lymphosarcoma	126	82.9	5	3.3	15	9.9	6	3.9	0	0.0	152	100.0
201	Hodgkin's Disease	117	81.3	6	4.2	15	10.4	6	4.2	0	0.0	144	100.0
202	Oth. Lymphoma	147	86.5	10	5.9	10	5.9	3	1.8	0	0.0	170	100.0
203	Mult. Myeloma	51	86.4	3	5.1	1	1.7	4	6.8	0	0.0	59	100.0
204	Leuk. Lymphatic	177	85.9	11	5.3	8	3.9	10	4.9	0	0.0	206	100.0
205	Leuk. Myelocytic	122	77.2	12	7.6	23	14.6	1	0.6	0	0.0	158	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	1	16.7	3	50.0	2	33.3	0	0.0	0	0.0	6	100.0
	All Sites	4776	75.0	477	7.5	659	10.3	454	7.1	4	0.1	6370	100.0

**Table: CHG - 8(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Treatment Status at Reporting Institution (Excluding the Cancers Previously Treated)
1984 - 89 - Females
Chandigarh**

ICD-9	Site	Received		Not Received		Not Accepted		Incomplete		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	4	57.1	0	0.0	3	42.9	0	0.0	0	0.0	7	100.0
141	Tongue	67	77.0	1	1.1	12	13.8	7	8.0	0	0.0	87	100.0
142	Salivary Glands	19	86.4	1	4.5	1	4.5	1	4.5	0	0.0	22	100.0
143	Gum	21	80.8	0	0.0	2	7.7	3	11.5	0	0.0	26	100.0
144	Floor of Mouth	4	80.0	0	0.0	1	20.0	0	0.0	0	0.0	5	100.0
145	Other Mouth	42	60.0	1	1.4	14	20.0	13	18.6	0	0.0	70	100.0
146	Oropharynx	23	67.6	1	2.9	7	20.6	3	8.8	0	0.0	34	100.0
147	Nasopharynx	13	65.0	1	5.0	2	10.0	4	20.0	0	0.0	20	100.0
148	Hypopharynx	115	76.7	0	0.0	23	15.3	11	7.3	1	0.7	150	100.0
149	Pharynx Etc.	19	79.2	0	0.0	5	20.8	0	0.0	0	0.0	24	100.0
150	Oesophagus	251	68.6	35	9.6	58	15.8	22	6.0	0	0.0	366	100.0
151	Stomach	42	58.3	15	20.8	13	18.1	2	2.8	0	0.0	72	100.0
152	Small Intes.	5	55.6	4	44.4	0	0.0	0	0.0	0	0.0	9	100.0
153	Colon	41	89.1	1	2.2	1	2.2	3	6.5	0	0.0	46	100.0
154	Rectum	65	67.0	8	8.2	14	14.4	9	9.3	1	1.0	97	100.0
155	Liver	7	43.8	9	56.3	0	0.0	0	0.0	0	0.0	16	100.0
156	Gall Bladder	62	43.1	67	46.5	11	7.6	4	2.8	0	0.0	144	100.0
157	Pancreas	36	78.3	7	15.2	3	6.5	0	0.0	0	0.0	46	100.0
158	Retroperito.	7	70.0	0	0.0	2	20.0	1	10.0	0	0.0	10	100.0
159	Other Dig. Sys.	1	20.0	2	40.0	2	40.0	0	0.0	0	0.0	5	100.0
160	Nasal Cavity	50	65.8	2	2.6	6	7.9	18	23.7	0	0.0	76	100.0
161	Larynx	44	81.5	0	0.0	8	14.8	2	3.7	0	0.0	54	100.0
162	Lung	84	75.7	11	9.9	11	9.9	5	4.5	0	0.0	111	100.0
163	Pleura	4	57.1	1	14.3	2	28.6	0	0.0	0	0.0	7	100.0
164	Thymus	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	34	73.9	0	0.0	9	19.6	3	6.5	0	0.0	46	100.0
171	Conn. Tiss.	49	72.1	2	2.9	11	16.2	6	8.8	0	0.0	68	100.0
172	Skin Melanoma	2	50.0	0	0.0	1	25.0	1	25.0	0	0.0	4	100.0
173	Skin Other	57	76.0	1	1.3	10	13.3	7	9.3	0	0.0	75	100.0
174	Breast Female	547	79.6	7	1.0	69	10.0	64	9.3	0	0.0	687	100.0
179	Uterus Nos.	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	1	100.0
180	Cervix	1960	77.3	71	2.8	296	11.7	207	8.2	2	0.1	2536	100.0
181	Placenta	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
182	Body Uterus	91	82.7	1	0.9	10	9.1	8	7.3	0	0.0	110	100.0
183	Ovary	178	81.3	11	5.0	12	5.5	18	8.2	0	0.0	219	100.0
184	Vagina	36	66.7	4	7.4	6	11.1	8	14.8	0	0.0	54	100.0
188	Uri. Bladder	29	85.3	0	0.0	1	2.9	4	11.8	0	0.0	34	100.0
189	Kidney	23	74.2	3	9.7	2	6.5	3	9.7	0	0.0	31	100.0
190	Eye	27	84.4	1	3.1	3	9.4	1	3.1	0	0.0	32	100.0
191	Brain	133	84.2	0	0.0	0	0.0	25	15.8	0	0.0	158	100.0
192	Nervous Sy.	7	63.6	0	0.0	0	0.0	4	36.4	0	0.0	11	100.0
193	Thyroid Gland	65	74.7	3	3.4	11	12.6	6	6.9	2	2.3	87	100.0
194	Oth. Endo. Glands	4	100.0	0	0.0	0	0.0	0	0.0	0	0.0	4	100.0
195	Ill Def. Site	12	28.6	24	57.1	6	14.3	0	0.0	0	0.0	42	100.0
196	Sec. Lymph Node	26	56.5	12	26.1	7	15.2	1	2.2	0	0.0	46	100.0
197	Sec. Res. Etc.	23	26.1	58	65.9	7	8.0	0	0.0	0	0.0	88	100.0
198	Sec. Other	33	75.0	1	2.3	5	11.4	5	11.4	0	0.0	44	100.0
199	Prim. Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
200	Lymphosarcoma	41	77.4	1	1.9	6	11.3	5	9.4	0	0.0	53	100.0
201	Hodgkin's Disease	39	86.7	2	4.4	3	6.7	1	2.2	0	0.0	45	100.0
202	Oth. Lymphoma	54	81.8	5	7.6	4	6.1	3	4.5	0	0.0	66	100.0
203	Mult. Myeloma	30	100.0	0	0.0	0	0.0	0	0.0	0	0.0	30	100.0
204	Leuk. Lymphatic	52	83.9	3	4.8	6	9.7	1	1.6	0	0.0	62	100.0
205	Leuk. Myelocytic	88	85.4	6	5.8	9	8.7	0	0.0	0	0.0	103	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	1	100.0
	All Sites	4667	74.8	383	6.1	697	11.2	489	7.8	6	0.1	6242	100.0

**Table: CHG - 9(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease in the No Cancer Directed Treatment Group
1984 - 89 - Males
Chandigarh**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	3	100.0
141	Tongue	5	7.9	58	92.1	0	0.0	0	0.0	0	0.0	63	100.0
142	Salivary Glands	2	16.7	9	75.0	1	8.3	0	0.0	0	0.0	12	100.0
143	Gum	0	0.0	14	100.0	0	0.0	0	0.0	0	0.0	14	100.0
144	Floor of Mouth	0	0.0	5	83.3	1	16.7	0	0.0	0	0.0	6	100.0
145	Other Mouth	3	8.8	31	91.2	0	0.0	0	0.0	0	0.0	34	100.0
146	Oropharynx	1	3.1	29	90.6	2	6.3	0	0.0	0	0.0	32	100.0
147	Nasopharynx	0	0.0	18	100.0	0	0.0	0	0.0	0	0.0	18	100.0
148	Hypopharynx	2	2.9	66	97.1	0	0.0	0	0.0	0	0.0	68	100.0
149	Pharynx Etc.	0	0.0	11	100.0	0	0.0	0	0.0	0	0.0	11	100.0
150	Oesophagus	9	6.3	121	84.0	14	9.7	0	0.0	0	0.0	144	100.0
151	Stomach	2	2.4	48	56.5	35	41.2	0	0.0	0	0.0	85	100.0
152	Small Intes.	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	3	100.0
153	Colon	0	0.0	10	52.6	9	47.4	0	0.0	0	0.0	19	100.0
154	Rectum	6	8.0	51	68.0	18	24.0	0	0.0	0	0.0	75	100.0
155	Liver	4	8.9	30	66.7	1	2.2	0	0.0	10	22.2	45	100.0
156	Gall Bladder	1	3.1	12	37.5	19	59.4	0	0.0	0	0.0	32	100.0
157	Pancreas	0	0.0	11	44.0	14	56.0	0	0.0	0	0.0	25	100.0
158	Retroperito.	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0	6	100.0
159	Other Dig. Sys.	0	0.0	2	50.0	2	50.0	0	0.0	0	0.0	4	100.0
160	Nasal Cavity	2	7.7	24	92.3	0	0.0	0	0.0	0	0.0	26	100.0
161	Larynx	0	0.0	73	100.0	0	0.0	0	0.0	0	0.0	73	100.0
162	Lung	8	4.3	114	62.0	62	33.7	0	0.0	0	0.0	184	100.0
163	Pleura	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0	5	100.0
164	Thymus	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	2	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	2	7.4	21	77.8	4	14.8	0	0.0	0	0.0	27	100.0
171	Conn. Tiss.	1	5.0	17	85.0	2	10.0	0	0.0	0	0.0	20	100.0
172	Skin Melanoma	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	3	100.0
173	Skin Other	2	6.9	27	93.1	0	0.0	0	0.0	0	0.0	29	100.0
175	Breast Male	3	30.0	6	60.0	1	10.0	0	0.0	0	0.0	10	100.0
185	Prostate	3	17.6	8	47.1	6	35.3	0	0.0	0	0.0	17	100.0
186	Testis	2	14.3	9	64.3	3	21.4	0	0.0	0	0.0	14	100.0
187	Penis Etc.	1	4.8	20	95.2	0	0.0	0	0.0	0	0.0	21	100.0
188	Uri. Bladder	3	15.0	17	85.0	0	0.0	0	0.0	0	0.0	20	100.0
189	Kidney	0	0.0	12	70.6	5	29.4	0	0.0	0	0.0	17	100.0
190	Eye	1	7.1	13	92.9	0	0.0	0	0.0	0	0.0	14	100.0
191	Brain	20	30.8	44	67.7	0	0.0	0	0.0	1	1.5	65	100.0
192	Nervous Sy.	2	66.7	1	33.3	0	0.0	0	0.0	0	0.0	3	100.0
193	Thyroid Gland	0	0.0	11	78.6	3	21.4	0	0.0	0	0.0	14	100.0
194	Oth. Endo. Glands	1	25.0	1	25.0	2	50.0	0	0.0	0	0.0	4	100.0
195	Ill Def. Site	1	3.4	8	27.6	8	27.6	0	0.0	12	41.4	29	100.0
196	Sec. Lymph Node	0	0.0	52	96.3	2	3.7	0	0.0	0	0.0	54	100.0
197	Sec. Res. Etc.	0	0.0	1	1.5	66	97.1	0	0.0	1	1.5	68	100.0
198	Sec. Other	0	0.0	0	0.0	20	100.0	0	0.0	0	0.0	20	100.0
199	Prim. Unknown	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	1	100.0
200	Lymphosarcoma	0	0.0	0	0.0	0	0.0	26	100.0	0	0.0	26	100.0
201	Hodgkin's Disease	0	0.0	0	0.0	0	0.0	27	100.0	0	0.0	27	100.0
202	Oth. Lymphoma	0	0.0	0	0.0	0	0.0	23	100.0	0	0.0	23	100.0
203	Mult. Myeloma	0	0.0	0	0.0	0	0.0	8	100.0	0	0.0	8	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	29	100.0	0	0.0	29	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	36	100.0	0	0.0	36	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	5	100.0	0	0.0	5	100.0
	All Sites	87	5.5	1026	64.4	302	18.9	154	9.7	25	1.6	1594	100.0

**Table: CHG - 9(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease in the No Cancer Directed Treatment Group
1984 - 89 - Females
Chandigarh**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	3	100.0
141	Tongue	2	10.0	17	85.0	1	5.0	0	0.0	0	0.0	20	100.0
142	Salivary Glands	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	3	100.0
143	Gum	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0	5	100.0
144	Floor of Mouth	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
145	Other Mouth	3	10.7	25	89.3	0	0.0	0	0.0	0	0.0	28	100.0
146	Oropharynx	0	0.0	11	100.0	0	0.0	0	0.0	0	0.0	11	100.0
147	Nasopharynx	0	0.0	6	85.7	1	14.3	0	0.0	0	0.0	7	100.0
148	Hypopharynx	4	11.4	31	88.6	0	0.0	0	0.0	0	0.0	35	100.0
149	Pharynx Etc.	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0	5	100.0
150	Oesophagus	6	5.2	104	90.4	5	4.3	0	0.0	0	0.0	115	100.0
151	Stomach	0	0.0	16	53.3	14	46.7	0	0.0	0	0.0	30	100.0
152	Small Intes.	0	0.0	2	50.0	2	50.0	0	0.0	0	0.0	4	100.0
153	Colon	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0	5	100.0
154	Rectum	2	6.3	26	81.3	4	12.5	0	0.0	0	0.0	32	100.0
155	Liver	0	0.0	6	66.7	1	11.1	0	0.0	2	22.2	9	100.0
156	Gall Bladder	0	0.0	14	17.1	67	81.7	0	0.0	1	1.2	82	100.0
157	Pancreas	0	0.0	4	40.0	6	60.0	0	0.0	0	0.0	10	100.0
158	Retroperito.	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	3	100.0
159	Other Dig. Sys.	0	0.0	2	50.0	1	25.0	0	0.0	1	25.0	4	100.0
160	Nasal Cavity	2	7.7	23	88.5	1	3.8	0	0.0	0	0.0	26	100.0
161	Larynx	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0	10	100.0
162	Lung	1	3.7	13	48.1	13	48.1	0	0.0	0	0.0	27	100.0
163	Pleura	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0	3	100.0
164	Thymus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	0	0.0	12	100.0	0	0.0	0	0.0	0	0.0	12	100.0
171	Conn. Tiss.	2	10.5	14	73.7	3	15.8	0	0.0	0	0.0	19	100.0
172	Skin Melanoma	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0
173	Skin Other	6	33.3	12	66.7	0	0.0	0	0.0	0	0.0	18	100.0
174	Breast Female	13	9.3	105	75.0	22	15.7	0	0.0	0	0.0	140	100.0
179	Uterus Nos.	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
180	Cervix	11	1.9	549	95.3	16	2.8	0	0.0	0	0.0	576	100.0
181	Placenta	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
182	Body Uterus	9	47.4	9	47.4	1	5.3	0	0.0	0	0.0	19	100.0
183	Ovary	3	7.3	18	43.9	20	48.8	0	0.0	0	0.0	41	100.0
184	Vagina	2	11.1	15	83.3	1	5.6	0	0.0	0	0.0	18	100.0
188	Uri. Bladder	1	20.0	4	80.0	0	0.0	0	0.0	0	0.0	5	100.0
189	Kidney	0	0.0	5	62.5	3	37.5	0	0.0	0	0.0	8	100.0
190	Eye	1	20.0	4	80.0	0	0.0	0	0.0	0	0.0	5	100.0
191	Brain	13	52.0	12	48.0	0	0.0	0	0.0	0	0.0	25	100.0
192	Nervous Sy.	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0	4	100.0
193	Thyroid Gland	0	0.0	17	77.3	5	22.7	0	0.0	0	0.0	22	100.0
194	Oth. Endo. Glands	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
195	Ill Def. Site	1	3.3	10	33.3	12	40.0	0	0.0	7	23.3	30	100.0
196	Sec. Lymph Node	0	0.0	20	100.0	0	0.0	0	0.0	0	0.0	20	100.0
197	Sec. Res. Etc.	0	0.0	2	3.1	62	95.4	0	0.0	1	1.5	65	100.0
198	Sec. Other	0	0.0	0	0.0	11	100.0	0	0.0	0	0.0	11	100.0
199	Prim. Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
200	Lymphosarcoma	0	0.0	0	0.0	0	0.0	12	100.0	0	0.0	12	100.0
201	Hodgkin's Disease	0	0.0	0	0.0	0	0.0	6	100.0	0	0.0	6	100.0
202	Oth. Lymphoma	0	0.0	0	0.0	0	0.0	12	100.0	0	0.0	12	100.0
203	Mult. Myeloma	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	10	100.0	0	0.0	10	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	15	100.0	0	0.0	15	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0
	All Sites	82	5.2	1151	73.1	274	17.4	56	3.6	12	0.8	1575	100.0

**Table: CHG - 10(a): Proportion(%) of patients who received(Y) and not received(N) any Cancer Directed Treatment(CDT) according to Clinical Extent of Disease for each Site
1984 - 89 - Males
Chandigarh**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %
140	Lip	100.0	0.0	50.0	50.0	100.0	0.0	100.0	0.0	100.0	0.0	66.7	33.3
141	Tongue	87.2	12.8	83.5	16.5	100.0	0.0	100.0	0.0	100.0	0.0	83.9	16.1
142	Salivary Glands	84.6	15.4	77.5	22.5	50.0	50.0	100.0	0.0	100.0	0.0	78.2	21.8
143	Gum	100.0	0.0	65.0	35.0	100.0	0.0	100.0	0.0	100.0	0.0	69.6	30.4
144	Floor of Mouth	100.0	0.0	72.2	27.8	50.0	50.0	100.0	0.0	100.0	0.0	70.0	30.0
145	Other Mouth	87.5	12.5	72.1	27.9	100.0	0.0	100.0	0.0	100.0	0.0	74.8	25.2
146	Oropharynx	88.9	11.1	85.1	14.9	0.0	100.0	100.0	0.0	100.0	0.0	84.5	15.5
147	Nasopharynx	100.0	0.0	71.0	29.0	100.0	0.0	100.0	0.0	100.0	0.0	73.5	26.5
148	Hypopharynx	75.0	25.0	76.9	23.1	100.0	0.0	100.0	0.0	100.0	0.0	77.0	23.0
149	Pharynx Etc.	100.0	0.0	71.1	28.9	100.0	0.0	100.0	0.0	100.0	0.0	71.1	28.9
150	Oesophagus	65.4	34.6	69.2	30.8	56.3	43.8	100.0	0.0	100.0	0.0	68.1	31.9
151	Stomach	71.4	28.6	66.0	34.0	44.4	55.6	100.0	0.0	100.0	0.0	59.7	40.3
152	Small Intes.	100.0	0.0	72.7	27.3	100.0	0.0	100.0	0.0	100.0	0.0	75.0	25.0
153	Colon	100.0	0.0	85.3	14.7	55.0	45.0	100.0	0.0	100.0	0.0	79.3	20.7
154	Rectum	50.0	50.0	69.5	30.5	55.0	45.0	100.0	0.0	100.0	0.0	65.8	34.2
155	Liver	50.0	50.0	34.8	65.2	50.0	50.0	100.0	0.0	16.7	83.3	33.8	66.2
156	Gall Bladder	66.7	33.3	70.0	30.0	32.1	67.9	100.0	0.0	100.0	0.0	54.9	45.1
157	Pancreas	100.0	0.0	70.3	29.7	30.0	70.0	100.0	0.0	100.0	0.0	56.9	43.1
158	Retroperit.	100.0	0.0	70.0	30.0	100.0	0.0	100.0	0.0	100.0	0.0	72.7	27.3
159	Other Dig. Sys.	100.0	0.0	0.0	100.0	33.3	66.7	100.0	0.0	100.0	0.0	20.0	80.0
160	Nasal Cavity	81.8	18.2	76.2	23.8	100.0	0.0	100.0	0.0	100.0	0.0	77.6	22.4
161	Larynx	100.0	0.0	79.7	20.3	100.0	0.0	100.0	0.0	100.0	0.0	82.1	17.9
162	Lung	65.2	34.8	75.6	24.4	76.2	23.8	100.0	0.0	100.0	0.0	75.5	24.5
163	Pleura	100.0	0.0	37.5	62.5	100.0	0.0	100.0	0.0	100.0	0.0	50.0	50.0
164	Thymus	100.0	0.0	66.7	33.3	75.0	25.0	100.0	0.0	100.0	0.0	75.0	25.0
165	Other Resp.	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
170	Bone	80.0	20.0	72.7	27.3	50.0	50.0	100.0	0.0	100.0	0.0	71.6	28.4
171	Conn. Tiss.	88.9	11.1	81.5	18.5	71.4	28.6	100.0	0.0	100.0	0.0	81.5	18.5
172	Skin Melanoma	100.0	0.0	70.0	30.0	100.0	0.0	100.0	0.0	100.0	0.0	70.0	30.0
173	Skin Other	94.4	5.6	73.0	27.0	100.0	0.0	100.0	0.0	100.0	0.0	79.0	21.0
175	Breast Male	0.0	100.0	50.0	50.0	75.0	25.0	100.0	0.0	100.0	0.0	47.4	52.6
185	Prostate	88.5	11.5	90.2	9.8	81.8	18.2	100.0	0.0	100.0	0.0	87.9	12.1
186	Testis	75.0	25.0	72.7	27.3	70.0	30.0	100.0	0.0	100.0	0.0	72.5	27.5
187	Penis Etc.	83.3	16.7	75.9	24.1	100.0	0.0	100.0	0.0	100.0	0.0	76.4	23.6
188	Uri. Bladder	86.4	13.6	85.8	14.2	100.0	0.0	100.0	0.0	100.0	0.0	86.4	13.6
189	Kidney	100.0	0.0	80.0	20.0	70.6	29.4	100.0	0.0	100.0	0.0	80.0	20.0
190	Eye	87.5	12.5	74.0	26.0	100.0	0.0	100.0	0.0	100.0	0.0	76.7	23.3
191	Brain	81.7	18.3	81.2	18.8	100.0	0.0	100.0	0.0	0.0	100.0	81.2	18.8
192	Nervous Sy.	50.0	50.0	93.8	6.3	100.0	0.0	100.0	0.0	100.0	0.0	85.0	15.0
193	Thyroid Gland	100.0	0.0	70.3	29.7	66.7	33.3	100.0	0.0	100.0	0.0	71.4	28.6
194	Oth. Endo. Glands	50.0	50.0	75.0	25.0	33.3	66.7	100.0	0.0	100.0	0.0	55.6	44.4
195	Ill Def. Site	66.7	33.3	50.0	50.0	0.0	100.0	100.0	0.0	20.0	80.0	31.0	69.0
196	Sec. Lymph Node	100.0	0.0	59.7	40.3	33.3	66.7	100.0	0.0	100.0	0.0	59.7	40.3
197	Sec. Res. Etc.	100.0	0.0	50.0	50.0	22.4	77.6	100.0	0.0	0.0	100.0	22.7	77.3
198	Sec. Other	100.0	0.0	100.0	0.0	70.6	29.4	100.0	0.0	100.0	0.0	71.4	28.6
199	Prim. Unknown	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	0.0	100.0	50.0	50.0
200	Lymphosarcoma	100.0	0.0	100.0	0.0	100.0	0.0	82.9	17.1	100.0	0.0	82.9	17.1
201	Hodgkin's Disease	100.0	0.0	100.0	0.0	100.0	0.0	81.3	18.8	100.0	0.0	81.3	18.8
202	Oth. Lymphoma	100.0	0.0	100.0	0.0	100.0	0.0	86.5	13.5	100.0	0.0	86.5	13.5
203	Mult. Myeloma	100.0	0.0	100.0	0.0	100.0	0.0	86.4	13.6	100.0	0.0	86.4	13.6
204	Leuk. Lymphatic	100.0	0.0	100.0	0.0	100.0	0.0	85.9	14.1	100.0	0.0	85.9	14.1
205	Leuk. Myelocytic	100.0	0.0	100.0	0.0	100.0	0.0	77.2	22.8	100.0	0.0	77.2	22.8
206	Leuk. Monocytic	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
207	Leuk. Misc.	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
208	Leuk. Unspecified	100.0	0.0	100.0	0.0	100.0	0.0	16.7	83.3	100.0	0.0	16.7	83.3
	All Sites	82.6	17.4	75.4	24.6	60.5	39.5	82.8	17.2	26.5	73.5	75.0	25.0

**Table: CHG - 10(b): NProportion(%) of patients who received(Y) and not received(N) any Cancer Directed Treatment(CDT) according to Clinical Extent of Disease for each Site
1984 - 89 - Females
Chandigarh**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %
140	Lip	100.0	0.0	57.1	42.9	100.0	0.0	100.0	0.0	100.0	0.0	57.1	42.9
141	Tongue	91.3	8.7	73.0	27.0	0.0	100.0	100.0	0.0	100.0	0.0	77.0	23.0
142	Salivary Glands	100.0	0.0	80.0	20.0	100.0	0.0	100.0	0.0	100.0	0.0	86.4	13.6
143	Gum	100.0	0.0	78.3	21.7	100.0	0.0	100.0	0.0	100.0	0.0	80.8	19.2
144	Floor of Mouth	100.0	0.0	66.7	33.3	100.0	0.0	100.0	0.0	100.0	0.0	80.0	20.0
145	Other Mouth	80.0	20.0	54.5	45.5	100.0	0.0	100.0	0.0	100.0	0.0	60.0	40.0
146	Oropharynx	100.0	0.0	67.6	32.4	100.0	0.0	100.0	0.0	100.0	0.0	67.6	32.4
147	Nasopharynx	100.0	0.0	62.5	37.5	66.7	33.3	100.0	0.0	100.0	0.0	65.0	35.0
148	Hypopharynx	55.6	44.4	77.9	22.1	100.0	0.0	100.0	0.0	100.0	0.0	76.7	23.3
149	Pharynx Etc.	100.0	0.0	78.3	21.7	100.0	0.0	100.0	0.0	100.0	0.0	79.2	20.8
150	Oesophagus	72.7	27.3	68.0	32.0	73.7	26.3	100.0	0.0	100.0	0.0	68.6	31.4
151	Stomach	100.0	0.0	68.0	32.0	33.3	66.7	100.0	0.0	100.0	0.0	58.3	41.7
152	Small Intes.	100.0	0.0	71.4	28.6	0.0	100.0	100.0	0.0	100.0	0.0	55.6	44.4
153	Colon	100.0	0.0	90.0	10.0	83.3	16.7	100.0	0.0	100.0	0.0	89.1	10.9
154	Rectum	50.0	50.0	68.7	31.3	60.0	40.0	100.0	0.0	100.0	0.0	67.0	33.0
155	Liver	100.0	0.0	45.5	54.5	0.0	100.0	100.0	0.0	33.3	66.7	43.8	56.3
156	Gall Bladder	100.0	0.0	70.2	29.8	28.0	72.0	100.0	0.0	0.0	100.0	43.1	56.9
157	Pancreas	100.0	0.0	85.2	14.8	64.7	35.3	100.0	0.0	100.0	0.0	78.3	21.7
158	Retropelit.	100.0	0.0	66.7	33.3	100.0	0.0	100.0	0.0	100.0	0.0	70.0	30.0
159	Other Dig. Sys.	100.0	0.0	33.3	66.7	0.0	100.0	100.0	0.0	0.0	100.0	20.0	80.0
160	Nasal Cavity	50.0	50.0	66.7	33.3	66.7	33.3	100.0	0.0	100.0	0.0	65.8	34.2
161	Larynx	100.0	0.0	80.0	20.0	100.0	0.0	100.0	0.0	100.0	0.0	81.5	18.5
162	Lung	80.0	20.0	79.0	21.0	70.5	29.5	100.0	0.0	100.0	0.0	75.7	24.3
163	Pleura	100.0	0.0	60.0	40.0	50.0	50.0	100.0	0.0	100.0	0.0	57.1	42.9
164	Thymus	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
165	Other Resp.	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
170	Bone	100.0	0.0	70.7	29.3	100.0	0.0	100.0	0.0	100.0	0.0	73.9	26.1
171	Conn. Tiss.	60.0	40.0	75.9	24.1	40.0	60.0	100.0	0.0	100.0	0.0	72.1	27.9
172	Skin Melanoma	100.0	0.0	33.3	66.7	100.0	0.0	100.0	0.0	100.0	0.0	50.0	50.0
173	Skin Other	79.3	20.7	73.3	26.7	100.0	0.0	100.0	0.0	100.0	0.0	76.0	24.0
174	Breast Female	86.7	13.3	78.6	21.4	77.6	22.4	100.0	0.0	100.0	0.0	79.6	20.4
179	Uterus Nos.	100.0	0.0	0.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0	0.0	100.0
180	Cervix	88.4	11.6	77.1	22.9	63.6	36.4	100.0	0.0	100.0	0.0	77.3	22.7
181	Placenta	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
182	Body Uterus	81.6	18.4	83.9	16.1	80.0	20.0	100.0	0.0	100.0	0.0	82.7	17.3
183	Ovary	90.9	9.1	86.0	14.0	64.3	35.7	100.0	0.0	100.0	0.0	81.3	18.7
184	Vagina	71.4	28.6	65.1	34.9	75.0	25.0	100.0	0.0	100.0	0.0	66.7	33.3
188	Uri. Bladder	85.7	14.3	84.6	15.4	100.0	0.0	100.0	0.0	100.0	0.0	85.3	14.7
189	Kidney	100.0	0.0	76.2	23.8	57.1	42.9	100.0	0.0	100.0	0.0	74.2	25.8
190	Eye	80.0	20.0	85.2	14.8	100.0	0.0	100.0	0.0	100.0	0.0	84.4	15.6
191	Brain	77.2	22.8	88.0	12.0	100.0	0.0	100.0	0.0	100.0	0.0	84.2	15.8
192	Nervous Sy.	100.0	0.0	55.6	44.4	100.0	0.0	100.0	0.0	100.0	0.0	63.6	36.4
193	Thyroid Gland	100.0	0.0	74.6	25.4	44.4	55.6	100.0	0.0	100.0	0.0	74.7	25.3
194	Oth. Endo. Glands	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
195	Ill Def. Site	0.0	100.0	41.2	58.8	25.0	75.0	100.0	0.0	12.5	87.5	28.6	71.4
196	Sec. Lymph Node	100.0	0.0	55.6	44.4	100.0	0.0	100.0	0.0	100.0	0.0	56.5	43.5
197	Sec. Res. Etc.	100.0	0.0	0.0	100.0	27.1	72.9	100.0	0.0	0.0	100.0	26.1	73.9
198	Sec. Other	100.0	0.0	100.0	0.0	74.4	25.6	100.0	0.0	100.0	0.0	75.0	25.0
199	Prim. Unknown	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
200	Lymphosarcoma	100.0	0.0	100.0	0.0	100.0	0.0	77.4	22.6	100.0	0.0	77.4	22.6
201	Hodgkin's Disease	100.0	0.0	100.0	0.0	100.0	0.0	86.4	13.6	100.0	0.0	86.7	13.3
202	Oth. Lymphoma	100.0	0.0	100.0	0.0	100.0	0.0	81.8	18.2	100.0	0.0	81.8	18.2
203	Mult. Myeloma	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
204	Leuk. Lymphatic	100.0	0.0	100.0	0.0	100.0	0.0	83.9	16.1	100.0	0.0	83.9	16.1
205	Leuk. Myelocytic	100.0	0.0	100.0	0.0	100.0	0.0	85.4	14.6	100.0	0.0	85.4	14.6
206	Leuk. Monocytic	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
207	Leuk. Misc.	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
208	Leuk. Unspecified	100.0	0.0	100.0	0.0	100.0	0.0	0.0	100.0	100.0	0.0	0.0	100.0
	All Sites	83.9	16.1	75.8	24.2	55.0	45.0	84.5	15.5	25.0	75.0	74.8	25.2

HOSPITAL BASED CANCER REGISTRY

Cancer Institute (WIA), Adyar, Chennai (Madras)

Dr. V. SHANTA, Principal Investigator HBCR & Executive Chairman.

Dr. C.K. GAJALAKSHMI, Co-Principal Investigator HBCR &
Associate Professor & Head,
Division of Epidemiology and Cancer Registry.

Dr. K. RAVICHANDRAN, Senior Investigator HBCR.

The Cancer Institute (W.I.A), in Chennai, is the first comprehensive cancer care center to be established in South India and the second in India. It is recognised as a Regional Cancer Center by the Ministry of Health & Family Welfare of Government of India with state of art facilities for cancer diagnosis, treatment and research. It is an autonomous non-profit institution with a bed strength of 423; more than 50% of the patients are boarded, lodged and treated free of cost. The institute is primarily research oriented and is recognized by the University of Madras, Anna University and The Tamil Nadu Dr. M.G.R. Medical University for doctoral and super speciality degrees. The proportion (%) of patients attending the Institute from southern states of India: Tamil Nadu-63%, Andhra Pradesh-27% and Kerala-3%. Over 240 patients (new patients and follow-up cases) are seen at the Institute per day and these figures are increasing over the years. The three leading site of cancers among males are Oral Cavity (UICC), Oropharynx(UICC) and Oesophagus. In females Cervix, Breast and Oral Cavity(UICC) are the leading sites. In paediatric age group Leukaemia and Lymphoma are the predominant cancers.

The Hospital Based Cancer Registry has been functioning since the inception of the Institute in 1955. Data collection on the lines of ICMR started on 1st January 1984. All new cases attending the Institute are interviewed during registration and the required data are abstracted from the records using a standard proforma. The coded profoma are then scrutinized by the Medical Officer and Statistician. Data are then computerized. The validity and consistency checks for unlikely combinations of age, sex, site and morphology and other factors are carried out using in-house computer programs. In addition to these the IARC quality control programs are also used to validate the data. The cleaned data are then sent to the coordinating unit. Exercises on re-abstraction and coding on a random sample of cases are done regularly and presented in national level registry meetings.

Life time follow up of the cancer cases is generally felt difficult in India. With great efforts, we have evolved methods to overcome the problems in the follow up of cases treated at the Institute. An address form consisting of a minimum of seven addresses of patients and their relatives/friends/referring physician is maintained to help in follow up. Reply paid cards are sent to all patients who do not report for check up on the due date. Home visits/telephone enquiries are made by the field investigators to find out the vital status of the treated patients who had given a contact address in Chennai. If there is no response from any of the addresses given by the patients from outside Chennai, letters are written to the Village Headman, referring doctors, President/Secretary of local service organization like the Lion, Rotary etc. for tracing the patient. The help of the cured patients from the area, who are currently on regular follow up is also sought for this purpose. We also provide concession for travel by bus, rail and air to the patient coming for treatment/follow up and an accompanying person. The follow up rate is more than 80%.

Reports on the activities of hospital cancer registry are published regularly on annual/biennial basis. We have been organizing workshops on "Techniques for early detection of cancer" for the medical officers in Tamilnadu. We are conducting case control and cohort studies on cancer patients to determine the risk factors and survival studies to evaluate the prognostic factors. The results of these studies have been published in international journals. Case-control studies on Breast and Stomach have been published and ongoing in the fields of cancer of Cervix, Colo-rectal, Lung and Larynx in collaboration with IARC and Nagoya City University Medical School, Nagoya, Japan. Clinical trials were done on Cervix, and Oral cavity cancers to assess the role of chemotherapy in advanced cancers. The Tobacco cessation clinic has been started at the Institute in collaboration with WHO.

**Table: CHN - 1(a): Number of Cancers by Site (ICD-9) and 5 Year Age Group:
1984 - 93 - Males**

ANS=Age Not Specified ; %= Relative Proportion of Cancers of All Sites.

Chennai

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	2	6	4	7	17	22	22	17	23	12	7	0	139	0.57
141	Tongue	0	0	0	2	7	22	40	67	144	253	323	326	311	217	140	78	0	1930	7.85
142	Salivary Glands	1	2	0	0	4	11	6	6	20	17	20	25	22	10	11	6	0	161	0.65
143	Gum	1	0	0	2	2	4	12	19	37	61	82	94	93	65	49	46	0	567	2.31
144	Floor Of Mouth	0	0	0	0	1	2	2	9	16	37	53	54	54	30	24	12	0	294	1.20
145	Other Mouth	1	2	4	2	6	13	34	85	153	216	308	320	350	210	136	94	0	1934	7.87
146	Oropharynx	0	0	0	1	7	7	17	32	58	115	150	152	145	97	52	30	0	863	3.51
147	Nasopharynx	0	3	13	28	28	18	13	20	28	18	23	27	22	8	7	3	0	259	1.05
148	Hypopharynx	0	0	1	5	24	46	58	89	127	213	278	262	305	188	118	64	0	1778	7.23
149	Pharynx Etc.	0	0	0	0	7	4	10	10	11	25	30	30	27	26	6	6	0	192	0.78
150	Oesophagus	0	0	1	1	5	26	26	62	143	254	336	381	327	239	170	102	0	2073	8.43
151	Stomach	0	0	0	0	13	38	52	95	150	213	251	322	270	183	136	75	0	1798	7.31
152	Small Intes.	0	0	0	0	0	1	2	0	2	2	11	2	3	2	1	0	0	26	0.11
153	Colon	0	0	1	3	7	6	15	22	26	40	39	33	21	18	10	9	0	250	1.02
154	Rectum	0	1	1	9	20	47	40	52	56	83	83	85	83	49	47	24	0	680	2.77
155	Liver	5	1	1	3	8	10	22	30	36	61	70	59	67	38	17	13	0	441	1.79
156	Gall Bladder	0	0	0	0	0	1	1	7	7	5	12	10	6	6	7	2	0	64	0.26
157	Pancreas	0	1	0	1	0	4	3	9	20	21	19	20	13	17	2	2	0	132	0.54
158	Retroperit.	2	0	1	3	6	5	7	3	4	7	4	5	9	7	2	0	0	65	0.26
159	Other Dig. Sys.	0	0	0	0	0	0	0	0	1	0	3	0	1	1	0	0	0	6	0.02
160	Nasal Cavity	1	1	2	7	6	7	14	19	28	31	29	26	42	23	20	16	0	272	1.11
161	Larynx	1	0	0	3	5	10	19	19	54	111	163	212	199	148	84	45	0	1073	4.36
162	Lung	0	0	0	1	3	5	29	50	132	205	264	298	262	202	105	47	0	1603	6.52
163	Pleura	0	0	0	0	0	0	1	1	0	3	6	1	0	0	0	0	0	12	0.05
164	Thymus	1	0	0	1	0	1	6	3	6	3	2	3	1	0	1	0	0	28	0.11
165	Other Resp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
170	Bone	4	24	70	110	90	45	12	18	14	12	6	12	4	6	5	4	0	436	1.77
171	Conn. Tiss.	19	12	16	34	45	57	44	53	44	32	39	22	30	21	11	7	0	486	1.98
172	Skin Melanoma	0	0	0	1	3	2	4	11	11	20	29	18	19	10	9	7	0	144	0.59
173	Skin Other	0	0	2	6	6	14	17	21	44	39	47	56	55	39	34	18	0	398	1.62
175	Breast Male	0	0	0	0	0	0	2	1	3	4	12	5	13	5	6	4	0	55	0.22
185	Prostate	0	1	0	1	0	0	0	0	2	10	19	34	75	54	52	38	0	286	1.16
186	Testis	4	1	1	19	39	69	45	46	24	18	14	9	4	3	4	1	0	301	1.22
187	Penis Etc.	1	0	0	2	9	21	47	83	87	124	103	84	84	66	40	31	0	782	3.18
188	Uri. Bladder	1	0	1	1	0	2	2	9	14	31	52	58	40	37	31	33	0	312	1.27
189	Kidney	12	5	1	2	6	3	2	8	14	23	20	28	16	10	9	4	0	163	0.66
190	Eye	80	17	3	6	2	0	1	3	6	3	6	2	5	5	4	4	0	147	0.60
191	Brain	5	9	8	1	5	7	9	10	7	7	5	3	5	4	0	1	0	86	0.35
192	Nervous Sy.	1	2	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	6	0.02
193	Thyroid Gland	0	0	1	6	7	13	31	22	21	29	32	34	39	20	17	15	0	287	1.17
194	Oth. Endo. Glands	3	5	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	13	0.05
195	Ill Def. Site	3	2	2	7	8	11	10	15	10	21	25	16	20	15	9	7	0	181	0.74
196	Sec. Lymph Node	0	2	0	1	11	17	17	33	42	77	104	109	103	70	48	48	0	682	2.77
197	Sec. Res. Etc.	0	0	0	2	5	5	9	24	40	44	61	73	51	50	22	16	0	402	1.63
198	Sec. Other	0	0	0	0	3	5	3	11	10	23	24	16	21	14	7	5	0	142	0.58
199	Prim. Unknown	0	1	0	0	2	0	1	0	2	3	4	2	9	3	1	0	0	28	0.11
200	Lymphosarcoma	1	17	12	21	18	13	19	29	27	37	23	17	20	15	10	9	0	288	1.17
201	Hodgkin's Disease	5	57	37	32	40	38	32	17	14	20	17	7	5	4	1	1	0	327	1.33
202	Oth. Lymphoma	9	34	42	44	70	50	41	44	49	47	62	56	56	31	20	17	0	672	2.73
203	Multi. Myeloma	0	0	0	1	1	2	2	5	5	13	28	25	19	19	10	4	0	134	0.54
204	Leuk. Lymphatic	54	70	66	55	41	39	18	9	12	12	11	11	15	12	8	6	0	439	1.79
205	Leuk. Myelocytic	18	21	45	57	63	63	79	69	60	47	33	28	24	15	7	4	0	633	2.57
206	Leuk. Monocytic	3	2	4	2	0	3	6	3	2	3	1	1	1	1	0	0	0	32	0.13
207	Leuk. Misc.	1	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	4	0.02
208	Leuk. Unspecified	15	8	7	8	7	6	8	3	2	4	1	5	7	1	0	0	0	82	0.33
	All Sites	252	303	345	493	640	776	896	1261	1832	2716	3360	3500	3390	2337	1522	965	0	24588	100.00

**Table: CHN - 1(b): Number of Cancers by Site (ICD-9) and 5 Year Age Group:
1984 - 93 - Females**

ANS=Age Not Specified ; %= Relative Proportion of Cancers of All Sites.

Chennai

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	1	5	15	19	14	7	6	9	4	0	81	0.28
141	Tongue	0	0	0	3	3	12	11	26	41	62	73	61	58	42	26	30	0	448	1.56
142	Salivary Glands	0	2	1	4	0	8	8	12	10	12	13	12	5	4	3	1	0	95	0.33
143	Gum	0	0	1	1	1	4	6	18	41	84	101	89	90	40	23	19	0	518	1.81
144	Floor Of Mouth	0	0	0	0	0	1	2	0	4	8	6	6	6	5	0	1	0	39	0.14
145	Other Mouth	1	2	2	2	2	22	42	83	148	215	310	240	264	110	73	45	0	1561	5.44
146	Oropharynx	0	0	1	0	1	4	5	7	7	16	28	25	19	6	2	4	0	125	0.44
147	Nasopharynx	0	1	11	16	11	13	7	5	4	6	8	9	5	5	1	1	0	103	0.36
148	Hypopharynx	0	0	1	9	16	32	38	76	64	109	66	76	49	32	16	9	0	593	2.07
149	Pharynx Etc.	0	0	0	0	0	1	5	12	9	13	8	10	7	3	3	1	0	72	0.25
150	Oesophagus	0	0	0	1	6	12	13	44	76	166	160	164	168	109	68	37	0	1024	3.57
151	Stomach	0	0	0	1	11	27	31	43	67	96	97	103	89	59	14	17	0	655	2.28
152	Small Intes.	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	4	0.01
153	Colon	0	0	1	0	2	5	6	14	8	16	17	20	15	5	5	2	0	116	0.40
154	Rectum	0	0	1	4	8	21	23	31	32	51	68	67	69	26	22	16	0	439	1.53
155	Liver	3	0	0	0	1	5	5	6	7	11	12	9	9	10	4	3	0	85	0.30
156	Gall Bladder	0	0	0	0	1	0	2	3	5	7	4	6	8	3	2	1	0	42	0.15
157	Pancreas	0	0	2	0	2	4	1	5	7	6	9	9	11	3	1	1	0	61	0.21
158	Retroperit.	0	1	0	0	2	7	2	7	3	3	2	2	6	4	1	0	0	40	0.14
159	Other Dig. Sys.	0	0	0	1	0	0	0	2	0	1	0	1	1	0	1	0	0	7	0.02
160	Nasal Cavity	1	1	3	1	5	9	7	10	14	19	17	15	20	9	3	3	0	137	0.48
161	Larynx	0	0	1	3	1	3	3	5	9	12	12	16	19	8	9	5	0	106	0.37
162	Lung	0	0	0	1	5	3	7	11	18	26	47	46	36	23	7	5	0	235	0.82
163	Pleura	0	0	0	0	0	0	0	1	0	1	2	1	3	1	0	0	0	9	0.03
164	Thymus	3	0	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0	8	0.03
165	Other Resp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170	Bone	4	17	51	77	31	22	10	14	4	11	6	3	6	2	2	0	0	260	0.91
171	Conn. Tiss.	17	10	16	20	21	33	22	32	25	17	16	4	15	5	4	3	0	260	0.91
172	Skin Melanoma	0	0	0	0	0	3	3	6	9	12	9	7	5	3	2	1	0	60	0.21
173	Skin Other	1	1	2	4	3	12	14	19	15	32	29	18	25	21	12	17	0	225	0.78
174	Breast	0	0	0	6	22	127	289	575	654	742	711	547	386	237	148	102	0	4546	15.85
179	Uterus Nos.	0	0	1	0	2	1	2	2	6	8	4	6	4	1	4	2	0	43	0.15
180	Cervix	0	0	0	4	42	263	673	1437	1812	2376	2034	1554	1113	490	219	96	0	12113	42.23
181	Placenta	0	0	0	8	18	23	4	3	5	0	0	0	0	0	0	0	0	61	0.21
182	Body Uterus	0	0	0	0	2	4	3	25	20	30	66	74	55	38	18	13	0	348	1.21
183	Ovary	3	4	12	38	41	38	46	78	99	136	114	100	100	42	21	12	0	884	3.08
184	Vagina	3	0	0	2	3	14	27	68	76	130	127	93	73	45	31	17	0	709	2.47
188	Uri. Bladder	1	0	0	1	0	1	3	6	5	8	8	17	15	13	6	6	0	90	0.31
189	Kidney	7	5	2	1	3	2	4	1	2	8	9	9	9	2	1	1	0	66	0.23
190	Eye	64	10	0	1	3	0	0	2	1	6	1	1	2	3	1	0	0	95	0.33
191	Brain	3	6	4	1	3	4	2	7	4	1	1	2	2	1	0	0	0	41	0.14
192	Nervous Sy.	0	0	0	0	1	2	0	1	0	0	0	0	0	0	0	0	0	4	0.01
193	Thyroid Gland	0	1	3	9	34	36	56	43	40	59	49	36	39	25	17	4	0	451	1.57
194	Oth. Endo. Glands	6	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	9	0.03
195	Ill Def. Site	3	0	1	5	3	9	6	9	8	17	16	16	12	10	3	4	0	122	0.43
196	Sec. Lymph Node	2	0	1	8	4	9	11	19	19	34	32	35	31	9	6	7	0	227	0.79
197	Sec. Res. Etc.	1	0	1	2	0	8	6	16	16	22	36	39	26	16	16	5	0	210	0.73
198	Sec. Other	0	1	0	1	1	2	4	5	10	10	13	8	4	6	3	1	0	69	0.24
199	Prim. Unknown	2	0	0	0	0	1	0	0	0	0	1	0	0	1	1	0	0	6	0.02
200	Lymphosarcoma	1	3	12	3	12	5	6	11	13	9	7	11	7	6	5	2	0	113	0.39
201	Hodgkin's Disease	0	14	12	11	13	13	8	3	8	8	5	3	4	1	0	0	0	103	0.36
202	Oth. Lymphoma	5	10	16	16	16	19	14	21	16	24	27	16	19	11	6	6	0	242	0.84
203	Multi. Myeloma	0	0	0	0	0	1	0	4	5	10	14	12	13	5	7	0	0	71	0.25
204	Leuk. Lymphatic	28	33	29	17	13	5	9	2	8	4	7	4	8	7	6	1	0	181	0.63
205	Leuk. Myelocytic	5	26	26	24	40	44	38	50	34	43	24	21	9	6	5	2	0	397	1.38
206	Leuk. Monocytic	2	2	2	3	0	2	1	2	1	2	2	1	0	1	0	0	0	21	0.07
207	Leuk. Misc.	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	4	0.01
208	Leuk. Unspecified	2	9	2	7	3	5	5	1	3	5	2	5	0	2	0	0	0	51	0.18
	All Sites	168	160	219	317	413	903	1492	2885	3498	4721	4451	3644	2946	1524	837	507	0	28685	100.00

**Table: CHN - 2 (a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Method of Diagnosis
1984 - 93 - Males
Chennai**

ICD-9	Site	Clinical		Microscopic		X - Ray		Others		Total	
		#	%	#	%	#	%	#	%	#	%
140	Lip	62	44.6	77	55.4	0	0.0	0	0.0	139	100.0
141	Tongue	828	42.9	1095	56.7	1	0.1	6	0.3	1930	100.0
142	Salivary Glands	51	31.7	110	68.3	0	0.0	0	0.0	161	100.0
143	Gum	215	37.9	352	62.1	0	0.0	0	0.0	567	100.0
144	Floor Of Mouth	84	28.6	210	71.4	0	0.0	0	0.0	294	100.0
145	Other Mouth	898	46.4	1036	53.6	0	0.0	0	0.0	1934	100.0
146	Oropharynx	328	38.0	527	61.1	1	0.1	7	0.8	863	100.0
147	Nasopharynx	70	27.0	186	71.8	1	0.4	2	0.8	259	100.0
148	Hypopharynx	640	36.0	1089	61.2	5	0.3	44	2.5	1778	100.0
149	Pharynx Etc.	81	42.2	106	55.2	0	0.0	5	2.6	192	100.0
150	Oesophagus	196	9.5	1468	70.8	263	12.7	146	7.0	2073	100.0
151	Stomach	414	23.0	1065	59.2	127	7.1	192	10.7	1798	100.0
152	Small Intes.	3	11.5	18	69.2	1	3.8	4	15.4	26	100.0
153	Colon	39	15.6	186	74.4	17	6.8	8	3.2	250	100.0
154	Rectum	157	23.1	508	74.7	5	0.7	10	1.5	680	100.0
155	Liver	70	15.9	320	72.6	44	10.0	7	1.6	441	100.0
156	Gall Bladder	19	29.7	26	40.6	10	15.6	9	14.1	64	100.0
157	Pancreas	41	31.1	41	31.1	33	25.0	17	12.9	132	100.0
158	Retroperit.	5	7.7	55	84.6	3	4.6	2	3.1	65	100.0
159	Other Dig. Sys.	1	16.7	4	66.7	1	16.7	0	0.0	6	100.0
160	Nasal Cavity	79	29.0	179	65.8	11	4.0	3	1.1	272	100.0
161	Larynx	247	23.0	780	72.7	1	0.1	45	4.2	1073	100.0
162	Lung	146	9.1	1048	65.4	374	23.3	35	2.2	1603	100.0
163	Pleura	2	16.7	10	83.3	0	0.0	0	0.0	12	100.0
164	Thymus	3	10.7	18	64.3	6	21.4	1	3.6	28	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	20	4.6	391	89.7	25	5.7	0	0.0	436	100.0
171	Conn. Tiss.	16	3.3	462	95.1	8	1.6	0	0.0	486	100.0
172	Skin Melanoma	6	4.2	138	95.8	0	0.0	0	0.0	144	100.0
173	Skin Other	34	8.5	363	91.2	1	0.3	0	0.0	398	100.0
175	Breast Male	9	16.4	46	83.6	0	0.0	0	0.0	55	100.0
185	Prostate	57	19.9	223	78.0	6	2.1	0	0.0	286	100.0
186	Testis	31	10.3	268	89	2	0.7	0	0.0	301	100.0
187	Penis Etc.	269	34.4	512	65.5	0	0.0	1	0.1	782	100.0
188	Uri. Bladder	37	11.9	254	81.4	13	4.2	8	2.6	312	100.0
189	Kidney	16	9.8	124	76.1	18	11.0	5	3.1	163	100.0
190	Eye	15	10.2	131	89.1	1	0.7	0	0.0	147	100.0
191	Brain	4	4.7	72	83.7	7	8.1	3	3.5	86	100.0
192	Nervous Sy.	0	0.0	6	100.0	0	0.0	0	0.0	6	100.0
193	Thyroid Gland	51	17.8	228	79.4	8	2.8	0	0.0	287	100.0
194	Oth. Endo. Glands	1	7.7	10	76.9	1	7.7	1	7.7	13	100.0
195	Ill Def. Site	82	45.3	83	45.9	9	5.0	7	3.9	181	100.0
196	Sec. Lymph Node	211	30.9	471	69.1	0	0.0	0	0.0	682	100.0
197	Sec. Res. Etc.	154	38.3	127	31.6	99	24.6	22	5.5	402	100.0
198	Sec. Other	12	8.5	102	71.8	28	19.7	0	0.0	142	100.0
199	Prim. Unknown	20	71.4	1	3.6	7	25.0	0	0.0	28	100.0
200	Lymphosarcoma	0	0.0	288	100.0	0	0.0	0	0.0	288	100.0
201	Hodgkin's Disease	2	0.6	325	99.4	0	0.0	0	0.0	327	100.0
202	Oth. Lymphoma	25	3.7	643	95.7	4	0.6	0	0.0	672	100.0
203	Multi. Myeloma	2	1.5	123	91.8	5	3.7	4	3.0	134	100.0
204	Leuk. Lymphatic	0	0.0	439	100.0	0	0.0	0	0.0	439	100.0
205	Leuk. Myelocytic	0	0.0	633	100.0	0	0.0	0	0.0	633	100.0
206	Leuk. Monocytic	0	0.0	32	100.0	0	0.0	0	0.0	32	100.0
207	Leuk. Misc.	0	0.0	4	100.0	0	0.0	0	0.0	4	100.0
208	Leuk. Unspecified	3	3.7	79	96.3	0	0.0	0	0.0	82	100.0
	All Sites	5756	23.4	17092	69.5	1146	4.7	594	2.4	24588	100.0

**Table: CHN - 2 (b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Method of Diagnosis
1984 - 93 - Females
Chennai**

ICD-9	Site	Clinical		Microscopic		X - Ray		Others		Total	
		#	%	#	%	#	%	#	%	#	%
140	Lip	38	46.9	43	53.1	0	0.0	0	0.0	81	100.0
141	Tongue	188	42.0	260	58.0	0	0.0	0	0.0	448	100.0
142	Salivary Glands	26	27.4	69	72.6	0	0.0	0	0.0	95	100.0
143	Gum	198	38.2	320	61.8	0	0.0	0	0.0	518	100.0
144	Floor Of Mouth	17	43.6	22	56.4	0	0.0	0	0.0	39	100.0
145	Other Mouth	756	48.4	804	51.5	1	0.1	0	0.0	1561	100.0
146	Oropharynx	42	33.6	83	66.4	0	0.0	0	0.0	125	100.0
147	Nasopharynx	20	19.4	80	77.7	2	1.9	1	1.0	103	100.0
148	Hypopharynx	195	32.9	381	64.2	2	0.3	15	2.5	593	100.0
149	Pharynx Etc.	31	43.1	39	54.2	0	0.0	2	2.8	72	100.0
150	Oesophagus	95	9.3	724	70.7	118	11.5	87	8.5	1024	100.0
151	Stomach	147	22.4	398	60.8	42	6.4	68	10.4	655	100.0
152	Small Intes.	0	0.0	3	75.0	0	0.0	1	25.0	4	100.0
153	Colon	16	13.8	84	72.4	8	6.9	8	6.9	116	100.0
154	Rectum	84	19.1	349	79.5	4	0.9	2	0.5	439	100.0
155	Liver	10	11.8	63	74.1	10	11.8	2	2.4	85	100.0
156	Gall Bladder	5	11.9	25	59.5	8	19.0	4	9.5	42	100.0
157	Pancreas	15	24.6	18	29.5	18	29.5	10	16.4	61	100.0
158	Retroperit.	9	22.5	29	72.5	2	5.0	0	0.0	40	100.0
159	Other Dig. Sys.	0	0.0	7	100.0	0	0.0	0	0.0	7	100.0
160	Nasal Cavity	37	27.0	97	70.8	3	2.2	0	0.0	137	100.0
161	Larynx	33	31.1	69	65.1	1	0.9	3	2.8	106	100.0
162	Lung	29	12.3	154	65.5	51	21.7	1	0.4	235	100.0
163	Pleura	1	11.1	7	77.8	1	11.1	0	0.0	9	100.0
164	Thymus	0	0.0	5	62.5	3	37.5	0	0.0	8	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	7	2.7	238	91.5	15	5.8	0	0.0	260	100.0
171	Conn. Tiss.	12	4.6	243	93.5	5	1.9	0	0.0	260	100.0
172	Skin Melanoma	2	3.3	58	96.7	0	0.0	0	0.0	60	100.0
173	Skin Other	30	13.3	195	86.7	0	0.0	0	0.0	225	100.0
174	Breast	680	15.0	3845	84.6	21	0.5	0	0.0	4546	100.0
179	Uterus Nos.	9	20.9	34	79.1	0	0.0	0	0.0	43	100.0
180	Cervix	4081	33.7	8031	66.3	0	0.0	1	0.0	12113	100.0
181	Placenta	8	13.1	51	83.6	2	3.3	0	0.0	61	100.0
182	Body Uterus	30	8.6	316	90.8	2	0.6	0	0.0	348	100.0
183	Ovary	100	11.3	750	84.8	21	2.4	13	1.5	884	100.0
184	Vagina	228	32.2	478	67.4	2	0.3	1	0.1	709	100.0
188	Uri. Bladder	7	7.8	76	84.4	3	3.3	4	4.4	90	100.0
189	Kidney	7	10.6	49	74.2	9	13.6	1	1.5	66	100.0
190	Eye	7	7.4	87	91.6	1	1.1	0	0.0	95	100.0
191	Brain	2	4.9	34	82.9	4	9.8	1	2.4	41	100.0
192	Nervous Sy.	0	0.0	4	100.0	0	0.0	0	0.0	4	100.0
193	Thyroid Gland	67	14.9	367	81.4	17	3.8	0	0.0	451	100.0
194	Oth. Endo. Glands	1	11.1	8	88.9	0	0.0	0	0.0	9	100.0
195	Ill Def. Site	57	46.7	57	46.7	6	4.9	2	1.6	122	100.0
196	Sec. Lymph Node	73	32.2	153	67.4	1	0.4	0	0.0	227	100.0
197	Sec. Res. Etc.	61	29.0	88	41.9	44	21.0	17	8.1	210	100.0
198	Sec. Other	13	18.8	38	55.1	18	26.1	0	0.0	69	100.0
199	Prim. Unknown	5	83.3	0	0.0	1	16.7	0	0.0	6	100.0
200	Lymphosarcoma	1	0.9	112	99.1	0	0.0	0	0.0	113	100.0
201	Hodgkin's Disease	1	1.0	102	99.0	0	0.0	0	0.0	103	100.0
202	Oth. Lymphoma	8	3.3	234	96.7	0	0.0	0	0.0	242	100.0
203	Multi. Myeloma	0	0.0	71	100.0	0	0.0	0	0.0	71	100.0
204	Leuk. Lymphatic	0	0.0	181	100.0	0	0.0	0	0.0	181	100.0
205	Leuk. Myelocytic	1	0.3	396	99.7	0	0.0	0	0.0	397	100.0
206	Leuk. Monocytic	0	0.0	21	100.0	0	0.0	0	0.0	21	100.0
207	Leuk. Misc.	0	0.0	4	100.0	0	0.0	0	0.0	4	100.0
208	Leuk. Unspecified	1	2.0	50	98.0	0	0.0	0	0.0	51	100.0
	All Sites	7491	26.1	20504	71.5	446	1.6	244	0.9	28685	100.0

**Table: CHN - 3(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Detailed Microscopic Diagnosis
1984 - 93 - Males
Chennai**

ICD-9	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	76	54.7	0	0.0	1	0.7	0	0.0	0	0.0	62	44.6	139	100.0
141	Tongue	1079	55.9	14	0.7	2	0.1	0	0.0	0	0.0	835	43.3	1930	100.0
142	Salivary Glands	91	56.5	6	3.7	13	8.1	0	0.0	0	0.0	51	31.7	161	100.0
143	Gum	350	61.7	2	0.4	0	0.0	0	0.0	0	0.0	215	37.9	567	100.0
144	Floor of Mouth	208	70.7	1	0.3	1	0.3	0	0.0	0	0.0	84	28.6	294	100.0
145	Other Mouth	1031	53.3	4	0.2	1	0.1	0	0.0	0	0.0	898	46.4	1934	100.0
146	Oropharynx	512	59.3	13	1.5	2	0.2	0	0.0	0	0.0	336	38.9	863	100.0
147	Nasopharynx	156	60.2	26	10.0	4	1.5	0	0.0	0	0.0	73	28.2	259	100.0
148	Hypopharynx	1061	59.7	20	1.1	8	0.4	0	0.0	0	0.0	689	38.8	1778	100.0
149	Pharynx Etc.	103	53.6	3	1.6	0	0.0	0	0.0	0	0.0	86	44.8	192	100.0
150	Oesophagus	1456	70.2	8	0.4	4	0.2	0	0.0	0	0.0	605	29.2	2073	100.0
151	Stomach	999	55.6	46	2.6	20	1.1	0	0.0	0	0.0	733	40.8	1798	100.0
152	Small Intes.	18	69.2	0	0.0	0	0.0	0	0.0	0	0.0	8	30.8	26	100.0
153	Colon	170	68.0	10	4.0	6	2.4	0	0.0	0	0.0	64	25.6	250	100.0
154	Rectum	497	73.1	8	1.2	3	0.4	0	0.0	0	0.0	172	25.3	680	100.0
155	Liver	265	60.1	0	0.0	55	12.5	0	0.0	0	0.0	121	27.4	441	100.0
156	Gall Bladder	17	26.6	6	9.4	3	4.7	0	0.0	0	0.0	38	59.4	64	100.0
157	Pancreas	27	20.5	6	4.5	8	6.1	0	0.0	0	0.0	91	68.9	132	100.0
158	Retroperito.	49	75.4	1	1.5	5	7.7	0	0.0	0	0.0	10	15.4	65	100.0
159	Other Dig. Sys.	0	0.0	3	50.0	1	16.7	0	0.0	0	0.0	2	33.3	6	100.0
160	Nasal Cavity	175	64.3	0	0.0	4	1.5	0	0.0	0	0.0	93	34.2	272	100.0
161	Larynx	775	72.2	4	0.4	1	0.1	0	0.0	0	0.0	293	27.3	1073	100.0
162	Lung	636	39.7	183	11.4	229	14.3	0	0.0	0	0.0	555	34.6	1603	100.0
163	Pleura	7	58.3	0	0.0	3	25.0	0	0.0	0	0.0	2	16.7	12	100.0
164	Thymus	15	53.6	0	0.0	3	10.7	0	0.0	0	0.0	10	35.7	28	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	373	85.6	4	0.9	14	3.2	0	0.0	0	0.0	45	10.3	436	100.0
171	Conn. Tiss.	441	90.7	3	0.6	18	3.7	0	0.0	0	0.0	24	4.9	486	100.0
172	Skin Melanoma	127	88.2	6	4.2	5	3.5	0	0.0	0	0.0	6	4.2	144	100.0
173	Skin Other	349	87.7	10	2.5	4	1.0	0	0.0	0	0.0	35	8.8	398	100.0
175	Breast Male	43	78.2	1	1.8	2	3.6	0	0.0	0	0.0	9	16.4	55	100.0
185	Prostate	199	69.6	5	1.7	19	6.6	0	0.0	0	0.0	63	22.0	286	100.0
186	Testis	240	79.7	13	4.3	15	5.0	0	0.0	0	0.0	33	11.0	301	100.0
187	Penis Etc.	500	63.9	10	1.3	2	0.3	0	0.0	0	0.0	270	34.5	782	100.0
188	Uri. Bladder	246	78.8	1	0.3	7	2.2	0	0.0	0	0.0	58	18.6	312	100.0
189	Kidney	102	62.6	12	7.4	10	6.1	0	0.0	0	0.0	39	23.9	163	100.0
190	Eye	129	87.8	1	0.7	1	0.7	0	0.0	0	0.0	16	10.9	147	100.0
191	Brain	72	83.7	0	0.0	0	0.0	0	0.0	0	0.0	14	16.3	86	100.0
192	Nervous Sy.	4	66.7	0	0.0	2	33.3	0	0.0	0	0.0	0	0.0	6	100.0
193	Thyroid Gland	186	64.8	25	8.7	17	5.9	0	0.0	0	0.0	59	20.6	287	100.0
194	Oth. Endo. Glands	5	38.5	3	23.1	1	7.7	0	0.0	1	7.7	3	23.1	13	100.0
195	Ill Def. Site	45	24.9	19	10.5	19	10.5	0	0.0	0	0.0	98	54.1	181	100.0
196	Sec. Lymph Node	0	0.0	407	59.7	64	9.4	0	0.0	0	0.0	211	30.9	682	100.0
197	Sec. Res. Etc.	0	0.0	76	18.9	51	12.7	0	0.0	0	0.0	275	68.4	402	100.0
198	Sec. Other	0	0.0	88	62.0	14	9.9	0	0.0	0	0.0	40	28.2	142	100.0
199	Prim. Unknown	0	0.0	0	0.0	0	0.0	0	0.0	1	3.6	27	96.4	28	100.0
200	Lymphosarcoma	282	97.9	0	0.0	6	2.1	0	0.0	0	0.0	0	0.0	288	100.0
201	Hodgkin's Disease	323	98.8	0	0.0	0	0.0	0	0.0	2	0.6	2	0.6	327	100.0
202	Oth. Lymphoma	606	90.2	0	0.0	27	4.0	0	0.0	10	1.5	29	4.3	672	100.0
203	Mult. Myeloma	4	3.0	0	0.0	1	0.7	0	0.0	118	88.1	11	8.2	134	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	1	0.2	25	5.7	413	94.1	0	0.0	439	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	48	7.6	585	92.4	0	0.0	633	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	1	3.1	31	96.9	0	0.0	32	100.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	0	0.0	4	99.9	0	0.0	4	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	22	26.8	57	69.5	3	3.7	82	100.0
	All Sites	14049	57.1	1048	4.3	677	2.8	96	0.4	1222	5	7496	30.5	24588	100.0

**Table: CHN - 3(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Detailed Microscopic Diagnosis
1984 - 93 - Females
Chennai**

ICD-9	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	41	50.6	1	1.2	1	1.2	0	0.0	0	0.0	38	46.9	81	100.0
141	Tongue	260	58.0	0	0.0	0	0.0	0	0.0	0	0.0	188	42.0	448	100.0
142	Salivary Glands	58	61.1	5	5.3	6	6.3	0	0.0	0	0.0	26	27.4	95	100.0
143	Gum	319	61.6	1	0.2	0	0.0	0	0.0	0	0.0	198	38.2	518	100.0
144	Floor of Mouth	20	51.3	2	5.1	0	0.0	0	0.0	0	0.0	17	43.6	39	100.0
145	Other Mouth	802	51.4	0	0.0	2	0.1	0	0.0	0	0.0	757	48.5	1561	100.0
146	Oropharynx	81	64.8	2	1.6	0	0.0	0	0.0	0	0.0	42	33.6	125	100.0
147	Nasopharynx	71	68.9	8	7.8	1	1.0	0	0.0	0	0.0	23	22.3	103	100.0
148	Hypopharynx	379	63.9	2	0.3	0	0.0	0	0.0	0	0.0	212	35.8	593	100.0
149	Pharynx Etc.	38	52.8	1	1.4	0	0.0	0	0.0	0	0.0	33	45.8	72	100.0
150	Oesophagus	712	69.5	4	0.4	8	0.8	0	0.0	0	0.0	300	29.3	1024	100.0
151	Stomach	371	56.6	22	3.4	5	0.8	0	0.0	0	0.0	257	39.2	655	100.0
152	Small Intes.	2	50.0	1	25.0	0	0.0	0	0.0	0	0.0	1	25.0	4	100.0
153	Colon	79	68.1	4	3.4	1	0.9	0	0.0	0	0.0	32	27.6	116	100.0
154	Rectum	343	78.1	3	0.7	3	0.7	0	0.0	0	0.0	90	20.5	439	100.0
155	Liver	53	62.4	0	0.0	10	11.8	0	0.0	0	0.0	22	25.9	85	100.0
156	Gall Bladder	21	50.0	3	7.1	1	2.4	0	0.0	0	0.0	17	40.5	42	100.0
157	Pancreas	10	16.4	5	8.2	3	4.9	0	0.0	0	0.0	43	70.5	61	100.0
158	Retroperito.	26	65.0	0	0.0	3	7.5	0	0.0	0	0.0	11	27.5	40	100.0
159	Other Dig. Sys.	1	14.3	5	71.4	1	14.3	0	0.0	0	0.0	0	0.0	7	100.0
160	Nasal Cavity	97	70.8	0	0.0	0	0.0	0	0.0	0	0.0	40	29.2	137	100.0
161	Larynx	69	65.1	0	0.0	0	0.0	0	0.0	0	0.0	37	34.9	106	100.0
162	Lung	85	36.2	33	14.0	36	15.3	0	0.0	0	0.0	81	34.5	235	100.0
163	Pleura	2	22.2	1	11.1	4	44.4	0	0.0	0	0.0	2	22.2	9	100.0
164	Thymus	5	62.5	0	0.0	0	0.0	0	0.0	0	0.0	3	37.5	8	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	232	89.2	1	0.4	4	1.5	0	0.0	1	0.4	22	8.5	260	100.0
171	Conn. Tiss.	235	90.4	1	0.4	7	2.7	0	0.0	0	0.0	17	6.5	260	100.0
172	Skin Melanoma	56	93.3	0	0.0	2	3.3	0	0.0	0	0.0	2	3.3	60	100.0
173	Skin Other	190	84.4	3	1.3	2	0.9	0	0.0	0	0.0	30	13.3	225	100.0
174	Breast Female	3350	73.7	50	1.1	445	9.8	0	0.0	0	0.0	701	15.4	4546	100.0
179	Uterus Nos.	33	76.7	0	0.0	1	2.3	0	0.0	0	0.0	9	20.9	43	100.0
180	Cervix	7963	65.7	5	0.0	63	0.5	0	0.0	0	0.0	4082	33.7	12113	100.0
181	Placenta	49	80.3	1	1.6	1	1.6	0	0.0	0	0.0	10	16.4	61	100.0
182	Body Uterus	310	89.1	0	0.0	6	1.7	0	0.0	0	0.0	32	9.2	348	100.0
183	Ovary	616	69.7	40	4.5	94	10.6	0	0.0	0	0.0	134	15.2	884	100.0
184	Vagina	462	65.2	2	0.3	14	2.0	0	0.0	0	0.0	231	32.6	709	100.0
188	Uri. Bladder	74	82.2	2	2.2	0	0.0	0	0.0	0	0.0	14	15.6	90	100.0
189	Kidney	41	62.1	4	6.1	4	6.1	0	0.0	0	0.0	17	25.8	66	100.0
190	Eye	86	90.5	0	0.0	1	1.1	0	0.0	0	0.0	8	8.4	95	100.0
191	Brain	33	80.5	1	2.4	0	0.0	0	0.0	0	0.0	7	17.1	41	100.0
192	Nervous Sy.	4	99.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	100.0
193	Thyroid Gland	317	70.3	20	4.4	30	6.7	0	0.0	0	0.0	84	18.6	451	100.0
194	Oth. Endo. Glands	5	55.6	3	33.3	0	0.0	0	0.0	0	0.0	1	11.1	9	100.0
195	Ill Def. Site	20	16.4	17	13.9	20	16.4	0	0.0	0	0.0	65	53.3	122	100.0
196	Sec. Lymph Node	0	0.0	133	58.6	20	8.8	0	0.0	0	0.0	74	32.6	227	100.0
197	Sec. Res. Etc.	0	0.0	50	23.8	38	18.1	0	0.0	0	0.0	122	58.1	210	100.0
198	Sec. Other	0	0.0	32	46.4	6	8.7	0	0.0	0	0.0	31	44.9	69	100.0
199	Prim. Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6	99.9	6	100.0
200	Lymphosarcoma	110	97.3	0	0.0	2	1.8	0	0.0	0	0.0	1	0.9	113	100.0
201	Hodgkin's Disease	102	99.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.0	103	100.0
202	Oth. Lymphoma	212	87.6	0	0.0	15	6.2	0	0.0	7	2.9	8	3.3	242	100.0
203	Mult. Myeloma	0	0.0	0	0.0	0	0.0	1	1.4	70	98.6	0	0.0	71	100.0
204	Leuk. Lymphatic	1	0.6	0	0.0	0	0.0	18	9.9	162	89.5	0	0.0	181	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	31	7.8	365	91.9	1	0.3	397	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	21	99.9	0	0.0	21	100.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	0	0.0	4	99.9	0	0.0	4	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	16	31.4	34	66.7	1	2.0	51	100.0
	All Sites	18446	64.3	468	1.6	860	3.0	66	0.2	664	2.3	8181	28.5	28685	100.0

**Table: CHN - 4(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Broad Treatment Group
1984 - 93 - Males
Chennai**

ICD-9	Site	Prior Tmt.		Prior +at RI		Only at RI		No CDT*		Total	
		#	%	#	%	#	%	#	%	#	%
140	Lip	18	12.9	3	2.2	70	50.4	48	34.5	139	100.0
141	Tongue	328	17.0	13	0.7	732	37.9	857	44.4	1930	100.0
142	Salivary Glands	46	28.6	27	16.8	34	21.1	54	33.5	161	100.0
143	Gum	78	13.8	11	1.9	271	47.8	207	36.5	567	100.0
144	Floor Of Mouth	44	15.0	3	1.0	155	52.7	92	31.3	294	100.0
145	Other Mouth	364	18.8	15	0.8	846	43.7	709	36.7	1934	100.0
146	Oropharynx	143	16.6	6	0.7	350	40.6	364	42.2	863	100.0
147	Nasopharynx	69	26.6	5	1.9	121	46.7	64	24.7	259	100.0
148	Hypopharynx	297	16.7	8	0.4	615	34.6	858	48.3	1778	100.0
149	Pharynx Etc.	30	15.6	2	1.0	58	30.2	102	53.1	192	100.0
150	Oesophagus	202	9.7	10	0.5	728	35.1	1133	54.7	2073	100.0
151	Stomach	413	23.0	33	1.8	208	11.6	1144	63.6	1798	100.0
152	Small Intes.	12	46.2	2	7.7	2	7.7	10	38.5	26	100.0
153	Colon	128	51.2	21	8.4	34	13.6	67	26.8	250	100.0
154	Rectum	131	19.3	14	2.1	185	27.2	350	51.5	680	100.0
155	Liver	41	9.3	2	0.5	34	7.7	364	82.5	441	100.0
156	Gall Bladder	23	35.9	1	1.6	3	4.7	37	57.8	64	100.0
157	Pancreas	40	30.3	2	1.5	15	11.4	75	56.8	132	100.0
158	Retroperit.	19	29.2	6	9.2	11	16.9	29	44.6	65	100.0
159	Other Dig. Sys.	0	0.0	0	0.0	0	0.0	6	100.0	6	100.0
160	Nasal Cavity	60	22.1	13	4.8	104	38.2	95	34.9	272	100.0
161	Larynx	169	15.8	27	2.5	538	50.1	339	31.6	1073	100.0
162	Lung	178	11.1	16	1.0	380	23.7	1029	64.2	1603	100.0
163	Pleura	5	41.7	0	0.0	0	0.0	7	58.3	12	100.0
164	Thymus	12	42.9	2	7.1	9	32.1	5	17.9	28	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	81	18.6	23	5.3	156	35.8	176	40.4	436	100.0
171	Conn. Tiss.	136	28.0	76	15.6	113	23.3	161	33.1	486	100.0
172	Skin Melanoma	34	23.6	12	8.3	28	19.4	70	48.6	144	100.0
173	Skin Other	74	18.6	36	9.0	132	33.2	156	39.2	398	100.0
175	Breast Male	18	32.7	6	10.9	18	32.7	13	23.6	55	100.0
185	Prostate	120	42.0	22	7.7	44	15.4	100	35.0	286	100.0
186	Testis	91	30.2	136	45.2	39	13.0	35	11.6	301	100.0
187	Penis Etc.	180	23.0	29	3.7	262	33.5	311	39.8	782	100.0
188	Uri. Bladder	85	27.2	30	9.6	82	26.3	115	36.9	312	100.0
189	Kidney	56	34.4	18	11.0	26	16.0	63	38.7	163	100.0
190	Eye	49	33.3	41	27.9	18	12.2	39	26.5	147	100.0
191	Brain	40	46.5	25	29.1	7	8.1	14	16.3	86	100.0
192	Nervous Sy.	2	33.3	1	16.7	1	16.7	2	33.3	6	100.0
193	Thyroid Gland	65	22.6	22	7.7	80	27.9	120	41.8	287	100.0
194	Oth. Endo. Glands	2	15.4	3	23.1	7	53.8	1	7.7	13	100.0
195	Ill Def. Site	33	18.2	6	3.3	20	11.0	122	67.4	181	100.0
196	Sec. Lymph Node	83	12.2	5	0.7	132	19.4	462	67.7	682	100.0
197	Sec. Res. Etc.	34	8.5	4	1.0	20	5.0	344	85.6	402	100.0
198	Sec. Other	26	18.3	3	2.1	31	21.8	82	57.7	142	100.0
199	Prim. Unknown	2	7.1	0	0.0	2	7.1	24	85.7	28	100.0
200	Lymphosarcoma	18	6.3	15	5.2	196	68.1	59	20.5	288	100.0
201	Hodgkin's Disease	51	15.6	22	6.7	203	62.1	51	15.6	327	100.0
202	Oth. Lymphoma	113	16.8	47	7.0	336	50.0	176	26.2	672	100.0
203	Multi. Myeloma	16	11.9	6	4.5	78	58.2	34	25.4	134	100.0
204	Leuk. Lymphatic	50	11.4	33	7.5	222	50.6	134	30.5	439	100.0
205	Leuk. Myelocytic	75	11.8	40	6.3	270	42.7	248	39.2	633	100.0
206	Leuk. Monocytic	1	3.1	1	3.1	4	12.5	26	81.3	32	100.0
207	Leuk. Misc.	1	25.0	1	25.0	1	25.0	1	25.0	4	100.0
208	Leuk. Unspecified	7	8.5	3	3.7	7	8.5	65	79.3	82	100.0
	All Sites	4393	17.9	908	3.7	8038	32.7	11249	45.7	24588	100.0

* : Cancer Directed Treatment

**Table: CHN - 4(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Broad Treatment Group
1984 - 93 - Females
Chennai**

ICD-9	Site	Prior Tmt.		Prior+at RI		Only at RI		No CDT*		Total	
		#	%	#	%	#	%	#	%	#	%
140	Lip	13	16.0	2	2.5	40	49.4	26	32.1	81	100.0
141	Tongue	77	17.2	4	0.9	195	43.5	172	38.4	448	100.0
142	Salivary Glands	26	27.4	23	24.2	27	28.4	19	20.0	95	100.0
143	Gum	54	10.4	3	0.6	283	54.6	178	34.4	518	100.0
144	Floor Of Mouth	3	7.7	0	0.0	19	48.7	17	43.6	39	100.0
145	Other Mouth	252	16.1	9	0.6	686	43.9	614	39.3	1561	100.0
146	Oropharynx	14	11.2	1	0.8	54	43.2	56	44.8	125	100.0
147	Nasopharynx	21	20.4	0	0.0	54	52.4	28	27.2	103	100.0
148	Hypopharynx	77	13.0	5	0.8	200	33.7	311	52.4	593	100.0
149	Pharynx Etc.	7	9.7	1	1.4	20	27.8	44	61.1	72	100.0
150	Oesophagus	73	7.1	2	0.2	334	32.6	615	60.1	1024	100.0
151	Stomach	148	22.6	16	2.4	66	10.1	425	64.9	655	100.0
152	Small Intes.	0	0.0	0	0.0	2	50.0	2	50.0	4	100.0
153	Colon	51	44.0	20	17.2	9	7.8	36	31.0	116	100.0
154	Rectum	47	10.7	10	2.3	159	36.2	223	50.8	439	100.0
155	Liver	6	7.1	0	0.0	5	5.9	74	87.1	85	100.0
156	Gall Bladder	22	52.4	1	2.4	1	2.4	18	42.9	42	100.0
157	Pancreas	11	18.0	2	3.3	5	8.2	43	70.5	61	100.0
158	Retroperit.	6	15.0	6	15.0	9	22.5	19	47.5	40	100.0
159	Other Dig. Sys.	1	14.3	1	14.3	0	0.0	5	71.4	7	100.0
160	Nasal Cavity	22	16.1	9	6.6	53	38.7	53	38.7	137	100.0
161	Larynx	5	4.7	1	0.9	56	52.8	44	41.5	106	100.0
162	Lung	27	11.5	9	3.8	62	26.4	137	58.3	235	100.0
163	Pleura	1	11.1	0	0.0	1	11.1	7	77.8	9	100.0
164	Thymus	4	50.0	1	12.5	0	0.0	3	37.5	8	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	40	15.4	10	3.8	105	40.4	105	40.4	260	100.0
171	Conn. Tiss.	78	30.0	37	14.2	65	25.0	80	30.8	260	100.0
172	Skin Melanoma	13	21.7	4	6.7	22	36.7	21	35.0	60	100.0
173	Skin Other	41	18.2	19	8.4	88	39.1	77	34.2	225	100.0
174	Breast	963	21.2	930	20.5	1879	41.3	774	17.0	4546	100.0
179	Uterus Nos.	20	46.5	6	14.0	4	9.3	13	30.2	43	100.0
180	Cervix	1141	9.4	140	1.2	5412	44.7	5420	44.7	12113	100.0
181	Placenta	8	13.1	17	27.9	33	54.1	3	4.9	61	100.0
182	Body Uterus	66	19.0	33	9.5	165	47.4	84	24.1	348	100.0
183	Ovary	260	29.4	219	24.8	215	24.3	190	21.5	884	100.0
184	Vagina	87	12.3	35	4.9	256	36.1	331	46.7	709	100.0
188	Uri. Bladder	15	16.7	7	7.8	25	27.8	43	47.8	90	100.0
189	Kidney	21	31.8	8	12.1	10	15.2	27	40.9	66	100.0
190	Eye	41	43.2	26	27.4	8	8.4	20	21.1	95	100.0
191	Brain	19	46.3	14	34.1	2	4.9	6	14.6	41	100.0
192	Nervous Sy.	1	25.0	0	0.0	2	50.0	1	25.0	4	100.0
193	Thyroid Gland	172	38.1	36	8.0	90	20.0	153	33.9	451	100.0
194	Oth. Endo. Glands	1	11.1	1	11.1	5	55.6	2	22.2	9	100.0
195	Ill Def. Site	22	18.0	0	0.0	18	14.8	82	67.2	122	100.0
196	Sec. Lymph Node	16	7.0	3	1.3	45	19.8	163	71.8	227	100.0
197	Sec. Res. Etc.	14	6.7	1	0.5	21	10.0	174	82.9	210	100.0
198	Sec. Other	11	15.9	4	5.8	21	30.4	33	47.8	69	100.0
199	Prim. Unknown	1	16.7	0	0.0	0	0.0	5	83.3	6	100.0
200	Lymphosarcoma	7	6.2	11	9.7	72	63.7	23	20.4	113	100.0
201	Hodgkin's Disease	14	13.6	5	4.9	64	62.1	20	19.4	103	100.0
202	Oth. Lymphoma	35	14.5	15	6.2	117	48.3	75	31.0	242	100.0
203	Multi. Myeloma	8	11.3	4	5.6	42	59.2	17	23.9	71	100.0
204	Leuk. Lymphatic	20	11.0	11	6.1	88	48.6	62	34.3	181	100.0
205	Leuk. Myelocytic	36	9.1	10	2.5	177	44.6	174	43.8	397	100.0
206	Leuk. Monocytic	1	4.8	0	0.0	7	33.3	13	61.9	21	100.0
207	Leuk. Misc.	0	0.0	0	0.0	2	50.0	2	50.0	4	100.0
208	Leuk. Unspecified	3	5.9	1	2.0	4	7.8	43	84.3	51	100.0
	All Sites	4143	14.4	1733	6	11404	39.8	11405	39.8	28685	100.0

* : Cancer Directed Treatment

Table: CHN - 5(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease (Excluding the Cancers Previously Treated)
1984 - 93 - Males
Chennai

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	21	17.8	94	79.7	3	2.5	0	0.0	0	0.0	118	100.0
141	Tongue	82	5.2	1357	85.4	150	9.4	0	0.0	0	0.0	1589	100.0
142	Salivary Glands	3	3.4	68	77.3	17	19.3	0	0.0	0	0.0	88	100.0
143	Gum	17	3.6	434	90.8	27	5.6	0	0.0	0	0.0	478	100.0
144	Floor of Mouth	22	8.9	213	86.2	12	4.9	0	0.0	0	0.0	247	100.0
145	Other Mouth	81	5.2	1359	87.4	115	7.4	0	0.0	0	0.0	1555	100.0
146	Oropharynx	13	1.8	637	89.2	64	9.0	0	0.0	0	0.0	714	100.0
147	Nasopharynx	2	1.1	169	91.4	14	7.6	0	0.0	0	0.0	185	100.0
148	Hypopharynx	31	2.1	1266	85.9	176	11.9	0	0.0	0	0.0	1473	100.0
149	Pharynx Etc.	2	1.3	129	80.6	29	18.1	0	0.0	0	0.0	160	100.0
150	Oesophagus	197	10.6	1270	68.2	394	21.2	0	0.0	0	0.0	1861	100.0
151	Stomach	43	3.2	672	49.7	637	47.1	0	0.0	0	0.0	1352	100.0
152	Small Intes.	1	8.3	7	58.3	4	33.3	0	0.0	0	0.0	12	100.0
153	Colon	6	5.9	62	61.4	33	32.7	0	0.0	0	0.0	101	100.0
154	Rectum	30	5.6	393	73.5	112	20.9	0	0.0	0	0.0	535	100.0
155	Liver	8	2.0	256	64.3	134	33.7	0	0.0	0	0.0	398	100.0
156	Gall Bladder	1	2.5	16	40.0	23	57.5	0	0.0	0	0.0	40	100.0
157	Pancreas	0	0.0	49	54.4	41	45.6	0	0.0	0	0.0	90	100.0
158	Retroperito.	1	2.5	18	45.0	20	50.0	0	0.0	1	2.5	40	100.0
159	Other Dig. Sys.	0	0.0	1	16.7	5	83.3	0	0.0	0	0.0	6	100.0
160	Nasal Cavity	13	6.5	158	79.4	28	14.1	0	0.0	0	0.0	199	100.0
161	Larynx	118	13.5	714	81.4	45	5.1	0	0.0	0	0.0	877	100.0
162	Lung	38	2.7	802	56.9	568	40.3	0	0.0	1	0.1	1409	100.0
163	Pleura	0	0.0	4	57.1	3	42.9	0	0.0	0	0.0	7	100.0
164	Thymus	0	0.0	8	57.1	6	42.9	0	0.0	0	0.0	14	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	51	15.4	236	71.1	45	13.6	0	0.0	0	0.0	332	100.0
171	Conn. Tiss.	44	16.1	174	63.5	56	20.4	0	0.0	0	0.0	274	100.0
172	Skin Melanoma	4	4.1	65	66.3	29	29.6	0	0.0	0	0.0	98	100.0
173	Skin Other	42	14.6	225	78.1	21	7.3	0	0.0	0	0.0	288	100.0
175	Breast Male	1	3.2	29	93.5	1	3.2	0	0.0	0	0.0	31	100.0
185	Prostate	8	5.6	65	45.1	71	49.3	0	0.0	0	0.0	144	100.0
186	Testis	2	2.7	32	43.2	40	54.1	0	0.0	0	0.0	74	100.0
187	Penis Etc.	74	12.9	476	83.1	23	4.0	0	0.0	0	0.0	573	100.0
188	Uri. Bladder	12	6.1	146	74.1	39	19.8	0	0.0	0	0.0	197	100.0
189	Kidney	2	2.2	40	44.9	47	52.8	0	0.0	0	0.0	89	100.0
190	Eye	4	7.0	43	75.4	10	17.5	0	0.0	0	0.0	57	100.0
191	Brain	1	4.8	19	90.5	1	4.8	0	0.0	0	0.0	21	100.0
192	Nervous Sy.	1	33.3	0	0.0	2	66.7	0	0.0	0	0.0	3	100.0
193	Thyroid Gland	8	4.0	162	81.0	30	15.0	0	0.0	0	0.0	200	100.0
194	Oth. Endo. Glands	0	0.0	3	37.5	5	62.5	0	0.0	0	0.0	8	100.0
195	Ill Def. Site	1	0.7	43	30.3	98	69.0	0	0.0	0	0.0	142	100.0
196	Sec. Lymph Node	0	0.0	0	0.0	36	6.1	0	0.0	558	93.9	594	100.0
197	Sec. Res. Etc.	0	0.0	0	0.0	141	38.7	0	0.0	223	61.3	364	100.0
198	Sec. Other	0	0.0	0	0.0	56	49.6	0	0.0	57	50.4	113	100.0
199	Prim. Unknown	0	0.0	0	0.0	21	80.8	0	0.0	5	19.2	26	100.0
200	Lymphosarcoma	1	0.4	0	0.0	0	0.0	254	99.6	0	0.0	255	100.0
201	Hodgkin's Disease	0	0.0	0	0.0	1	0.4	253	99.6	0	0.0	254	100.0
202	Oth. Lymphoma	0	0.0	1	0.2	0	0.0	511	99.8	0	0.0	512	100.0
203	Mult. Myeloma	0	0.0	0	0.0	0	0.0	112	100.0	0	0.0	112	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	356	100.0	0	0.0	356	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	518	100.0	0	0.0	518	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	30	100.0	0	0.0	30	100.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	72	100.0	0	0.0	72	100.0
	All Sites	986	5.1	11915	61.8	3433	17.8	2108	10.9	845	4.4	19287	100.0

**Table: CHN - 5(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease (Excluding the Cancers Previously Treated)
1984 - 93 - Females
Chennai**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	7	10.6	56	84.8	3	4.5	0	0.0	0	0.0	66	100.0
141	Tongue	41	11.2	299	81.5	27	7.4	0	0.0	0	0.0	367	100.0
142	Salivary Glands	4	8.7	38	82.6	4	8.7	0	0.0	0	0.0	46	100.0
143	Gum	9	2.0	437	94.8	15	3.3	0	0.0	0	0.0	461	100.0
144	Floor of Mouth	1	2.8	34	94.4	1	2.8	0	0.0	0	0.0	36	100.0
145	Other Mouth	48	3.7	1185	91.2	67	5.2	0	0.0	0	0.0	1300	100.0
146	Oropharynx	5	4.5	94	85.5	11	10.0	0	0.0	0	0.0	110	100.0
147	Nasopharynx	0	0.0	78	95.1	4	4.9	0	0.0	0	0.0	82	100.0
148	Hypopharynx	20	3.9	431	84.3	60	11.7	0	0.0	0	0.0	511	100.0
149	Pharynx Etc.	0	0.0	53	82.8	11	17.2	0	0.0	0	0.0	64	100.0
150	Oesophagus	91	9.6	688	72.5	170	17.9	0	0.0	0	0.0	949	100.0
151	Stomach	16	3.3	239	48.7	236	48.1	0	0.0	0	0.0	491	100.0
152	Small Intes.	0	0.0	1	25.0	3	75.0	0	0.0	0	0.0	4	100.0
153	Colon	3	6.7	29	64.4	13	28.9	0	0.0	0	0.0	45	100.0
154	Rectum	22	5.8	293	76.7	67	17.5	0	0.0	0	0.0	382	100.0
155	Liver	1	1.3	47	59.5	30	38.0	0	0.0	1	1.3	79	100.0
156	Gall Bladder	0	0.0	10	52.6	9	47.4	0	0.0	0	0.0	19	100.0
157	Pancreas	0	0.0	21	43.8	27	56.3	0	0.0	0	0.0	48	100.0
158	Retroperito.	4	14.3	14	50.0	10	35.7	0	0.0	0	0.0	28	100.0
159	Other Dig. Sys.	0	0.0	1	20.0	4	80.0	0	0.0	0	0.0	5	100.0
160	Nasal Cavity	4	3.8	82	77.4	20	18.9	0	0.0	0	0.0	106	100.0
161	Larynx	15	15.0	79	79.0	6	6.0	0	0.0	0	0.0	100	100.0
162	Lung	6	3.0	109	54.8	84	42.2	0	0.0	0	0.0	199	100.0
163	Pleura	0	0.0	4	50.0	4	50.0	0	0.0	0	0.0	8	100.0
164	Thymus	1	33.3	2	66.7	0	0.0	0	0.0	0	0.0	3	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	37	17.6	147	70.0	26	12.4	0	0.0	0	0.0	210	100.0
171	Conn. Tiss.	26	17.9	99	68.3	20	13.8	0	0.0	0	0.0	145	100.0
172	Skin Melanoma	1	2.3	39	90.7	3	7.0	0	0.0	0	0.0	43	100.0
173	Skin Other	29	17.6	130	78.8	6	3.6	0	0.0	0	0.0	165	100.0
174	Breast Female	70	2.6	2086	78.6	495	18.7	2	0.1	0	0.0	2653	100.0
179	Uterus Nos.	3	17.6	10	58.8	3	17.6	0	0.0	1	5.9	17	100.0
180	Cervix	592	5.5	9809	90.6	430	4.0	1	0.0	0	0.0	10832	100.0
181	Placenta	5	13.9	12	33.3	19	52.8	0	0.0	0	0.0	36	100.0
182	Body Uterus	120	48.2	114	45.8	15	6.0	0	0.0	0	0.0	249	100.0
183	Ovary	23	5.7	260	64.2	121	29.9	1	0.2	0	0.0	405	100.0
184	Vagina	55	9.4	480	81.8	52	8.9	0	0.0	0	0.0	587	100.0
188	Uri. Bladder	4	5.9	44	64.7	20	29.4	0	0.0	0	0.0	68	100.0
189	Kidney	1	2.7	20	54.1	16	43.2	0	0.0	0	0.0	37	100.0
190	Eye	1	3.6	22	78.6	5	17.9	0	0.0	0	0.0	28	100.0
191	Brain	1	12.5	5	62.5	2	25.0	0	0.0	0	0.0	8	100.0
192	Nervous Sy.	2	66.7	1	33.3	0	0.0	0	0.0	0	0.0	3	100.0
193	Thyroid Gland	9	3.7	165	67.9	69	28.4	0	0.0	0	0.0	243	100.0
194	Oth. Endo. Glands	1	14.3	3	42.9	3	42.9	0	0.0	0	0.0	7	100.0
195	Ill Def. Site	1	1.0	30	30.0	69	69.0	0	0.0	0	0.0	100	100.0
196	Sec. Lymph Node	0	0.0	0	0.0	8	3.8	0	0.0	200	96.2	208	100.0
197	Sec. Res. Etc.	0	0.0	0	0.0	82	42.1	0	0.0	113	57.9	195	100.0
198	Sec. Other	0	0.0	0	0.0	21	38.9	0	0.0	33	61.1	54	100.0
199	Prim. Unknown	0	0.0	0	0.0	4	80.0	0	0.0	1	20.0	5	100.0
200	Lymphosarcoma	0	0.0	0	0.0	0	0.0	95	100.0	0	0.0	95	100.0
201	Hodgkin's Disease	0	0.0	0	0.0	0	0.0	84	100.0	0	0.0	84	100.0
202	Oth. Lymphoma	0	0.0	1	0.5	0	0.0	191	99.5	0	0.0	192	100.0
203	Mult. Myeloma	0	0.0	0	0.0	0	0.0	59	100.0	0	0.0	59	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	150	100.0	0	0.0	150	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	351	100.0	0	0.0	351	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	20	100.0	0	0.0	20	100.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	4	100.0	0	0.0	4	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	47	100.0	0	0.0	47	100.0
	All Sites	1279	5.6	17801	78.0	2375	10.4	1005	4.4	349	1.5	22809	100.0

Table: CHN - 6(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Type of Treatment at Reporting Institution (Excluding the Cancers Previously Treated) 1984 - 93 - Males

R-Therapy = Radiotherapy, C-Therapy = Chemotherapy

Chennai

ICD-9 Site	Surgery (S)		R-Therapy (R)		C-Therapy (C)		S+R		S+C		R+C		S+R+C		Others		Unknown		Total	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	0	0.0	64	91.4	0	0.0	0	0.0	0	0.0	5	7.1	1	1.4	0	0.0	0	0.0	70	100.0
141	2	0.3	660	90.2	2	0.3	31	4.2	3	0.4	33	4.5	1	0.1	0	0.0	0	0.0	732	100.0
142	3	8.8	26	76.5	0	0.0	4	11.8	0	0.0	1	2.9	0	0.0	0	0.0	0	0.0	34	100.0
143	0	0.0	235	86.7	0	0.0	14	5.2	1	0.4	20	7.4	1	0.4	0	0.0	0	0.0	271	100.0
144	0	0.0	132	85.2	0	0.0	10	6.5	0	0.0	13	8.4	0	0.0	0	0.0	0	0.0	155	100.0
145	1	0.1	703	83.1	0	0.0	30	3.5	3	0.4	106	12.5	3	0.4	0	0.0	0	0.0	846	100.0
146	0	0.0	337	96.3	1	0.3	10	2.9	0	0.0	2	0.6	0	0.0	0	0.0	0	0.0	350	100.0
147	0	0.0	108	89.3	0	0.0	1	0.8	0	0.0	12	9.9	0	0.0	0	0.0	0	0.0	121	100.0
148	14	2.3	560	91.1	1	0.2	37	6.0	0	0.0	3	0.5	0	0.0	0	0.0	0	0.0	615	100.0
149	0	0.0	56	96.6	1	1.7	1	1.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	58	100.0
150	36	4.9	625	85.9	2	0.3	12	1.6	5	0.7	48	6.6	0	0.0	0	0.0	0	0.0	728	100.0
151	77	37.0	3	1.4	65	31.3	4	1.9	54	26.0	2	1.0	3	1.4	0	0.0	0	0.0	208	100.0
152	2	100.0	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	100.0
153	3	8.8	3	8.8	8	23.5	0	0.0	7	20.6	6	17.6	7	20.6	0	0.0	0	0.0	34	100.0
154	12	6.5	39	21.1	6	3.2	10	5.4	9	4.9	67	36.2	42	22.7	0	0.0	0	0.0	185	100.0
155	2	5.9	0	0.0	29	85.3	0	0.0	0	0.0	3	8.8	0	0.0	0	0.0	0	0.0	34	100.0
156	1	33.3	0	0.0	2	66.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	100.0
157	9	60.0	0	0.0	6	40.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	15	100.0
158	2	18.2	3	27.3	6	54.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	11	100.0
159	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
160	1	1.0	88	84.6	1	1.0	6	5.8	1	1.0	5	4.8	2	1.9	0	0.0	0	0.0	104	100.0
161	30	5.6	436	81.0	0	0.0	64	11.9	2	0.4	5	0.9	1	0.2	0	0.0	0	0.0	538	100.0
162	21	5.5	75	19.7	217	57.1	14	3.7	4	1.1	48	12.6	1	0.3	0	0.0	0	0.0	380	100.0
163	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
164	0	0.0	0	0.0	4	44.4	1	11.1	0	0.0	4	44.4	0	0.0	0	0.0	0	0.0	9	100.0
165	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	33	21.2	6	3.8	21	13.5	4	2.6	49	31.4	37	23.7	6	3.8	0	0.0	0	0.0	156	100.0
171	17	15.0	22	19.5	14	12.4	10	8.8	8	7.1	32	28.3	10	8.8	0	0.0	0	0.0	113	100.0
172	14	50.0	5	17.9	4	14.3	1	3.6	3	10.7	0	0.0	1	3.6	0	0.0	0	0.0	28	100.0
173	19	14.4	98	74.2	0	0.0	12	9.1	1	0.8	2	1.5	0	0.0	0	0.0	0	0.0	132	100.0
175	1	5.6	3	16.7	0	0.0	1	5.6	0	0.0	5	27.8	5	27.8	3	16.7	0	0.0	18	100.0
185	8	18.2	15	34.1	3	6.8	6	13.6	0	0.0	0	0.0	0	0.0	12	27.3	0	0.0	44	100.0
186	3	7.7	2	5.1	15	38.5	0	0.0	13	33.3	3	7.7	3	7.7	0	0.0	0	0.0	39	100.0
187	202	77.1	29	11.1	0	0.0	29	11.1	0	0.0	1	0.4	1	0.4	0	0.0	0	0.0	262	100.0
188	7	8.5	55	67.1	0	0.0	14	17.1	0	0.0	5	6.1	1	1.2	0	0.0	0	0.0	82	100.0
189	7	26.9	5	19.2	5	19.2	1	3.8	4	15.4	2	7.7	0	0.0	2	7.7	0	0.0	26	100.0
190	1	5.6	10	55.6	2	11.1	2	11.1	0	0.0	3	16.7	0	0.0	0	0.0	0	0.0	18	100.0
191	0	0.0	5	71.4	0	0.0	0	0.0	0	0.0	2	28.6	0	0.0	0	0.0	0	0.0	7	100.0
192	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
193	50	62.5	17	21.3	0	0.0	8	10.0	0	0.0	1	1.3	1	1.3	3	3.8	0	0.0	80	100.0
194	0	0.0	1	14.3	4	57.1	0	0.0	0	0.0	2	28.6	0	0.0	0	0.0	0	0.0	7	100.0
195	0	0.0	1	5.0	17	85.0	0	0.0	0	0.0	2	10.0	0	0.0	0	0.0	0	0.0	20	100.0
196	1	0.8	101	76.5	21	15.9	1	0.8	1	0.8	7	5.3	0	0.0	0	0.0	0	0.0	132	100.0
197	1	5.0	1	5.0	17	85.0	0	0.0	0	0.0	1	5.0	0	0.0	0	0.0	0	0.0	20	100.0
198	0	0.0	21	67.7	7	22.6	0	0.0	0	0.0	2	6.5	0	0.0	1	3.2	0	0.0	31	100.0
199	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
200	1	0.5	2	1.0	118	60.2	0	0.0	3	1.5	72	36.7	0	0.0	0	0.0	0	0.0	196	100.0
201	0	0.0	24	11.8	127	62.6	0	0.0	3	1.5	48	23.6	1	0.5	0	0.0	0	0.0	203	100.0
202	0	0.0	8	2.4	223	66.4	0	0.0	2	0.6	102	30.4	1	0.3	0	0.0	0	0.0	336	100.0
203	0	0.0	3	3.8	34	43.6	0	0.0	0	0.0	41	52.6	0	0.0	0	0.0	0	0.0	78	100.0
204	0	0.0	0	0.0	148	66.7	0	0.0	1	0.5	73	32.9	0	0.0	0	0.0	0	0.0	222	100.0
205	0	0.0	0	0.0	249	92.2	0	0.0	0	0.0	21	7.8	0	0.0	0	0.0	0	0.0	270	100.0
206	0	0.0	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	100.0
207	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
208	0	0.0	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	100.0
All	581	7.2	4588	57.1	1393	17.3	338	4.2	177	2.2	848	10.5	92	1.1	21	0.3	0	0.0	8038	100.0

Table: CHN - 6(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Type of Treatment at Reporting Institution (Excluding the Cancers Previously Treated) 1984 - 93 - Females

R-Therapy = Radiotherapy, C-Therapy = Chemotherapy

Chennai

ICD-9 Site	Surgery (S)		R-Therapy (R)		C-Therapy (C)		S+R		S+C		R+C		S+R+C		Others		Unknown		Total	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	0	0.0	37	92.5	0	0.0	2	5.0	0	0.0	1	2.5	0	0.0	0	0.0	0	0.0	40	100.0
141	1	0.5	160	82.1	0	0.0	6	3.1	1	0.5	25	12.8	2	1.0	0	0.0	0	0.0	195	100.0
142	1	3.7	18	66.7	0	0.0	8	29.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	27	100.0
143	0	0.0	254	89.8	0	0.0	13	4.6	1	0.4	15	5.3	0	0.0	0	0.0	0	0.0	283	100.0
144	0	0.0	14	73.7	0	0.0	2	10.5	0	0.0	3	15.8	0	0.0	0	0.0	0	0.0	19	100.0
145	2	0.3	589	85.9	1	0.1	29	4.2	1	0.1	60	8.7	4	0.6	0	0.0	0	0.0	686	100.0
146	0	0.0	50	92.6	0	0.0	3	5.6	0	0.0	1	1.9	0	0.0	0	0.0	0	0.0	54	100.0
147	0	0.0	49	90.7	0	0.0	0	0.0	0	0.0	5	9.3	0	0.0	0	0.0	0	0.0	54	100.0
148	4	2.0	189	94.5	0	0.0	7	3.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	200	100.0
149	0	0.0	19	95.0	0	0.0	1	5.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	20	100.0
150	22	6.6	288	86.2	1	0.3	4	1.2	0	0.0	18	5.4	1	0.3	0	0.0	0	0.0	334	100.0
151	24	36.4	1	1.5	20	30.3	0	0.0	19	28.8	1	1.5	1	1.5	0	0.0	0	0.0	66	100.0
152	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
153	3	33.3	0	0.0	2	22.2	0	0.0	1	11.1	1	11.1	2	22.2	0	0.0	0	0.0	9	100.0
154	22	13.8	38	23.9	3	1.9	5	3.1	14	8.8	43	27.0	34	21.4	0	0.0	0	0.0	159	100.0
155	1	20.0	0	0.0	4	80.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	100.0
156	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
157	5	100.0	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	100.0
158	1	11.1	3	33.3	3	33.3	1	11.1	0	0.0	1	11.1	0	0.0	0	0.0	0	0.0	9	100.0
159	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
160	1	1.9	49	92.5	0	0.0	0	0.0	0	0.0	3	5.7	0	0.0	0	0.0	0	0.0	53	100.0
161	1	1.8	48	85.7	0	0.0	4	7.1	3	5.4	0	0.0	0	0.0	0	0.0	0	0.0	56	100.0
162	7	11.3	7	11.3	40	64.5	1	1.6	0	0.0	7	11.3	0	0.0	0	0.0	0	0.0	62	100.0
163	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
164	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
165	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	30	28.6	5	4.8	18	17.1	4	3.8	23	21.9	21	20.0	4	3.8	0	0.0	0	0.0	105	100.0
171	9	13.8	7	10.8	14	21.5	3	4.6	6	9.2	21	32.3	5	7.7	0	0.0	0	0.0	65	100.0
172	14	63.6	1	4.5	2	9.1	1	4.5	2	9.1	1	4.5	1	4.5	0	0.0	0	0.0	22	100.0
173	12	13.6	63	71.6	1	1.1	10	11.4	0	0.0	2	2.3	0	0.0	0	0.0	0	0.0	88	100.0
174	14	0.7	23	1.2	105	5.6	13	0.7	10	0.5	559	29.7	393	20.9	762	40.6	0	0.0	1879	100.0
179	0	0.0	0	0.0	1	25.0	0	0.0	1	25.0	0	0.0	0	0.0	2	50.0	0	0.0	4	100.0
180	21	0.4	4890	90.4	8	0.1	118	2.2	2	0.0	365	6.7	7	0.1	1	0.0	0	0.0	5412	100.0
181	0	0.0	0	0.0	32	97.0	0	0.0	1	3.0	0	0.0	0	0.0	0	0.0	0	0.0	33	100.0
182	14	8.5	44	26.7	4	2.4	50	30.3	5	3.0	3	1.8	2	1.2	43	26.1	0	0.0	165	100.0
183	7	3.3	3	1.4	170	79.1	2	0.9	23	10.7	6	2.8	4	1.9	0	0.0	0	0.0	215	100.0
184	5	2.0	228	89.1	5	2.0	4	1.6	2	0.8	10	3.9	2	0.8	0	0.0	0	0.0	256	100.0
188	4	16.0	19	76.0	0	0.0	1	4.0	0	0.0	0	0.0	1	4.0	0	0.0	0	0.0	25	100.0
189	2	20.0	2	20.0	3	30.0	0	0.0	0	0.0	2	20.0	1	10.0	0	0.0	0	0.0	10	100.0
190	0	0.0	5	62.5	0	0.0	0	0.0	1	12.5	1	12.5	1	12.5	0	0.0	0	0.0	8	100.0
191	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
192	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
193	53	58.9	24	26.7	0	0.0	7	7.8	0	0.0	0	0.0	0	0.0	6	6.7	0	0.0	90	100.0
194	0	0.0	1	20.0	4	80.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	100.0
195	0	0.0	1	5.6	14	77.8	0	0.0	0	0.0	3	16.7	0	0.0	0	0.0	0	0.0	18	100.0
196	0	0.0	26	57.8	16	35.6	1	2.2	0	0.0	1	2.2	0	0.0	1	2.2	0	0.0	45	100.0
197	0	0.0	0	0.0	20	95.2	0	0.0	0	0.0	1	4.8	0	0.0	0	0.0	0	0.0	21	100.0
198	0	0.0	13	61.9	6	28.6	0	0.0	0	0.0	2	9.5	0	0.0	0	0.0	0	0.0	21	100.0
199	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
200	0	0.0	4	5.6	53	73.6	0	0.0	1	1.4	14	19.4	0	0.0	0	0.0	0	0.0	72	100.0
201	0	0.0	9	14.1	34	53.1	0	0.0	1	1.6	20	31.3	0	0.0	0	0.0	0	0.0	64	100.0
202	0	0.0	3	2.6	91	77.8	1	0.9	0	0.0	22	18.8	0	0.0	0	0.0	0	0.0	117	100.0
203	0	0.0	1	2.4	12	28.6	0	0.0	1	2.4	28	66.7	0	0.0	0	0.0	0	0.0	42	100.0
204	0	0.0	1	1.1	66	75.0	0	0.0	0	0.0	21	23.9	0	0.0	0	0.0	0	0.0	88	100.0
205	0	0.0	3	1.7	165	93.2	0	0.0	0	0.0	9	5.1	0	0.0	0	0.0	0	0.0	177	100.0
206	0	0.0	0	0.0	5	71.4	0	0.0	0	0.0	2	28.6	0	0.0	0	0.0	0	0.0	7	100.0
207	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
208	0	0.0	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	100.0
All	280	2.5	7193	63.1	933	8.2	301	2.6	119	1.0	1298	11.4	465	4.1	815	7.1	0	0.0	11404	100.0

Table: CHN - 7(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Any Specific Treatment at Reporting Institution (Excluding the Cancers Previously Treated) 1984 - 93 - Males

S = Surgery, R = Radiotherapy, C = Chemotherapy, H =Hormonotherapy

Chennai

ICD-9	Site	Any S		Any R		Any C		Any H		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	1	1.3	70	90.9	6	7.8	0	0.0	0	0.0	0	0.0	77	100.0
141	Tongue	37	4.6	725	90.5	39	4.9	0	0.0	0	0.0	0	0.0	801	100.0
142	Salivary Glands	7	17.9	31	79.5	1	2.6	0	0.0	0	0.0	0	0.0	39	100.0
143	Gum	16	5.2	270	87.7	22	7.1	0	0.0	0	0.0	0	0.0	308	100.0
144	Floor of Mouth	10	5.6	155	87.1	13	7.3	0	0.0	0	0.0	0	0.0	178	100.0
145	Other Mouth	37	3.7	842	85.0	112	11.3	0	0.0	0	0.0	0	0.0	991	100.0
146	Oropharynx	10	2.8	349	96.4	3	0.8	0	0.0	0	0.0	0	0.0	362	100.0
147	Nasopharynx	1	0.7	121	90.3	12	9.0	0	0.0	0	0.0	0	0.0	134	100.0
148	Hypopharynx	51	7.8	600	91.6	4	0.6	0	0.0	0	0.0	0	0.0	655	100.0
149	Pharynx Etc.	1	1.7	57	96.6	1	1.7	0	0.0	0	0.0	0	0.0	59	100.0
150	Oesophagus	53	6.7	685	86.4	55	6.9	0	0.0	0	0.0	0	0.0	793	100.0
151	Stomach	138	50.4	12	4.4	124	45.3	0	0.0	0	0.0	0	0.0	274	100.0
152	Small Intes.	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
153	Colon	17	27.9	16	26.2	28	45.9	0	0.0	0	0.0	0	0.0	61	100.0
154	Rectum	73	20.6	158	44.5	124	34.9	0	0.0	0	0.0	0	0.0	355	100.0
155	Liver	2	5.4	3	8.1	32	86.5	0	0.0	0	0.0	0	0.0	37	100.0
156	Gall Bladder	1	33.3	0	0.0	2	66.7	0	0.0	0	0.0	0	0.0	3	100.0
157	Pancreas	9	60.0	0	0.0	6	40.0	0	0.0	0	0.0	0	0.0	15	100.0
158	Retroperito.	2	18.2	3	27.3	6	54.5	0	0.0	0	0.0	0	0.0	11	100.0
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
160	Nasal Cavity	10	8.3	101	84.2	9	7.5	0	0.0	0	0.0	0	0.0	120	100.0
161	Larynx	97	15.9	506	82.8	8	1.3	0	0.0	0	0.0	0	0.0	611	100.0
162	Lung	40	8.9	138	30.8	270	60.3	0	0.0	0	0.0	0	0.0	448	100.0
163	Pleura	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
164	Thymus	1	7.1	5	35.7	8	57.1	0	0.0	0	0.0	0	0.0	14	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	92	35.7	53	20.5	113	43.8	0	0.0	0	0.0	0	0.0	258	100.0
171	Conn. Tiss.	45	24.6	74	40.4	64	35.0	0	0.0	0	0.0	0	0.0	183	100.0
172	Skin Melanoma	19	55.9	7	20.6	8	23.5	0	0.0	0	0.0	0	0.0	34	100.0
173	Skin Other	32	21.8	112	76.2	3	2.0	0	0.0	0	0.0	0	0.0	147	100.0
175	Breast Male	10	24.4	17	41.5	11	26.8	3	7.3	0	0.0	0	0.0	41	100.0
185	Prostate	15	27.3	24	43.6	4	7.3	11	20.0	1	1.8	0	0.0	55	100.0
186	Testis	19	31.1	8	13.1	34	55.7	0	0.0	0	0.0	0	0.0	61	100.0
187	Penis Etc.	232	78.9	60	20.4	2	0.7	0	0.0	0	0.0	0	0.0	294	100.0
188	Uri. Bladder	22	21.4	75	72.8	6	5.8	0	0.0	0	0.0	0	0.0	103	100.0
189	Kidney	14	38.9	9	25.0	11	30.6	2	5.6	0	0.0	0	0.0	36	100.0
190	Eye	3	13.0	15	65.2	5	21.7	0	0.0	0	0.0	0	0.0	23	100.0
191	Brain	0	0.0	7	77.8	2	22.2	0	0.0	0	0.0	0	0.0	9	100.0
192	Nervous Sy.	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0
193	Thyroid Gland	62	65.3	28	29.5	2	2.1	3	3.2	0	0.0	0	0.0	95	100.0
194	Oth. Endo. Glands	0	0.0	3	33.3	6	66.7	0	0.0	0	0.0	0	0.0	9	100.0
195	Ill Def. Site	0	0.0	3	13.6	19	86.4	0	0.0	0	0.0	0	0.0	22	100.0
196	Sec. Lymph Node	3	2.1	109	77.3	29	20.6	0	0.0	0	0.0	0	0.0	141	100.0
197	Sec. Res. Etc.	1	4.8	2	9.5	18	85.7	0	0.0	0	0.0	0	0.0	21	100.0
198	Sec. Other	0	0.0	23	69.7	9	27.3	1	3.0	0	0.0	0	0.0	33	100.0
199	Prim. Unknown	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0
200	Lymphosarcoma	4	1.5	74	27.3	193	71.2	0	0.0	0	0.0	0	0.0	271	100.0
201	Hodgkin's Disease	4	1.6	73	28.5	179	69.9	0	0.0	0	0.0	0	0.0	256	100.0
202	Oth. Lymphoma	3	0.7	111	25.1	328	74.2	0	0.0	0	0.0	0	0.0	442	100.0
203	Mult. Myeloma	0	0.0	44	37.0	75	63.0	0	0.0	0	0.0	0	0.0	119	100.0
204	Leuk. Lymphatic	1	0.3	73	24.7	222	75.0	0	0.0	0	0.0	0	0.0	296	100.0
205	Leuk. Myelocytic	0	0.0	21	7.2	270	92.8	0	0.0	0	0.0	0	0.0	291	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0	4	100.0
207	Leuk. Misc.	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0	7	100.0
	All Sites	1197	12.5	5874	61.2	2512	26.2	20	0.2	1	0.0	0	0.0	9604	100.0

Table: CHN - 7(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Any Specific Treatment at Reporting Institution (Excluding the Cancers Previously Treated) 1984 - 93 - Females

S = Surgery, R = Radiotherapy, C = Chemotherapy, H =Hormonotherapy

Chennai

ICD-9	Site	Any S		Any R		Any C		Any H		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	2	4.7	40	93.0	1	2.3	0	0.0	0	0.0	0	0.0	43	100.0
141	Tongue	10	4.3	193	83.5	28	12.1	0	0.0	0	0.0	0	0.0	231	100.0
142	Salivary Glands	9	25.7	26	74.3	0	0.0	0	0.0	0	0.0	0	0.0	35	100.0
143	Gum	14	4.5	282	90.4	16	5.1	0	0.0	0	0.0	0	0.0	312	100.0
144	Floor of Mouth	2	8.3	19	79.2	3	12.5	0	0.0	0	0.0	0	0.0	24	100.0
145	Other Mouth	36	4.6	682	87.0	66	8.4	0	0.0	0	0.0	0	0.0	784	100.0
146	Oropharynx	3	5.2	54	93.1	1	1.7	0	0.0	0	0.0	0	0.0	58	100.0
147	Nasopharynx	0	0.0	54	91.5	5	8.5	0	0.0	0	0.0	0	0.0	59	100.0
148	Hypopharynx	11	5.3	196	94.7	0	0.0	0	0.0	0	0.0	0	0.0	207	100.0
149	Pharynx Etc.	1	4.8	20	95.2	0	0.0	0	0.0	0	0.0	0	0.0	21	100.0
150	Oesophagus	27	7.5	311	86.9	20	5.6	0	0.0	0	0.0	0	0.0	358	100.0
151	Stomach	44	50.0	3	3.4	41	46.6	0	0.0	0	0.0	0	0.0	88	100.0
152	Small Intes.	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0
153	Colon	6	40.0	3	20.0	6	40.0	0	0.0	0	0.0	0	0.0	15	100.0
154	Rectum	75	26.0	120	41.5	94	32.5	0	0.0	0	0.0	0	0.0	289	100.0
155	Liver	1	20.0	0	0.0	4	80.0	0	0.0	0	0.0	0	0.0	5	100.0
156	Gall Bladder	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
157	Pancreas	5	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	100.0
158	Retroperito.	2	18.2	5	45.5	4	36.4	0	0.0	0	0.0	0	0.0	11	100.0
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
160	Nasal Cavity	1	1.8	52	92.9	3	5.4	0	0.0	0	0.0	0	0.0	56	100.0
161	Larynx	8	12.7	52	82.5	3	4.8	0	0.0	0	0.0	0	0.0	63	100.0
162	Lung	8	11.4	15	21.4	47	67.1	0	0.0	0	0.0	0	0.0	70	100.0
163	Pleura	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
164	Thymus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	61	37.9	34	21.1	66	41.0	0	0.0	0	0.0	0	0.0	161	100.0
171	Conn. Tiss.	23	21.9	36	34.3	46	43.8	0	0.0	0	0.0	0	0.0	105	100.0
172	Skin Melanoma	18	64.3	4	14.3	6	21.4	0	0.0	0	0.0	0	0.0	28	100.0
173	Skin Other	22	22.0	75	75.0	3	3.0	0	0.0	0	0.0	0	0.0	100	100.0
174	Breast Female	725	15.5	1523	32.6	1665	35.6	762	16.3	0	0.0	0	0.0	4675	100.0
179	Uterus Nos.	1	14.3	2	28.6	2	28.6	2	28.6	0	0.0	0	0.0	7	100.0
180	Cervix	148	2.5	5381	91.0	382	6.5	1	0.0	0	0.0	0	0.0	5912	100.0
181	Placenta	1	2.9	0	0.0	33	97.1	0	0.0	0	0.0	0	0.0	34	100.0
182	Body Uterus	90	31.0	136	46.9	21	7.2	43	14.8	0	0.0	0	0.0	290	100.0
183	Ovary	36	14.2	15	5.9	203	79.9	0	0.0	0	0.0	0	0.0	254	100.0
184	Vagina	13	4.7	244	88.4	19	6.9	0	0.0	0	0.0	0	0.0	276	100.0
188	Uri. Bladder	6	21.4	21	75.0	1	3.6	0	0.0	0	0.0	0	0.0	28	100.0
189	Kidney	3	21.4	5	35.7	6	42.9	0	0.0	0	0.0	0	0.0	14	100.0
190	Eye	2	16.7	7	58.3	3	25.0	0	0.0	0	0.0	0	0.0	12	100.0
191	Brain	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
192	Nervous Sy.	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
193	Thyroid Gland	64	62.1	33	32.0	0	0.0	6	5.8	0	0.0	0	0.0	103	100.0
194	Oth. Endo. Glands	0	0.0	1	20.0	4	80.0	0	0.0	0	0.0	0	0.0	5	100.0
195	Ill Def. Site	0	0.0	4	19.0	17	81.0	0	0.0	0	0.0	0	0.0	21	100.0
196	Sec. Lymph Node	1	2.0	29	59.2	18	36.7	1	2.0	0	0.0	0	0.0	49	100.0
197	Sec. Res. Etc.	0	0.0	1	4.5	21	95.5	0	0.0	0	0.0	0	0.0	22	100.0
198	Sec. Other	0	0.0	15	65.2	8	34.8	0	0.0	0	0.0	0	0.0	23	100.0
199	Prim. Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
200	Lymphosarcoma	1	1.1	18	20.7	68	78.2	0	0.0	0	0.0	0	0.0	87	100.0
201	Hodgkin's Disease	1	1.2	29	34.1	55	64.7	0	0.0	0	0.0	0	0.0	85	100.0
202	Oth. Lymphoma	1	0.7	26	18.6	113	80.7	0	0.0	0	0.0	0	0.0	140	100.0
203	Mult. Myeloma	1	1.4	29	40.8	41	57.7	0	0.0	0	0.0	0	0.0	71	100.0
204	Leuk. Lymphatic	0	0.0	22	20.2	87	79.8	0	0.0	0	0.0	0	0.0	109	100.0
205	Leuk. Myelocytic	0	0.0	12	6.5	174	93.5	0	0.0	0	0.0	0	0.0	186	100.0
206	Leuk. Monocytic	0	0.0	2	22.2	7	77.8	0	0.0	0	0.0	0	0.0	9	100.0
207	Leuk. Misc.	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0	4	100.0
	All Sites	1483	9.5	9835	63.2	3421	22.0	815	5.2	0	0.0	0	0.0	15554	100.0

**Table: CHN - 8(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Treatment Status at Reporting Institution (Excluding the Cancers Previously Treated)
1984 - 93 - Males
Chennai**

ICD-9	Site	Received		Not Received		Not Accepted		Incomplete		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	70	59.3	46	39.0	2	1.7	0	0.0	0	0.0	118	100.0
141	Tongue	732	46.1	777	48.9	39	2.5	41	2.6	0	0.0	1589	100.0
142	Salivary Glands	34	38.6	50	56.8	4	4.5	0	0.0	0	0.0	88	100.0
143	Gum	271	56.7	187	39.1	8	1.7	12	2.5	0	0.0	478	100.0
144	Floor of Mouth	155	62.8	81	32.8	1	0.4	10	4.0	0	0.0	247	100.0
145	Other Mouth	846	54.4	640	41.2	38	2.4	31	2.0	0	0.0	1555	100.0
146	Oropharynx	350	49.0	339	47.5	14	2.0	11	1.5	0	0.0	714	100.0
147	Nasopharynx	121	65.4	52	28.1	6	3.2	6	3.2	0	0.0	185	100.0
148	Hypopharynx	615	41.8	771	52.3	66	4.5	21	1.4	0	0.0	1473	100.0
149	Pharynx Etc.	58	36.3	96	60.0	4	2.5	2	1.3	0	0.0	160	100.0
150	Oesophagus	728	39.1	975	52.4	123	6.6	35	1.9	0	0.0	1861	100.0
151	Stomach	208	15.4	1052	77.8	87	6.4	5	0.4	0	0.0	1352	100.0
152	Small Intes.	2	16.7	8	66.7	2	16.7	0	0.0	0	0.0	12	100.0
153	Colon	34	33.7	57	56.4	6	5.9	4	4.0	0	0.0	101	100.0
154	Rectum	185	34.6	270	50.5	56	10.5	24	4.5	0	0.0	535	100.0
155	Liver	34	8.5	347	87.2	15	3.8	2	0.5	0	0.0	398	100.0
156	Gall Bladder	3	7.5	35	87.5	2	5.0	0	0.0	0	0.0	40	100.0
157	Pancreas	15	16.7	71	78.9	4	4.4	0	0.0	0	0.0	90	100.0
158	Retroperito.	11	27.5	25	62.5	2	5.0	2	5.0	0	0.0	40	100.0
159	Other Dig. Sys.	0	0.0	5	83.3	1	16.7	0	0.0	0	0.0	6	100.0
160	Nasal Cavity	104	52.3	82	41.2	7	3.5	6	3.0	0	0.0	199	100.0
161	Larynx	538	61.3	265	30.2	52	5.9	22	2.5	0	0.0	877	100.0
162	Lung	380	27.0	917	65.1	88	6.2	24	1.7	0	0.0	1409	100.0
163	Pleura	0	0.0	6	85.7	0	0.0	1	14.3	0	0.0	7	100.0
164	Thymus	9	64.3	5	35.7	0	0.0	0	0.0	0	0.0	14	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	156	47.0	111	33.4	58	17.5	7	2.1	0	0.0	332	100.0
171	Conn. Tiss.	113	41.2	112	40.9	39	14.2	10	3.6	0	0.0	274	100.0
172	Skin Melanoma	28	28.6	52	53.1	17	17.3	1	1.0	0	0.0	98	100.0
173	Skin Other	132	45.8	122	42.4	28	9.7	6	2.1	0	0.0	288	100.0
175	Breast Male	18	58.1	8	25.8	2	6.5	3	9.7	0	0.0	31	100.0
185	Prostate	44	30.6	82	56.9	14	9.7	4	2.8	0	0.0	144	100.0
186	Testis	39	52.7	26	35.1	6	8.1	3	4.1	0	0.0	74	100.0
187	Penis Etc.	262	45.7	255	44.5	52	9.1	4	0.7	0	0.0	573	100.0
188	Uri. Bladder	82	41.6	93	47.2	17	8.6	5	2.5	0	0.0	197	100.0
189	Kidney	26	29.2	58	65.2	4	4.5	1	1.1	0	0.0	89	100.0
190	Eye	18	31.6	34	59.6	5	8.8	0	0.0	0	0.0	57	100.0
191	Brain	7	33.3	13	61.9	1	4.8	0	0.0	0	0.0	21	100.0
192	Nervous Sy.	1	33.3	2	66.7	0	0.0	0	0.0	0	0.0	3	100.0
193	Thyroid Gland	80	40.0	94	47.0	25	12.5	1	0.5	0	0.0	200	100.0
194	Oth. Endo. Glands	7	87.5	1	12.5	0	0.0	0	0.0	0	0.0	8	100.0
195	Ill Def. Site	20	14.1	118	83.1	4	2.8	0	0.0	0	0.0	142	100.0
196	Sec. Lymph Node	132	22.2	444	74.7	13	2.2	5	0.8	0	0.0	594	100.0
197	Sec. Res. Etc.	20	5.5	337	92.6	6	1.6	1	0.3	0	0.0	364	100.0
198	Sec. Other	31	27.4	78	69.0	2	1.8	2	1.8	0	0.0	113	100.0
199	Prim. Unknown	2	7.7	23	88.5	1	3.8	0	0.0	0	0.0	26	100.0
200	Lymphosarcoma	196	76.9	47	18.4	8	3.1	4	1.6	0	0.0	255	100.0
201	Hodgkin's Disease	203	79.9	48	18.9	2	0.8	1	0.4	0	0.0	254	100.0
202	Oth. Lymphoma	336	65.6	163	31.8	8	1.6	5	1.0	0	0.0	512	100.0
203	Mult. Myeloma	78	69.6	33	29.5	1	0.9	0	0.0	0	0.0	112	100.0
204	Leuk. Lymphatic	222	62.4	125	35.1	7	2.0	2	0.6	0	0.0	356	100.0
205	Leuk. Myelocytic	270	52.1	238	45.9	4	0.8	6	1.2	0	0.0	518	100.0
206	Leuk. Monocytic	4	13.3	25	83.3	0	0.0	1	3.3	0	0.0	30	100.0
207	Leuk. Misc.	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0
208	Leuk. Unspecified	7	9.7	63	87.5	0	0.0	2	2.8	0	0.0	72	100.0
	All Sites	8038	41.7	9965	51.7	951	4.9	333	1.7	0	0.0	19287	100.0

**Table: CHN - 8(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Treatment Status at Reporting Institution (Excluding the Cancers Previously Treated)
1984 - 93 - Females
Chennai**

ICD-9	Site	Received		Not Received		Not Accepted		Incomplete		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	40	60.6	22	33.3	4	6.1	0	0.0	0	0.0	66	100.0
141	Tongue	195	53.1	160	43.6	6	1.6	6	1.6	0	0.0	367	100.0
142	Salivary Glands	27	58.7	15	32.6	4	8.7	0	0.0	0	0.0	46	100.0
143	Gum	283	61.4	157	34.1	12	2.6	9	2.0	0	0.0	461	100.0
144	Floor of Mouth	19	52.8	14	38.9	0	0.0	3	8.3	0	0.0	36	100.0
145	Other Mouth	686	52.8	568	43.7	13	1.0	33	2.5	0	0.0	1300	100.0
146	Oropharynx	54	49.1	48	43.6	3	2.7	5	4.5	0	0.0	110	100.0
147	Nasopharynx	54	65.9	25	30.5	1	1.2	2	2.4	0	0.0	82	100.0
148	Hypopharynx	200	39.1	279	54.6	24	4.7	8	1.6	0	0.0	511	100.0
149	Pharynx Etc.	20	31.3	39	60.9	4	6.3	1	1.6	0	0.0	64	100.0
150	Oesophagus	334	35.2	522	55.0	78	8.2	15	1.6	0	0.0	949	100.0
151	Stomach	66	13.4	384	78.2	37	7.5	4	0.8	0	0.0	491	100.0
152	Small Intes.	2	50.0	2	50.0	0	0.0	0	0.0	0	0.0	4	100.0
153	Colon	9	20.0	32	71.1	2	4.4	2	4.4	0	0.0	45	100.0
154	Rectum	159	41.6	175	45.8	34	8.9	14	3.7	0	0.0	382	100.0
155	Liver	5	6.3	72	91.1	2	2.5	0	0.0	0	0.0	79	100.0
156	Gall Bladder	1	5.3	16	84.2	2	10.5	0	0.0	0	0.0	19	100.0
157	Pancreas	5	10.4	41	85.4	2	4.2	0	0.0	0	0.0	48	100.0
158	Retroperito.	9	32.1	17	60.7	2	7.1	0	0.0	0	0.0	28	100.0
159	Other Dig. Sys.	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0	5	100.0
160	Nasal Cavity	53	50.0	49	46.2	3	2.8	1	0.9	0	0.0	106	100.0
161	Larynx	56	56.0	37	37.0	6	6.0	1	1.0	0	0.0	100	100.0
162	Lung	62	31.2	126	63.3	9	4.5	2	1.0	0	0.0	199	100.0
163	Pleura	1	12.5	7	87.5	0	0.0	0	0.0	0	0.0	8	100.0
164	Thymus	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	3	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	105	50.0	59	28.1	39	18.6	7	3.3	0	0.0	210	100.0
171	Conn. Tiss.	65	44.8	56	38.6	19	13.1	5	3.4	0	0.0	145	100.0
172	Skin Melanoma	22	51.2	15	34.9	6	14.0	0	0.0	0	0.0	43	100.0
173	Skin Other	88	53.3	62	37.6	11	6.7	4	2.4	0	0.0	165	100.0
174	Breast Female	1879	70.8	553	20.8	85	3.2	136	5.1	0	0.0	2653	100.0
179	Uterus Nos.	4	23.5	11	64.7	1	5.9	1	5.9	0	0.0	17	100.0
180	Cervix	5412	50.0	5117	47.2	130	1.2	173	1.6	0	0.0	10832	100.0
181	Placenta	33	91.7	3	8.3	0	0.0	0	0.0	0	0.0	36	100.0
182	Body Uterus	165	66.3	71	28.5	7	2.8	6	2.4	0	0.0	249	100.0
183	Ovary	215	53.1	163	40.2	23	5.7	4	1.0	0	0.0	405	100.0
184	Vagina	256	43.6	314	53.5	8	1.4	9	1.5	0	0.0	587	100.0
188	Uri. Bladder	25	36.8	36	52.9	6	8.8	1	1.5	0	0.0	68	100.0
189	Kidney	10	27.0	23	62.2	2	5.4	2	5.4	0	0.0	37	100.0
190	Eye	8	28.6	14	50.0	5	17.9	1	3.6	0	0.0	28	100.0
191	Brain	2	25.0	5	62.5	1	12.5	0	0.0	0	0.0	8	100.0
192	Nervous Sy.	2	66.7	1	33.3	0	0.0	0	0.0	0	0.0	3	100.0
193	Thyroid Gland	90	37.0	120	49.4	28	11.5	5	2.1	0	0.0	243	100.0
194	Oth. Endo. Glands	5	71.4	1	14.3	1	14.3	0	0.0	0	0.0	7	100.0
195	Ill Def. Site	18	18.0	82	82.0	0	0.0	0	0.0	0	0.0	100	100.0
196	Sec. Lymph Node	45	21.6	156	75.0	6	2.9	1	0.5	0	0.0	208	100.0
197	Sec. Res. Etc.	21	10.8	170	87.2	3	1.5	1	0.5	0	0.0	195	100.0
198	Sec. Other	21	38.9	28	51.9	5	9.3	0	0.0	0	0.0	54	100.0
199	Prim. Unknown	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0	5	100.0
200	Lymphosarcoma	72	75.8	21	22.1	1	1.1	1	1.1	0	0.0	95	100.0
201	Hodgkins Diseae	64	76.2	19	22.6	1	1.2	0	0.0	0	0.0	84	100.0
202	Oth. Lymphoma	117	60.9	69	35.9	4	2.1	2	1.0	0	0.0	192	100.0
203	Mult. Myeloma	42	71.2	15	25.4	2	3.4	0	0.0	0	0.0	59	100.0
204	Leuk. Lymphatic	88	58.7	58	38.7	2	1.3	2	1.3	0	0.0	150	100.0
205	Leuk. Myelocytic	177	50.4	161	45.9	7	2.0	6	1.7	0	0.0	351	100.0
206	Leuk. Monocytic	7	35.0	13	65.0	0	0.0	0	0.0	0	0.0	20	100.0
207	Leuk. Misc.	2	50.0	2	50.0	0	0.0	0	0.0	0	0.0	4	100.0
208	Leuk. Unspecified	4	8.5	42	89.4	1	2.1	0	0.0	0	0.0	47	100.0
	All Sites	11404	50.0	10280	45.1	652	2.9	473	2.1	0	0.0	22809	100.0

**Table: CHN - 9(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease in the No Cancer Directed Treatment Group
1984 - 93 - Males
Chennai**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	4	8.3	41	85.4	3	6.3	0	0.0	0	0.0	48	100.0
141	Tongue	18	2.1	695	81.1	144	16.8	0	0.0	0	0.0	857	100.0
142	Salivary Glands	2	3.7	35	64.8	17	31.5	0	0.0	0	0.0	54	100.0
143	Gum	10	4.8	174	84.1	23	11.1	0	0.0	0	0.0	207	100.0
144	Floor of Mouth	5	5.4	75	81.5	12	13.0	0	0.0	0	0.0	92	100.0
145	Other Mouth	25	3.5	572	80.7	112	15.8	0	0.0	0	0.0	709	100.0
146	Oropharynx	1	0.3	299	82.1	64	17.6	0	0.0	0	0.0	364	100.0
147	Nasopharynx	1	1.6	51	79.7	12	18.8	0	0.0	0	0.0	64	100.0
148	Hypopharynx	14	1.6	674	78.6	170	19.8	0	0.0	0	0.0	858	100.0
149	Pharynx Etc.	2	2.0	71	69.6	29	28.4	0	0.0	0	0.0	102	100.0
150	Oesophagus	75	6.6	703	62.0	355	31.3	0	0.0	0	0.0	1133	100.0
151	Stomach	26	2.3	533	46.6	585	51.1	0	0.0	0	0.0	1144	100.0
152	Small Intes.	1	10.0	5	50.0	4	40.0	0	0.0	0	0.0	10	100.0
153	Colon	2	3.0	38	56.7	27	40.3	0	0.0	0	0.0	67	100.0
154	Rectum	14	4.0	242	69.1	94	26.9	0	0.0	0	0.0	350	100.0
155	Liver	8	2.2	239	65.7	117	32.1	0	0.0	0	0.0	364	100.0
156	Gall Bladder	1	2.7	15	40.5	21	56.8	0	0.0	0	0.0	37	100.0
157	Pancreas	0	0.0	39	52.0	36	48.0	0	0.0	0	0.0	75	100.0
158	Retroperito.	0	0.0	11	37.9	17	58.6	0	0.0	1	3.4	29	100.0
159	Other Dig. Sys.	0	0.0	1	16.7	5	83.3	0	0.0	0	0.0	6	100.0
160	Nasal Cavity	4	4.2	67	70.5	24	25.3	0	0.0	0	0.0	95	100.0
161	Larynx	13	3.8	283	83.5	43	12.7	0	0.0	0	0.0	339	100.0
162	Lung	16	1.6	576	56.0	436	42.4	0	0.0	1	0.1	1029	100.0
163	Pleura	0	0.0	4	57.1	3	42.9	0	0.0	0	0.0	7	100.0
164	Thymus	0	0.0	3	60.0	2	40.0	0	0.0	0	0.0	5	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	22	12.5	127	72.2	27	15.3	0	0.0	0	0.0	176	100.0
171	Conn. Tiss.	22	13.7	97	60.2	42	26.1	0	0.0	0	0.0	161	100.0
172	Skin Melanoma	2	2.9	41	58.6	27	38.6	0	0.0	0	0.0	70	100.0
173	Skin Other	13	8.3	122	78.2	21	13.5	0	0.0	0	0.0	156	100.0
175	Breast Male	0	0.0	13	100.0	0	0.0	0	0.0	0	0.0	13	100.0
185	Prostate	2	2.0	40	40.0	58	58.0	0	0.0	0	0.0	100	100.0
186	Testis	0	0.0	12	34.3	23	65.7	0	0.0	0	0.0	35	100.0
187	Penis Etc.	22	7.1	266	85.5	23	7.4	0	0.0	0	0.0	311	100.0
188	Uri. Bladder	5	4.3	74	64.3	36	31.3	0	0.0	0	0.0	115	100.0
189	Kidney	0	0.0	22	34.9	41	65.1	0	0.0	0	0.0	63	100.0
190	Eye	1	2.6	29	74.4	9	23.1	0	0.0	0	0.0	39	100.0
191	Brain	0	0.0	13	92.9	1	7.1	0	0.0	0	0.0	14	100.0
192	Nervous Sy.	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0
193	Thyroid Gland	7	5.8	86	71.7	27	22.5	0	0.0	0	0.0	120	100.0
194	Oth. Endo. Glands	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	1	100.0
195	Ill Def. Site	0	0.0	39	32.0	83	68.0	0	0.0	0	0.0	122	100.0
196	Sec. Lymph Node	0	0.0	0	0.0	35	7.6	0	0.0	427	92.4	462	100.0
197	Sec. Res. Etc.	0	0.0	0	0.0	135	39.2	0	0.0	209	60.8	344	100.0
198	Sec. Other	0	0.0	0	0.0	36	43.9	0	0.0	46	56.1	82	100.0
199	Prim. Unknown	0	0.0	0	0.0	19	79.2	0	0.0	5	20.8	24	100.0
200	Lymphosarcoma	1	1.7	0	0.0	0	0.0	58	98.3	0	0.0	59	100.0
201	Hodgkin's Disease	0	0.0	0	0.0	0	0.0	51	100.0	0	0.0	51	100.0
202	Oth. Lymphoma	0	0.0	0	0.0	0	0.0	176	100.0	0	0.0	176	100.0
203	Mult. Myeloma	0	0.0	0	0.0	0	0.0	34	100.0	0	0.0	34	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	134	100.0	0	0.0	134	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	248	100.0	0	0.0	248	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	26	100.0	0	0.0	26	100.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	65	100.0	0	0.0	65	100.0
	All Sites	339	3.0	6427	57.1	3001	26.7	793	7.0	689	6.1	11249	100.0

**Table: CHN - 9(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease in the No Cancer Directed Treatment Group
1984 - 93 - Females
Chennai**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	2	7.7	21	80.8	3	11.5	0	0.0	0	0.0	26	100.0
141	Tongue	12	7.0	133	77.3	27	15.7	0	0.0	0	0.0	172	100.0
142	Salivary Glands	1	5.3	14	73.7	4	21.1	0	0.0	0	0.0	19	100.0
143	Gum	4	2.2	164	92.1	10	5.6	0	0.0	0	0.0	178	100.0
144	Floor of Mouth	0	0.0	16	94.1	1	5.9	0	0.0	0	0.0	17	100.0
145	Other Mouth	16	2.6	533	86.8	65	10.6	0	0.0	0	0.0	614	100.0
146	Oropharynx	1	1.8	44	78.6	11	19.6	0	0.0	0	0.0	56	100.0
147	Nasopharynx	0	0.0	24	85.7	4	14.3	0	0.0	0	0.0	28	100.0
148	Hypopharynx	9	2.9	244	78.5	58	18.6	0	0.0	0	0.0	311	100.0
149	Pharynx Etc.	0	0.0	33	75.0	11	25.0	0	0.0	0	0.0	44	100.0
150	Oesophagus	29	4.7	432	70.2	154	25.0	0	0.0	0	0.0	615	100.0
151	Stomach	9	2.1	199	46.8	217	51.1	0	0.0	0	0.0	425	100.0
152	Small Intes.	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	2	100.0
153	Colon	1	2.8	23	63.9	12	33.3	0	0.0	0	0.0	36	100.0
154	Rectum	8	3.6	154	69.1	61	27.4	0	0.0	0	0.0	223	100.0
155	Liver	0	0.0	44	59.5	29	39.2	0	0.0	1	1.4	74	100.0
156	Gall Bladder	0	0.0	10	55.6	8	44.4	0	0.0	0	0.0	18	100.0
157	Pancreas	0	0.0	17	39.5	26	60.5	0	0.0	0	0.0	43	100.0
158	Retropérito.	1	5.3	11	57.9	7	36.8	0	0.0	0	0.0	19	100.0
159	Other Dig. Sys.	0	0.0	1	20.0	4	80.0	0	0.0	0	0.0	5	100.0
160	Nasal Cavity	0	0.0	34	64.2	19	35.8	0	0.0	0	0.0	53	100.0
161	Larynx	4	9.1	34	77.3	6	13.6	0	0.0	0	0.0	44	100.0
162	Lung	3	2.2	69	50.4	65	47.4	0	0.0	0	0.0	137	100.0
163	Pleura	0	0.0	3	42.9	4	57.1	0	0.0	0	0.0	7	100.0
164	Thymus	1	33.3	2	66.7	0	0.0	0	0.0	0	0.0	3	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	15	14.3	75	71.4	15	14.3	0	0.0	0	0.0	105	100.0
171	Conn. Tiss.	11	13.8	58	72.5	11	13.8	0	0.0	0	0.0	80	100.0
172	Skin Melanoma	0	0.0	19	90.5	2	9.5	0	0.0	0	0.0	21	100.0
173	Skin Other	10	13.0	61	79.2	6	7.8	0	0.0	0	0.0	77	100.0
174	Breast Female	15	1.9	565	73.0	192	24.8	2	0.3	0	0.0	774	100.0
179	Uterus Nos.	0	0.0	9	69.2	3	23.1	0	0.0	1	7.7	13	100.0
180	Cervix	126	2.3	4895	90.3	398	7.3	1	0.0	0	0.0	5420	100.0
181	Placenta	0	0.0	1	33.3	2	66.7	0	0.0	0	0.0	3	100.0
182	Body Uterus	15	17.9	58	69.0	11	13.1	0	0.0	0	0.0	84	100.0
183	Ovary	8	4.2	114	60.0	68	35.8	0	0.0	0	0.0	190	100.0
184	Vagina	21	6.3	260	78.5	50	15.1	0	0.0	0	0.0	331	100.0
188	Uri. Bladder	3	7.0	22	51.2	18	41.9	0	0.0	0	0.0	43	100.0
189	Kidney	0	0.0	12	44.4	15	55.6	0	0.0	0	0.0	27	100.0
190	Eye	0	0.0	15	75.0	5	25.0	0	0.0	0	0.0	20	100.0
191	Brain	1	16.7	3	50.0	2	33.3	0	0.0	0	0.0	6	100.0
192	Nervous Sy.	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
193	Thyroid Gland	2	1.3	100	65.4	51	33.3	0	0.0	0	0.0	153	100.0
194	Oth. Endo. Glands	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	2	100.0
195	Ill Def. Site	0	0.0	24	29.3	58	70.7	0	0.0	0	0.0	82	100.0
196	Sec. Lymph Node	0	0.0	0	0.0	6	3.7	0	0.0	157	96.3	163	100.0
197	Sec. Res. Etc.	0	0.0	0	0.0	78	44.8	0	0.0	96	55.2	174	100.0
198	Sec. Other	0	0.0	0	0.0	10	30.3	0	0.0	23	69.7	33	100.0
199	Prim. Unknown	0	0.0	0	0.0	4	80.0	0	0.0	1	20.0	5	100.0
200	Lymphosarcoma	0	0.0	0	0.0	0	0.0	23	100.0	0	0.0	23	100.0
201	Hodgkin's Disease	0	0.0	0	0.0	0	0.0	20	100.0	0	0.0	20	100.0
202	Oth. Lymphoma	0	0.0	0	0.0	0	0.0	75	100.0	0	0.0	75	100.0
203	Mult. Myeloma	0	0.0	0	0.0	0	0.0	17	100.0	0	0.0	17	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	62	100.0	0	0.0	62	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	174	100.0	0	0.0	174	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	13	100.0	0	0.0	13	100.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	43	100.0	0	0.0	43	100.0
	All Sites	328	2.9	8552	75.0	1814	15.9	432	3.8	279	2.4	11405	100.0

**Table: CHN - 10(a): Proportion(%) of patients who received(Y) and not received(N) any Cancer Directed Treatment(CDT) according to Clinical Extent of Disease for each Site
1984 - 93 - Males
Chennai**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %
140	Lip	81.0	19.0	56.4	43.6	0.0	100.0	100.0	0.0	100.0	0.0	59.3	40.7
141	Tongue	78.0	22.0	48.8	51.2	4.0	96.0	100.0	0.0	100.0	0.0	46.1	53.9
142	Salivary Glands	33.3	66.7	48.5	51.5	0.0	100.0	100.0	0.0	100.0	0.0	38.6	61.4
143	Gum	41.2	58.8	59.9	40.1	14.8	85.2	100.0	0.0	100.0	0.0	56.7	43.3
144	Floor of Mouth	77.3	22.7	64.8	35.2	0.0	100.0	100.0	0.0	100.0	0.0	62.8	37.2
145	Other Mouth	69.1	30.9	57.9	42.1	2.6	97.4	100.0	0.0	100.0	0.0	54.4	45.6
146	Oropharynx	92.3	7.7	53.1	46.9	0.0	100.0	100.0	0.0	100.0	0.0	49.0	51.0
147	Nasopharynx	50.0	50.0	69.8	30.2	14.3	85.7	100.0	0.0	100.0	0.0	65.4	34.6
148	Hypopharynx	54.8	45.2	46.8	53.2	3.4	96.6	100.0	0.0	100.0	0.0	41.8	58.2
149	Pharynx Etc.	0.0	100.0	45.0	55.0	0.0	100.0	100.0	0.0	100.0	0.0	36.3	63.8
150	Oesophagus	61.9	38.1	44.6	55.4	9.9	90.1	100.0	0.0	100.0	0.0	39.1	60.9
151	Stomach	39.5	60.5	20.7	79.3	8.2	91.8	100.0	0.0	100.0	0.0	15.4	84.6
152	Small Intes.	0.0	100.0	28.6	71.4	0.0	100.0	100.0	0.0	100.0	0.0	16.7	83.3
153	Colon	66.7	33.3	38.7	61.3	18.2	81.8	100.0	0.0	100.0	0.0	33.7	66.3
154	Rectum	53.3	46.7	38.4	61.6	16.1	83.9	100.0	0.0	100.0	0.0	34.6	65.4
155	Liver	0.0	100.0	6.6	93.4	12.7	87.3	100.0	0.0	100.0	0.0	8.5	91.5
156	Gall Bladder	0.0	100.0	6.3	93.8	8.7	91.3	100.0	0.0	100.0	0.0	7.5	92.5
157	Pancreas	100.0	0.0	20.4	79.6	12.2	87.8	100.0	0.0	100.0	0.0	16.7	83.3
158	Retroperit.	100.0	0.0	38.9	61.1	15.0	85.0	100.0	0.0	0.0	100.0	27.5	72.5
159	Other Dig. Sys.	100.0	0.0	0.0	100.0	0.0	100.0	100.0	0.0	100.0	0.0	0.0	100.0
160	Nasal Cavity	69.2	30.8	57.6	42.4	14.3	85.7	100.0	0.0	100.0	0.0	52.3	47.7
161	Larynx	89.0	11.0	60.4	39.6	4.4	95.6	100.0	0.0	100.0	0.0	61.3	38.7
162	Lung	57.9	42.1	28.2	71.8	23.2	76.8	100.0	0.0	0.0	100.0	27.0	73.0
163	Pleura	100.0	0.0	0.0	100.0	0.0	100.0	100.0	0.0	100.0	0.0	0.0	100.0
164	Thymus	100.0	0.0	62.5	37.5	66.7	33.3	100.0	0.0	100.0	0.0	64.3	35.7
165	Other Resp.	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
170	Bone	56.9	43.1	46.2	53.8	40.0	60.0	100.0	0.0	100.0	0.0	47.0	53.0
171	Conn. Tiss.	50.0	50.0	44.3	55.7	25.0	75.0	100.0	0.0	100.0	0.0	41.2	58.8
172	Skin Melanoma	50.0	50.0	36.9	63.1	6.9	93.1	100.0	0.0	100.0	0.0	28.6	71.4
173	Skin Other	69.0	31.0	45.8	54.2	0.0	100.0	100.0	0.0	100.0	0.0	45.8	54.2
175	Breast Male	100.0	0.0	55.2	44.8	100.0	0.0	100.0	0.0	100.0	0.0	58.1	41.9
185	Prostate	75.0	25.0	38.5	61.5	18.3	81.7	100.0	0.0	100.0	0.0	30.6	69.4
186	Testis	100.0	0.0	62.5	37.5	42.5	57.5	100.0	0.0	100.0	0.0	52.7	47.3
187	Penis Etc.	70.3	29.7	44.1	55.9	0.0	100.0	100.0	0.0	100.0	0.0	45.7	54.3
188	Uri. Bladder	58.3	41.7	49.3	50.7	7.7	92.3	100.0	0.0	100.0	0.0	41.6	58.4
189	Kidney	100.0	0.0	45.0	55.0	12.8	87.2	100.0	0.0	100.0	0.0	29.2	70.8
190	Eye	75.0	25.0	32.6	67.4	10.0	90.0	100.0	0.0	100.0	0.0	31.6	68.4
191	Brain	100.0	0.0	31.6	68.4	0.0	100.0	100.0	0.0	100.0	0.0	33.3	66.7
192	Nervous Sy.	100.0	0.0	100.0	0.0	0.0	100.0	100.0	0.0	100.0	0.0	33.3	66.7
193	Thyroid Gland	12.5	87.5	46.9	53.1	10.0	90.0	100.0	0.0	100.0	0.0	40.0	60.0
194	Oth. Endo. Glands	100.0	0.0	100.0	0.0	80.0	20.0	100.0	0.0	100.0	0.0	87.5	12.5
195	Ill Def. Site	100.0	0.0	9.3	90.7	15.3	84.7	100.0	0.0	100.0	0.0	14.1	85.9
196	Sec. Lymph Node	100.0	0.0	100.0	0.0	2.8	97.2	100.0	0.0	23.5	76.5	22.2	77.8
197	Sec. Res. Etc.	100.0	0.0	100.0	0.0	4.3	95.7	100.0	0.0	6.3	93.7	5.5	94.5
198	Sec. Other	100.0	0.0	100.0	0.0	35.7	64.3	100.0	0.0	19.3	80.7	27.4	72.6
199	Prim. Unknown	100.0	0.0	100.0	0.0	9.5	90.5	100.0	0.0	0.0	100.0	7.7	92.3
200	Lymphosarcoma	0.0	100.0	100.0	0.0	100.0	0.0	77.2	22.8	100.0	0.0	76.9	23.1
201	Hodgkin's Disease	100.0	0.0	100.0	0.0	100.0	0.0	79.8	20.2	100.0	0.0	79.9	20.1
202	Oth. Lymphoma	100.0	0.0	100.0	0.0	100.0	0.0	65.6	34.4	100.0	0.0	65.6	34.4
203	Mult. Myeloma	100.0	0.0	100.0	0.0	100.0	0.0	69.6	30.4	100.0	0.0	69.6	30.4
204	Leuk. Lymphatic	100.0	0.0	100.0	0.0	100.0	0.0	62.4	37.6	100.0	0.0	62.4	37.6
205	Leuk. Myelocytic	100.0	0.0	100.0	0.0	100.0	0.0	52.1	47.9	100.0	0.0	52.1	47.9
206	Leuk. Monocytic	100.0	0.0	100.0	0.0	100.0	0.0	13.3	86.7	100.0	0.0	13.3	86.7
207	Leuk. Misc.	100.0	0.0	100.0	0.0	100.0	0.0	50.0	50.0	100.0	0.0	50.0	50.0
208	Leuk. Unspecified	100.0	0.0	100.0	0.0	100.0	0.0	9.7	90.3	100.0	0.0	9.7	90.3
	All Sites	65.6	34.4	46.1	53.9	12.6	87.4	62.4	37.6	18.5	81.5	41.7	58.3

**Table: CHN - 10(b): Proportion(%) of patients who received(Y) and not received(N) any Cancer Directed Treatment(CDT) according to Clinical Extent of Disease for each Site
1984 - 93 - Females
Chennai**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %
140	Lip	71.4	28.6	62.5	37.5	0.0	100.0	100.0	0.0	100.0	0.0	60.6	39.4
141	Tongue	70.7	29.3	55.5	44.5	0.0	100.0	100.0	0.0	100.0	0.0	53.1	46.9
142	Salivary Glands	75.0	25.0	63.2	36.8	0.0	100.0	100.0	0.0	100.0	0.0	58.7	41.3
143	Gum	55.6	44.4	62.5	37.5	33.3	66.7	100.0	0.0	100.0	0.0	61.4	38.6
144	Floor of Mouth	100.0	0.0	52.9	47.1	0.0	100.0	100.0	0.0	100.0	0.0	52.8	47.2
145	Other Mouth	66.7	33.3	55.0	45.0	3.0	97.0	100.0	0.0	100.0	0.0	52.8	47.2
146	Oropharynx	80.0	20.0	53.2	46.8	0.0	100.0	100.0	0.0	100.0	0.0	49.1	50.9
147	Nasopharynx	100.0	0.0	69.2	30.8	0.0	100.0	100.0	0.0	100.0	0.0	65.9	34.1
148	Hypopharynx	55.0	45.0	43.4	56.6	3.3	96.7	100.0	0.0	100.0	0.0	39.1	60.9
149	Pharynx Etc.	100.0	0.0	37.7	62.3	0.0	100.0	100.0	0.0	100.0	0.0	31.3	68.8
150	Oesophagus	68.1	31.9	37.2	62.8	9.4	90.6	100.0	0.0	100.0	0.0	35.2	64.8
151	Stomach	43.8	56.3	16.7	83.3	8.1	91.9	100.0	0.0	100.0	0.0	13.4	86.6
152	Small Intes.	100.0	0.0	100.0	0.0	33.3	66.7	100.0	0.0	100.0	0.0	50.0	50.0
153	Colon	66.7	33.3	20.7	79.3	7.7	92.3	100.0	0.0	100.0	0.0	20.0	80.0
154	Rectum	63.6	36.4	47.4	52.6	9.0	91.0	100.0	0.0	100.0	0.0	41.6	58.4
155	Liver	100.0	0.0	6.4	93.6	3.3	96.7	100.0	0.0	0.0	100.0	6.3	93.7
156	Gall Bladder	100.0	0.0	0.0	100.0	11.1	88.9	100.0	0.0	100.0	0.0	5.3	94.7
157	Pancreas	100.0	0.0	19.0	81.0	3.7	96.3	100.0	0.0	100.0	0.0	10.4	89.6
158	Retroperit.	75.0	25.0	21.4	78.6	30.0	70.0	100.0	0.0	100.0	0.0	32.1	67.9
159	Other Dig. Sys.	100.0	0.0	0.0	100.0	0.0	100.0	100.0	0.0	100.0	0.0	0.0	100.0
160	Nasal Cavity	100.0	0.0	58.5	41.5	5.0	95.0	100.0	0.0	100.0	0.0	50.0	50.0
161	Larynx	73.3	26.7	57.0	43.0	0.0	100.0	100.0	0.0	100.0	0.0	56.0	44.0
162	Lung	50.0	50.0	36.7	63.3	22.6	77.4	100.0	0.0	100.0	0.0	31.2	68.8
163	Pleura	100.0	0.0	25.0	75.0	0.0	100.0	100.0	0.0	100.0	0.0	12.5	87.5
164	Thymus	0.0	100.0	0.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0	0.0	100.0
165	Other Resp.	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
170	Bone	59.5	40.5	49.0	51.0	42.3	57.7	100.0	0.0	100.0	0.0	50.0	50.0
171	Conn. Tiss.	57.7	42.3	41.4	58.6	45.0	55.0	100.0	0.0	100.0	0.0	44.8	55.2
172	Skin Melanoma	100.0	0.0	51.3	48.7	33.3	66.7	100.0	0.0	100.0	0.0	51.2	48.8
173	Skin Other	65.5	34.5	53.1	46.9	0.0	100.0	100.0	0.0	100.0	0.0	53.3	46.7
174	Breast Female	78.6	21.4	72.9	27.1	61.2	38.8	0.0	100.0	100.0	0.0	70.8	29.2
179	Uterus Nos.	100.0	0.0	10.0	90.0	0.0	100.0	100.0	0.0	0.0	100.0	23.5	76.5
180	Cervix	78.7	21.3	50.1	49.9	7.4	92.6	0.0	100.0	100.0	0.0	50.0	50.0
181	Placenta	100.0	0.0	91.7	8.3	89.5	10.5	100.0	0.0	100.0	0.0	91.7	8.3
182	Body Uterus	87.5	12.5	49.1	50.9	26.7	73.3	100.0	0.0	100.0	0.0	66.3	33.7
183	Ovary	65.2	34.8	56.2	43.8	43.8	56.2	100.0	0.0	100.0	0.0	53.1	46.9
184	Vagina	61.8	38.2	45.8	54.2	3.8	96.2	100.0	0.0	100.0	0.0	43.6	56.4
188	Uri. Bladder	25.0	75.0	50.0	50.0	10.0	90.0	100.0	0.0	100.0	0.0	36.8	63.2
189	Kidney	100.0	0.0	40.0	60.0	6.3	93.8	100.0	0.0	100.0	0.0	27.0	73.0
190	Eye	100.0	0.0	31.8	68.2	0.0	100.0	100.0	0.0	100.0	0.0	28.6	71.4
191	Brain	0.0	100.0	40.0	60.0	0.0	100.0	100.0	0.0	100.0	0.0	25.0	75.0
192	Nervous Sy.	100.0	0.0	0.0	100.0	100.0	0.0	100.0	0.0	100.0	0.0	66.7	33.3
193	Thyroid Gland	77.8	22.2	39.4	60.6	26.1	73.9	100.0	0.0	100.0	0.0	37.0	63.0
194	Oth. Endo. Glands	100.0	0.0	66.7	33.3	66.7	33.3	100.0	0.0	100.0	0.0	71.4	28.6
195	Ill Def. Site	100.0	0.0	20.0	80.0	15.9	84.1	100.0	0.0	100.0	0.0	18.0	82.0
196	Sec. Lymph Node	100.0	0.0	100.0	0.0	25.0	75.0	100.0	0.0	21.5	78.5	21.6	78.4
197	Sec. Res. Etc.	100.0	0.0	100.0	0.0	4.9	95.1	100.0	0.0	15.0	85.0	10.8	89.2
198	Sec. Other	100.0	0.0	100.0	0.0	52.4	47.6	100.0	0.0	30.3	69.7	38.9	61.1
199	Prim. Unknown	100.0	0.0	100.0	0.0	0.0	100.0	100.0	0.0	0.0	100.0	0.0	100.0
200	Lymphosarcoma	100.0	0.0	100.0	0.0	100.0	0.0	75.8	24.2	100.0	0.0	75.8	24.2
201	Hodgkin's Disease	100.0	0.0	100.0	0.0	100.0	0.0	76.2	23.8	100.0	0.0	76.2	23.8
202	Oth. Lymphoma	100.0	0.0	100.0	0.0	100.0	0.0	60.7	39.3	100.0	0.0	60.9	39.1
203	Mult. Myeloma	100.0	0.0	100.0	0.0	100.0	0.0	71.2	28.8	100.0	0.0	71.2	28.8
204	Leuk. Lymphatic	100.0	0.0	100.0	0.0	100.0	0.0	58.7	41.3	100.0	0.0	58.7	41.3
205	Leuk. Myelocytic	100.0	0.0	100.0	0.0	100.0	0.0	50.4	49.6	100.0	0.0	50.4	49.6
206	Leuk. Monocytic	100.0	0.0	100.0	0.0	100.0	0.0	35.0	65.0	100.0	0.0	35.0	65.0
207	Leuk. Misc.	100.0	0.0	100.0	0.0	100.0	0.0	50.0	50.0	100.0	0.0	50.0	50.0
208	Leuk. Unspecified	100.0	0.0	100.0	0.0	100.0	0.0	8.5	91.5	100.0	0.0	8.5	91.5
	All Sites	74.4	25.6	52.0	48.0	23.6	76.4	57.0	43.0	20.1	79.9	50.0	50.0

HOSPITAL BASED CANCER REGISTRY

Assam Medical College, Dibrugarh

Dr.F.U.Ahmed, M.D; MAMS,
Principal cum chief Superintendent / Principal Investigator
Dr.M.S.Ali, M.Sc; PhD., Sr. Biostatistician & Co-investigator

The Hospital Based Cancer Registry at Dibrugarh is one of the six foremost registries established simultaneously by the ICMR in 1982 at Assam Medical College, Dibrugarh, a premier medical institution of the region.

In spite of various administrative and financial constraints, with the sincerity and dedicated work of the registry staff, apart from the routine registration works as envisaged by the NCRP, HBCR Dibrugarh has been able to provide significant and useful roles in the field of epidemiology and human resource development of cancer in the region. In addition to several scientific papers presented in various international and national seminars/conferences and WHO sponsored workshops, the registry has also published a number of popular articles on the magnitude, problem and prevention of common cancers of the region in the leading newspapers of the region.

Dr. (Miss) R.Akhtar, SRF of the registry and Dr.R.PPhukan, Technical Officer of the RMRC, Dibrugarh have been awarded PhD degree for their thesis entitled "Dietary habits and oesophageal cancer" and 'Epidemiology of cancer of the oesophagus in Assam and its measures for control and prevention' respectively. Both of them utilized the data and technical know-how of the registry.

Other Staff of Hospital Based Cancer Registry, Dibrugarh

Dr.R.Akhtar, M.Sc; PhD	:	Senior Research Fellow
Mrs.P.Dutta, M.Sc (Stat)	:	Medical Record Officer
Mrs.S.Ahmed, M.Sc.	:	Social Investigator
Mrs.S.Neog, M.Sc.	:	Social Investigator
Mr.K.Saikia, B.A.	:	Clerk
Mrs.I.Baruah, M.A.	:	Clerk
Mr.S.R.Nath, H.S.	:	Clerk
Mrs.R.Begum, H.S.	:	Clerk
Mrs.J.Sonowal, B.A.	:	Coding Clerk
Mr.P.Deuri, H.S.	:	Typist

**Table: DBG - 1(a): Number of Cancers by Site (ICD-9) and 5 Year Age Group:
1984 - 93 - Males**

ANS=Age Not Specified ; %= Relative Proportion of Cancers of All Sites.

Dibrugarh

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	3	4	10	12	16	12	4	1	3	0	66	0.79
141	Tongue	0	0	1	0	2	6	19	38	48	104	116	90	94	48	32	21	0	619	7.45
142	Salivary Glands	0	0	1	0	0	1	2	3	1	5	2	2	5	0	3	3	0	28	0.34
143	Gum	0	0	0	0	1	2	4	3	9	14	16	12	11	6	4	3	0	85	1.02
144	Floor Of Mouth	0	0	0	0	0	0	0	1	5	9	4	4	4	1	2	4	0	34	0.41
145	Other Mouth	0	0	0	0	1	7	8	24	23	57	64	46	38	30	19	7	0	324	3.90
146	Oropharynx	0	0	0	0	1	5	21	55	85	125	143	129	101	63	30	13	0	771	9.28
147	Nasopharynx	0	0	3	3	12	4	12	12	17	18	17	9	11	6	2	2	0	128	1.54
148	Hypopharynx	0	0	0	1	0	14	32	74	121	196	251	218	206	105	59	34	0	1311	15.78
149	Pharynx Etc.	0	0	0	1	0	4	0	17	23	38	33	40	35	25	13	6	0	235	2.83
150	Oesophagus	0	0	0	0	3	3	28	51	114	240	285	243	251	103	71	42	0	1434	17.26
151	Stomach	0	0	0	0	3	5	11	23	40	65	77	49	64	28	12	11	0	388	4.67
152	Small Intes.	0	0	0	0	0	1	0	1	1	1	1	1	1	1	0	0	0	8	0.10
153	Colon	0	0	1	0	1	3	6	5	8	10	7	7	5	6	2	2	0	63	0.76
154	Rectum	0	0	1	3	3	6	8	7	8	17	14	11	16	4	8	2	0	108	1.30
155	Liver	0	1	0	0	3	0	1	2	4	7	10	10	10	5	4	1	0	58	0.70
156	Gall Bladder	0	0	0	0	0	0	2	2	5	6	5	5	3	5	0	1	0	34	0.41
157	Pancreas	0	0	0	0	0	0	1	3	8	4	4	4	4	1	0	0	0	29	0.35
158	Retroperit.	1	0	0	2	0	2	2	0	0	1	1	1	1	0	1	0	0	12	0.14
159	Other Dig. Sys.	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	2	0.02
160	Nasal Cavity	0	0	1	1	1	6	1	1	4	8	8	6	5	1	4	2	0	49	0.59
161	Larynx	0	0	0	0	0	4	10	14	33	49	63	45	63	26	19	15	0	341	4.10
162	Lung	0	0	0	0	2	1	2	10	18	48	59	64	60	47	28	6	0	345	4.15
163	Pleura	0	0	0	0	0	0	0	1	0	1	1	5	3	1	0	0	0	12	0.14
164	Thymus	0	0	0	1	0	2	0	0	0	0	2	0	0	0	0	0	0	5	0.06
165	Other Resp.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.01
170	Bone	1	3	12	16	11	6	8	7	7	4	0	3	3	0	0	1	0	82	0.99
171	Conn. Tiss.	1	3	3	7	6	4	4	9	5	8	10	0	4	1	3	0	0	68	0.82
172	Skin Melanoma	0	0	0	2	0	2	0	1	3	6	4	5	4	3	1	0	0	31	0.37
173	Skin Other	1	0	3	1	1	3	11	8	6	13	13	14	15	5	1	6	0	101	1.22
175	Breast Male	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	4	0.05
185	Prostate	0	0	0	0	0	0	0	0	0	2	3	2	4	5	3	1	0	20	0.24
186	Testis	2	1	0	4	5	12	10	1	1	5	6	3	2	0	2	0	0	54	0.65
187	Penis Etc.	0	0	0	0	5	4	8	18	15	14	20	8	19	8	6	3	0	128	1.54
188	Uri. Bladder	2	0	0	0	1	1	0	1	3	5	3	9	7	12	4	4	0	52	0.63
189	Kidney	4	4	0	1	0	1	1	0	2	1	0	0	3	0	1	0	0	18	0.22
190	Eye	20	3	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	26	0.31
191	Brain	2	4	1	0	3	3	0	4	0	1	1	0	0	0	0	0	0	19	0.23
192	Nervous Sy.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
193	Thyroid Gland	1	0	0	0	2	0	3	4	3	3	4	3	6	0	1	0	0	30	0.36
194	Oth. Endo. Glands	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.04
195	Ill Def. Site	2	1	0	0	4	0	1	1	1	4	0	2	2	2	2	0	0	22	0.26
196	Sec. Lymph Node	0	0	0	0	6	7	13	33	66	102	119	98	110	48	29	30	0	661	7.96
197	Sec. Res. Etc.	0	0	0	1	1	1	1	3	4	11	7	8	5	6	2	1	0	51	0.61
198	Sec. Other	0	0	0	0	0	1	1	1	2	2	6	2	2	1	0	1	0	19	0.23
199	Prim. Unknown	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	0.02
200	Lymphosarcoma	2	3	9	10	10	7	7	11	16	14	14	13	13	3	5	4	0	141	1.70
201	Hodgkin's Disease	2	7	4	6	3	5	2	3	0	1	3	2	3	1	0	0	0	42	0.51
202	Oth. Lymphoma	1	3	2	11	1	4	4	3	7	8	7	1	5	2	2	1	0	62	0.75
203	Multi. Myeloma	0	0	0	0	0	1	1	0	1	1	4	2	3	1	1	0	0	15	0.18
204	Leuk. Lymphatic	6	9	11	12	4	1	0	3	2	1	3	3	1	0	0	0	0	56	0.67
205	Leuk. Myelocytic	8	1	5	8	14	11	8	10	9	10	5	7	3	2	1	0	0	102	1.23
206	Leuk. Monocytic	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	3	0.04
207	Leuk. Misc.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.01
208	Leuk. Unspecified	1	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	6	0.07
	All Sites	57	48	61	91	110	151	255	472	734	1250	1431	1204	1219	617	379	230	0	8309	100.00

**Table: DBG - 1(b): Number of Cancers by Site (ICD-9) and 5 Year Age Group:
1984 - 93 - Females**

ANS=Age Not Specified ; %= Relative Proportion of Cancers of All Sites.

Dibrugarh

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	1	0	0	0	0	1	2	5	5	3	4	4	2	1	0	0	28	0.75
141	Tongue	0	0	0	0	2	4	6	6	21	28	28	24	19	10	6	2	0	156	4.18
142	Salivary Glands	0	0	0	0	1	0	0	0	1	1	2	1	0	0	0	0	0	6	0.16
143	Gum	0	0	0	1	0	2	0	5	11	10	10	2	1	2	2	1	0	47	1.26
144	Floor Of Mouth	0	0	0	0	0	0	1	0	3	3	2	1	3	1	1	0	0	15	0.40
145	Other Mouth	0	0	0	1	0	2	6	7	12	29	25	15	23	12	5	4	0	141	3.77
146	Oropharynx	0	0	0	0	0	4	0	12	27	21	35	28	15	7	6	1	0	156	4.18
147	Nasopharynx	0	0	0	0	2	3	0	1	3	4	2	6	4	0	0	0	0	25	0.67
148	Hypopharynx	0	0	0	0	0	2	5	12	19	30	30	24	19	3	4	0	0	148	3.96
149	Pharynx Etc.	0	0	0	0	0	2	3	4	3	6	13	4	7	1	2	0	0	45	1.20
150	Oesophagus	0	0	0	0	1	4	14	30	51	93	91	90	78	39	8	7	0	506	13.54
151	Stomach	0	0	0	2	2	5	15	16	17	25	41	16	22	7	7	1	0	176	4.71
152	Small Intes.	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0	4	0.11
153	Colon	0	0	0	1	0	2	3	4	2	8	4	3	4	1	1	0	0	33	0.88
154	Rectum	0	0	1	3	1	4	1	10	4	9	5	1	4	2	3	0	0	48	1.28
155	Liver	1	0	0	0	1	2	2	3	4	5	2	5	3	0	0	0	0	28	0.75
156	Gall Bladder	0	0	0	0	0	0	3	5	13	18	11	17	10	2	1	2	0	82	2.19
157	Pancreas	0	0	0	0	2	0	0	2	2	3	0	2	2	1	2	0	0	16	0.43
158	Retroperit.	1	0	0	1	1	3	3	1	2	2	3	1	2	0	0	0	0	20	0.54
159	Other Dig. Sys.	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0.03
160	Nasal Cavity	0	0	0	0	1	2	0	4	3	3	3	0	1	1	0	2	0	20	0.54
161	Larynx	0	0	0	1	0	0	2	2	9	9	6	4	6	4	1	0	0	44	1.18
162	Lung	0	0	0	0	0	1	2	4	6	12	15	11	7	5	1	1	0	65	1.74
163	Pleura	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	0	0	7	0.19
164	Thymus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
165	Other Resp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170	Bone	1	4	3	6	5	6	1	3	2	3	2	1	1	2	0	0	0	40	1.07
171	Conn. Tiss.	4	1	2	1	3	1	4	2	1	0	0	1	1	1	0	0	0	22	0.59
172	Skin Melanoma	0	0	0	0	1	0	0	1	1	1	1	1	2	1	0	0	0	9	0.24
173	Skin Other	0	0	0	1	4	2	6	5	4	10	7	4	10	4	1	3	0	61	1.63
174	Breast	0	0	0	0	6	31	42	81	76	63	47	31	21	9	4	1	0	412	11.03
179	Uterus Nos.	0	1	0	0	0	0	1	0	0	1	1	0	1	0	1	0	0	6	0.16
180	Cervix	0	0	0	0	7	13	55	105	107	106	110	67	49	23	4	4	0	650	17.40
181	Placenta	0	0	0	0	3	6	2	5	0	1	0	1	0	0	0	0	0	18	0.48
182	Body Uterus	0	0	0	0	0	2	0	5	2	0	6	2	0	1	1	0	0	19	0.51
183	Ovary	0	2	7	9	7	5	13	21	24	23	21	5	18	3	0	0	0	158	4.23
184	Vagina	0	0	0	0	2	0	1	1	6	8	11	5	6	5	4	0	0	49	1.31
188	Uri. Bladder	0	0	0	0	0	0	0	0	1	2	2	1	1	0	1	0	0	8	0.21
189	Kidney	7	1	1	0	1	1	0	0	2	0	3	0	1	0	0	0	0	17	0.46
190	Eye	20	2	0	1	2	0	0	0	0	1	0	0	1	0	0	0	0	27	0.72
191	Brain	0	2	1	2	2	1	0	0	1	0	0	0	1	0	0	0	0	10	0.27
192	Nervous Sy.	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0.03
193	Thyroid Gland	0	0	0	0	0	3	2	4	4	8	7	3	2	0	1	0	0	34	0.91
194	Oth. Endo. Glands	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0.03
195	Ill Def. Site	0	1	0	1	2	1	4	1	2	1	3	3	0	0	0	0	0	19	0.51
196	Sec. Lymph Node	1	0	0	1	1	6	5	9	13	29	30	23	21	8	4	2	0	153	4.10
197	Sec. Res. Etc.	0	1	0	0	1	1	2	3	5	7	6	2	8	1	0	0	0	37	0.99
198	Sec. Other	0	1	0	0	0	1	1	3	0	2	1	0	1	0	0	0	0	10	0.27
199	Prim. Unknown	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	4	0.11
200	Lymphosarcoma	1	3	3	3	0	2	7	5	4	7	6	4	4	0	0	0	0	49	1.31
201	Hodgkin's Disease	1	2	2	0	1	1	0	0	1	0	0	1	0	0	0	1	0	10	0.27
202	Oth. Lymphoma	2	1	2	1	0	0	2	2	2	2	1	2	2	1	0	0	0	20	0.54
203	Multi. Myeloma	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	4	0.11
204	Leuk. Lymphatic	6	6	2	4	0	2	1	1	0	0	0	0	0	0	0	0	0	22	0.59
205	Leuk. Myelocytic	3	3	3	5	6	8	5	4	4	2	1	0	0	1	0	0	0	45	1.20
206	Leuk. Monocytic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207	Leuk. Misc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
208	Leuk. Unspecified	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	4	0.11
	All Sites	48	32	28	46	69	137	226	393	481	605	599	417	387	162	74	32	0	3736	100.00

**TABLE:DBG - 2(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Method of Diagnosis
1984 - 93 - Males
Dibrugarh**

ICD-9	Site	Clinical		Microscopic		X - Ray		Others		Total	
		#	%	#	%	#	%	#	%	#	%
140	Lip	0	0.0	63	95.5	0	0.0	3	4.5	66	100.0
141	Tongue	5	0.8	614	99.2	0	0.0	0	0.0	619	100.0
142	Salivary Glands	0	0.0	27	96.4	0	0.0	1	3.6	28	100.0
143	Gum	0	0.0	82	96.5	1	1.2	2	2.4	85	100.0
144	Floor Of Mouth	1	2.9	33	97.1	0	0.0	0	0.0	34	100.0
145	Other Mouth	1	0.3	319	98.5	0	0.0	4	1.2	324	100.0
146	Oropharynx	3	0.4	768	99.6	0	0.0	0	0.0	771	100.0
147	Nasopharynx	1	0.8	121	94.5	6	4.7	0	0.0	128	100.0
148	Hypopharynx	13	1.0	1298	99.0	0	0.0	0	0.0	1311	100.0
149	Pharynx Etc.	1	0.4	234	99.6	0	0.0	0	0.0	235	100.0
150	Oesophagus	1	0.1	1076	75.0	352	24.5	5	0.3	1434	100.0
151	Stomach	1	0.3	243	62.6	96	24.7	48	12.4	388	100.0
152	Small Intes.	0	0.0	6	75.0	1	12.5	1	12.5	8	100.0
153	Colon	0	0.0	42	66.7	8	12.7	13	20.6	63	100.0
154	Rectum	0	0.0	99	91.7	3	2.8	6	5.6	108	100.0
155	Liver	4	6.9	49	84.5	4	6.9	1	1.7	58	100.0
156	Gall Bladder	1	2.9	21	61.8	8	23.5	4	11.8	34	100.0
157	Pancreas	0	0.0	11	37.9	4	13.8	14	48.3	29	100.0
158	Retroperit.	0	0.0	11	91.7	0	0.0	1	8.3	12	100.0
159	Other Dig. Sys.	0	0.0	1	50.0	0	0.0	1	50.0	2	100.0
160	Nasal Cavity	0	0.0	43	87.8	6	12.2	0	0.0	49	100.0
161	Larynx	3	0.9	337	98.8	1	0.3	0	0.0	341	100.0
162	Lung	4	1.2	123	35.7	215	62.3	3	0.9	345	100.0
163	Pleura	0	0.0	8	66.7	4	33.3	0	0.0	12	100.0
164	Thymus	1	20.0	1	20.0	3	60.0	0	0.0	5	100.0
165	Other Resp.	0	0.0	1	100.0	0	0.0	0	0.0	1	100.0
170	Bone	0	0.0	62	75.6	17	20.7	3	3.7	82	100.0
171	Conn. Tiss.	0	0.0	65	95.6	2	2.9	1	1.5	68	100.0
172	Skin Melanoma	0	0.0	30	96.8	1	3.2	0	0.0	31	100.0
173	Skin Other	0	0.0	100	99.0	0	0.0	1	1.0	101	100.0
175	Breast Male	0	0.0	4	100.0	0	0.0	0	0.0	4	100.0
185	Prostate	2	10.0	14	70.0	1	5.0	3	15.0	20	100.0
186	Testis	1	1.9	49	90.7	0	0.0	4	7.4	54	100.0
187	Penis Etc.	2	1.6	118	92.2	0	0.0	8	6.3	128	100.0
188	Uri. Bladder	1	1.9	45	86.5	3	5.8	3	5.8	52	100.0
189	Kidney	1	5.6	12	66.7	3	16.7	2	11.1	18	100.0
190	Eye	7	26.9	19	73.1	0	0.0	0	0.0	26	100.0
191	Brain	0	0.0	18	94.7	1	5.3	0	0.0	19	100.0
192	Nervous Sy.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
193	Thyroid Gland	0	0.0	28	93.3	2	6.7	0	0.0	30	100.0
194	Oth. Endo. Glands	0	0.0	2	66.7	1	33.3	0	0.0	3	100.0
195	Ill Def. Site	2	9.1	19	86.4	0	0.0	1	4.5	22	100.0
196	Sec. Lymph Node	11	1.7	649	98.2	1	0.2	0	0.0	661	100.0
197	Sec. Res. Etc.	9	17.6	32	62.7	10	19.6	0	0.0	51	100.0
198	Sec. Other	1	5.3	15	78.9	3	15.8	0	0.0	19	100.0
199	Prim. Unknown	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0
200	Lymphosarcoma	0	0.0	141	100.0	0	0.0	0	0.0	141	100.0
201	Hodgkin's Disease	0	0.0	42	100.0	0	0.0	0	0.0	42	100.0
202	Oth. Lymphoma	1	1.6	59	95.2	2	3.2	0	0.0	62	100.0
203	Multi. Myeloma	0	0.0	13	86.7	2	13.3	0	0.0	15	100.0
204	Leuk. Lymphatic	0	0.0	56	100.0	0	0.0	0	0.0	56	100.0
205	Leuk. Myelocytic	0	0.0	102	100.0	0	0.0	0	0.0	102	100.0
206	Leuk. Monocytic	0	0.0	3	100.0	0	0.0	0	0.0	3	100.0
207	Leuk. Misc.	0	0.0	1	100.0	0	0.0	0	0.0	1	100.0
208	Leuk. Unspecified	0	0.0	6	100.0	0	0.0	0	0.0	6	100.0
	All Sites	80	1.0	7335	88.3	761	9.2	133	1.6	8309	100.0

**Table:DBG - 2(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Method of Diagnosis
1984 - 93 - Females
Dibrugarh**

ICD-9	Site	Clinical		Microscopic		X - Ray		Others		Total	
		#	%	#	%	#	%	#	%	#	%
140	Lip	0	0.0	28	100.0	0	0.0	0	0.0	28	100.0
141	Tongue	5	3.2	151	96.8	0	0.0	0	0.0	156	100.0
142	Salivary Glands	0	0.0	6	100.0	0	0.0	0	0.0	6	100.0
143	Gum	1	2.1	46	97.9	0	0.0	0	0.0	47	100.0
144	Floor Of Mouth	0	0.0	15	100.0	0	0.0	0	0.0	15	100.0
145	Other Mouth	1	0.7	139	98.6	0	0.0	1	0.7	141	100.0
146	Oropharynx	0	0.0	156	100.0	0	0.0	0	0.0	156	100.0
147	Nasopharynx	0	0.0	25	100.0	0	0.0	0	0.0	25	100.0
148	Hypopharynx	1	0.7	147	99.3	0	0.0	0	0.0	148	100.0
149	Pharynx Etc.	0	0.0	45	100.0	0	0.0	0	0.0	45	100.0
150	Oesophagus	1	0.2	393	77.7	110	21.7	2	0.4	506	100.0
151	Stomach	0	0.0	118	67.0	35	19.9	23	13.1	176	100.0
152	Small Intes.	0	0.0	4	100.0	0	0.0	0	0.0	4	100.0
153	Colon	1	3.0	22	66.7	5	15.2	5	15.2	33	100.0
154	Rectum	0	0.0	45	93.8	2	4.2	1	2.1	48	100.0
155	Liver	5	17.9	23	82.1	0	0.0	0	0.0	28	100.0
156	Gall Bladder	1	1.2	61	74.4	13	15.9	7	8.5	82	100.0
157	Pancreas	0	0.0	6	37.5	3	18.8	7	43.8	16	100.0
158	Retroperit.	0	0.0	20	100.0	0	0.0	0	0.0	20	100.0
159	Other Dig. Sys.	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0
160	Nasal Cavity	0	0.0	18	90.0	2	10.0	0	0.0	20	100.0
161	Larynx	1	2.3	43	97.7	0	0.0	0	0.0	44	100.0
162	Lung	2	3.1	32	49.2	31	47.7	0	0.0	65	100.0
163	Pleura	0	0.0	5	71.4	2	28.6	0	0.0	7	100.0
164	Thymus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	1	2.5	30	75.0	9	22.5	0	0.0	40	100.0
171	Conn. Tiss.	0	0.0	21	95.5	0	0.0	1	4.5	22	100.0
172	Skin Melanoma	0	0.0	9	100.0	0	0.0	0	0.0	9	100.0
173	Skin Other	2	3.3	59	96.7	0	0.0	0	0.0	61	100.0
174	Breast	13	3.2	372	90.3	7	1.7	20	4.9	412	100.0
179	Uterus Nos.	0	0.0	5	83.3	0	0.0	1	16.7	6	100.0
180	Cervix	32	4.9	615	94.6	1	0.2	2	0.3	650	100.0
181	Placenta	4	22.2	9	50.0	5	27.8	0	0.0	18	100.0
182	Body Uterus	0	0.0	18	94.7	0	0.0	1	5.3	19	100.0
183	Ovary	10	6.3	131	82.9	3	1.9	14	8.9	158	100.0
184	Vagina	1	2.0	47	95.9	0	0.0	1	2.0	49	100.0
188	Uri. Bladder	0	0.0	8	100.0	0	0.0	0	0.0	8	100.0
189	Kidney	0	0.0	11	64.7	4	23.5	2	11.8	17	100.0
190	Eye	5	18.5	20	74.1	1	3.7	1	3.7	27	100.0
191	Brain	0	0.0	9	90.0	1	10.0	0	0.0	10	100.0
192	Nervous Sy.	0	0.0	1	100.0	0	0.0	0	0.0	1	100.0
193	Thyroid Gland	0	0.0	34	100.0	0	0.0	0	0.0	34	100.0
194	Oth. Endo. Glands	0	0.0	0	0.0	0	0.0	1	100.0	1	100.0
195	Ill Def. Site	3	15.8	14	73.7	1	5.3	1	5.3	19	100.0
196	Sec. Lymph Node	1	0.7	152	99.3	0	0.0	0	0.0	153	100.0
197	Sec. Res. Etc.	5	13.5	21	56.8	11	29.7	0	0.0	37	100.0
198	Sec. Other	0	0.0	9	90.0	1	10.0	0	0.0	10	100.0
199	Prim. Unknown	0	0.0	2	50.0	2	50.0	0	0.0	4	100.0
200	Lymphosarcoma	0	0.0	48	98.0	1	2.0	0	0.0	49	100.0
201	Hodgkin's Disease	0	0.0	10	100.0	0	0.0	0	0.0	10	100.0
202	Oth. Lymphoma	0	0.0	20	100.0	0	0.0	0	0.0	20	100.0
203	Multi. Myeloma	0	0.0	4	100.0	0	0.0	0	0.0	4	100.0
204	Leuk. Lymphatic	0	0.0	22	100.0	0	0.0	0	0.0	22	100.0
205	Leuk. Myelocytic	0	0.0	45	100.0	0	0.0	0	0.0	45	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	4	100.0	0	0.0	0	0.0	4	100.0
	All Sites	96	2.6	3298	88.3	251	6.7	91	2.4	3736	100.0

**Table: DBG - 3(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Detailed Microscopic Diagnosis
1984 - 93 - Males
Dibrugarh**

ICD-9	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	62	93.9	1	1.5	0	0.0	0	0.0	0	0.0	3	4.5	66	100.0
141	Tongue	579	93.5	27	4.4	7	1.1	0	0.0	0	0.0	6	1.0	619	100.0
142	Salivary Glands	25	89.3	2	7.1	0	0.0	0	0.0	0	0.0	1	3.6	28	100.0
143	Gum	82	96.5	0	0.0	0	0.0	0	0.0	0	0.0	3	3.5	85	100.0
144	Floor of Mouth	33	97.1	0	0.0	0	0.0	0	0.0	0	0.0	1	2.9	34	100.0
145	Other Mouth	315	97.2	4	1.2	0	0.0	0	0.0	0	0.0	5	1.5	324	100.0
146	Oropharynx	735	95.3	27	3.5	6	0.8	0	0.0	0	0.0	3	0.4	771	100.0
147	Nasopharynx	90	70.3	30	23.4	1	0.8	0	0.0	0	0.0	7	5.5	128	100.0
148	Hypopharynx	1217	92.8	70	5.3	11	0.8	0	0.0	0	0.0	13	1.0	1311	100.0
149	Pharynx Etc.	230	97.9	4	1.7	0	0.0	0	0.0	0	0.0	1	0.4	235	100.0
150	Oesophagus	1063	74.1	11	0.8	2	0.1	0	0.0	0	0.0	358	25.0	1434	100.0
151	Stomach	184	47.4	50	12.9	9	2.3	0	0.0	0	0.0	145	37.4	388	100.0
152	Small Intes.	5	62.5	1	12.5	0	0.0	0	0.0	0	0.0	2	25.0	8	100.0
153	Colon	31	49.2	10	15.9	1	1.6	0	0.0	0	0.0	21	33.3	63	100.0
154	Rectum	94	87.0	4	3.7	1	0.9	0	0.0	0	0.0	9	8.3	108	100.0
155	Liver	37	63.8	1	1.7	11	19.0	0	0.0	0	0.0	9	15.5	58	100.0
156	Gall Bladder	13	38.2	8	23.5	0	0.0	0	0.0	0	0.0	13	38.2	34	100.0
157	Pancreas	4	13.8	7	24.1	0	0.0	0	0.0	0	0.0	18	62.1	29	100.0
158	Retroperito.	5	41.7	2	16.7	4	33.3	0	0.0	0	0.0	1	8.3	12	100.0
159	Other Dig. Sys.	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	1	50.0	2	100.0
160	Nasal Cavity	41	83.7	1	2.0	1	2.0	0	0.0	0	0.0	6	12.2	49	100.0
161	Larynx	315	92.4	17	5.0	5	1.5	0	0.0	0	0.0	4	1.2	341	100.0
162	Lung	56	16.2	39	11.3	28	8.1	0	0.0	0	0.0	222	64.3	345	100.0
163	Pleura	2	16.7	0	0.0	6	50.0	0	0.0	0	0.0	4	33.3	12	100.0
164	Thymus	0	0.0	1	20.0	0	0.0	0	0.0	0	0.0	4	80.0	5	100.0
165	Other Resp.	1	99.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
170	Bone	61	74.4	1	1.2	0	0.0	0	0.0	0	0.0	20	24.4	82	100.0
171	Conn. Tiss.	62	91.2	0	0.0	3	4.4	0	0.0	0	0.0	3	4.4	68	100.0
172	Skin Melanoma	26	83.9	3	9.7	1	3.2	0	0.0	0	0.0	1	3.2	31	100.0
173	Skin Other	98	97.0	2	2.0	0	0.0	0	0.0	0	0.0	1	1.0	101	100.0
175	Breast Male	2	50.0	2	50.0	0	0.0	0	0.0	0	0.0	0	0.0	4	100.0
185	Prostate	13	65.0	1	5.0	0	0.0	0	0.0	0	0.0	6	30.0	20	100.0
186	Testis	41	75.9	4	7.4	4	7.4	0	0.0	0	0.0	5	9.3	54	100.0
187	Penis Etc.	114	89.1	4	3.1	0	0.0	0	0.0	0	0.0	10	7.8	128	100.0
188	Uri. Bladder	44	84.6	0	0.0	1	1.9	0	0.0	0	0.0	7	13.5	52	100.0
189	Kidney	10	55.6	1	5.6	1	5.6	0	0.0	0	0.0	6	33.3	18	100.0
190	Eye	18	69.2	0	0.0	0	0.0	0	0.0	1	3.8	7	26.9	26	100.0
191	Brain	16	84.2	2	10.5	0	0.0	0	0.0	0	0.0	1	5.3	19	100.0
192	Nervous Sy.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
193	Thyroid Gland	16	53.3	5	16.7	7	23.3	0	0.0	0	0.0	2	6.7	30	100.0
194	Oth. Endo. Glands	2	66.7	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	3	100.0
195	Ill Def. Site	11	50.0	3	13.6	5	22.7	0	0.0	0	0.0	3	13.6	22	100.0
196	Sec. Lymph Node	0	0.0	588	89.0	61	9.2	0	0.0	0	0.0	12	1.8	661	100.0
197	Sec. Res. Etc.	0	0.0	27	52.9	5	9.8	0	0.0	0	0.0	19	37.3	51	100.0
198	Sec. Other	0	0.0	13	68.4	2	10.5	0	0.0	0	0.0	4	21.1	19	100.0
199	Prim. Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	99.9	2	100.0
200	Lymphosarcoma	134	95.0	1	0.7	6	4.3	0	0.0	0	0.0	0	0.0	141	100.0
201	Hodgkin's Disease	41	97.6	1	2.4	0	0.0	0	0.0	0	0.0	0	0.0	42	100.0
202	Oth. Lymphoma	56	90.3	0	0.0	2	3.2	1	1.6	0	0.0	3	4.8	62	100.0
203	Mult. Myeloma	4	26.7	0	0.0	2	13.3	7	46.7	0	0.0	2	13.3	15	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	51	91.1	5	8.9	0	0.0	56	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	97	95.1	5	4.9	0	0.0	102	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	3	99.9	0	0.0	0	0.0	3	100.0
207	Leuk. Oth. Sp.	0	0.0	0	0.0	0	0.0	1	99.9	0	0.0	0	0.0	1	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	6	99.9	0	0.0	0	0.0	6	100.0
	All Sites	5988	72.1	976	11.7	193	2.3	166	2.0	11	0.1	975	11.7	8309	100.0

**Table: DBG - 3(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Detailed Microscopic Diagnosis
1984 - 93 - Females
Dibrugarh**

ICD-9	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	28	99.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	28	100.0
141	Tongue	145	92.9	4	2.6	2	1.3	0	0.0	0	0.0	5	3.2	156	100.0
142	Salivary Glands	4	66.7	1	16.7	1	16.7	0	0.0	0	0.0	0	0.0	6	100.0
143	Gum	45	95.7	1	2.1	0	0.0	0	0.0	0	0.0	1	2.1	47	100.0
144	Floor of Mouth	15	99.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	15	100.0
145	Other Mouth	137	97.2	1	0.7	1	0.7	0	0.0	0	0.0	2	1.4	141	100.0
146	Oropharynx	147	94.2	8	5.1	1	0.6	0	0.0	0	0.0	0	0.0	156	100.0
147	Nasopharynx	19	76.0	6	24.0	0	0.0	0	0.0	0	0.0	0	0.0	25	100.0
148	Hypopharynx	141	95.3	6	4.1	0	0.0	0	0.0	0	0.0	1	0.7	148	100.0
149	Pharynx Etc.	45	99.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	45	100.0
150	Oesophagus	389	76.9	4	0.8	0	0.0	0	0.0	0	0.0	113	22.3	506	100.0
151	Stomach	86	48.9	23	13.1	9	5.1	0	0.0	0	0.0	58	33.0	176	100.0
152	Small Intes.	4	99.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	100.0
153	Colon	18	54.5	4	12.1	0	0.0	0	0.0	0	0.0	11	33.3	33	100.0
154	Rectum	44	91.7	1	2.1	0	0.0	0	0.0	0	0.0	3	6.3	48	100.0
155	Liver	16	57.1	1	3.6	6	21.4	0	0.0	0	0.0	5	17.9	28	100.0
156	Gall Bladder	44	53.7	12	14.6	5	6.1	0	0.0	0	0.0	21	25.6	82	100.0
157	Pancreas	2	12.5	4	25.0	0	0.0	0	0.0	0	0.0	10	62.5	16	100.0
158	Retroperito.	11	55.0	4	20.0	5	25.0	0	0.0	0	0.0	0	0.0	20	100.0
159	Other Dig. Sys.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	99.9	1	100.0
160	Nasal Cavity	17	85.0	1	5.0	0	0.0	0	0.0	0	0.0	2	10.0	20	100.0
161	Larynx	40	90.9	3	6.8	0	0.0	0	0.0	0	0.0	1	2.3	44	100.0
162	Lung	15	23.1	6	9.2	11	16.9	0	0.0	0	0.0	33	50.8	65	100.0
163	Pleura	0	0.0	0	0.0	5	71.4	0	0.0	0	0.0	2	28.6	7	100.0
164	Thymus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	29	72.5	0	0.0	1	2.5	0	0.0	0	0.0	10	25.0	40	100.0
171	Conn. Tiss.	20	90.9	1	4.5	0	0.0	0	0.0	0	0.0	1	4.5	22	100.0
172	Skin Melanoma	9	99.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9	100.0
173	Skin Other	55	90.2	2	3.3	2	3.3	0	0.0	0	0.0	2	3.3	61	100.0
174	Breast Female	338	82.0	16	3.9	18	4.4	0	0.0	0	0.0	40	9.7	412	100.0
179	Uterus Nos.	5	83.3	0	0.0	0	0.0	0	0.0	0	0.0	1	16.7	6	100.0
180	Cervix	607	93.4	6	0.9	2	0.3	0	0.0	0	0.0	35	5.4	650	100.0
181	Placenta	8	44.4	0	0.0	1	5.6	0	0.0	0	0.0	9	50.0	18	100.0
182	Body Uterus	18	94.7	0	0.0	0	0.0	0	0.0	0	0.0	1	5.3	19	100.0
183	Ovary	105	66.5	12	7.6	14	8.9	0	0.0	0	0.0	27	17.1	158	100.0
184	Vagina	46	93.9	0	0.0	1	2.0	0	0.0	0	0.0	2	4.1	49	100.0
188	Uri. Bladder	7	87.5	1	12.5	0	0.0	0	0.0	0	0.0	0	0.0	8	100.0
189	Kidney	11	64.7	0	0.0	0	0.0	0	0.0	0	0.0	6	35.3	17	100.0
190	Eye	18	66.7	2	7.4	0	0.0	0	0.0	0	0.0	7	25.9	27	100.0
191	Brain	9	90.0	0	0.0	0	0.0	0	0.0	0	0.0	1	10.0	10	100.0
192	Nervous Sy.	1	99.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
193	Thyroid Gland	23	67.6	6	17.6	5	14.7	0	0.0	0	0.0	0	0.0	34	100.0
194	Oth. Endo. Glands	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	99.9	1	100.0
195	Ill Def. Site	9	47.4	2	10.5	3	15.8	0	0.0	0	0.0	5	26.3	19	100.0
196	Sec. Lymph Node	1	0.7	134	87.6	17	11.1	0	0.0	0	0.0	1	0.7	153	100.0
197	Sec. Res. Etc.	0	0.0	15	40.5	5	13.5	0	0.0	1	2.7	16	43.2	37	100.0
198	Sec. Other	0	0.0	7	70.0	2	20.0	0	0.0	0	0.0	1	10.0	10	100.0
199	Prim. Unknown	0	0.0	2	50.0	0	0.0	0	0.0	0	0.0	2	50.0	4	100.0
200	Lymphosarcoma	46	93.9	0	0.0	2	4.1	0	0.0	0	0.0	1	2.0	49	100.0
201	Hodgkin's Disease	10	99.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10	100.0
202	Oth. Lymphoma	19	95.0	0	0.0	1	5.0	0	0.0	0	0.0	0	0.0	20	100.0
203	Mult. Myeloma	1	25.0	0	0.0	0	0.0	2	50.0	1	25.0	0	0.0	4	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	21	95.5	1	4.5	0	0.0	22	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	42	93.3	3	6.7	0	0.0	45	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Oth. Sp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	4	99.9	0	0.0	0	0.0	4	100.0
	All Sites	2807	75.1	296	7.9	120	3.2	69	1.8	6	0.2	438	11.7	3736	100.0

**Table: DBG - 4(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Broad Treatment Group
1984 - 93 - Males
Dibrugarh**

ICD-9	Site	Prior Tmt.		Prior + at RI		Only at RI		No CDT*		Total	
		#	%	#	%	#	%	#	%	#	%
140	Lip	1	1.5	3	4.5	56	84.8	6	9.1	66	100.0
141	Tongue	1	0.2	8	1.3	538	86.9	72	11.6	619	100.0
142	Salivary Glands	0	0.0	2	7.1	21	75.0	5	17.9	28	100.0
143	Gum	1	1.2	1	1.2	70	82.4	13	15.3	85	100.0
144	Floor Of Mouth	0	0.0	0	0.0	31	91.2	3	8.8	34	100.0
145	Other Mouth	0	0.0	6	1.9	275	84.9	43	13.3	324	100.0
146	Oropharynx	1	0.1	10	1.3	663	86.0	97	12.6	771	100.0
147	Nasopharynx	3	2.3	12	9.4	100	78.1	13	10.2	128	100.0
148	Hypopharynx	2	0.2	18	1.4	1144	87.3	147	11.2	1311	100.0
149	Pharynx Etc.	0	0.0	4	1.7	196	83.4	35	14.9	235	100.0
150	Oesophagus	6	0.4	16	1.1	1112	77.5	300	20.9	1434	100.0
151	Stomach	6	1.5	17	4.4	286	73.7	79	20.4	388	100.0
152	Small Intes.	0	0.0	3	37.5	4	50.0	1	12.5	8	100.0
153	Colon	1	1.6	5	7.9	47	74.6	10	15.9	63	100.0
154	Rectum	1	0.9	7	6.5	72	66.7	28	25.9	108	100.0
155	Liver	0	0.0	4	6.9	33	56.9	21	36.2	58	100.0
156	Gall Bladder	0	0.0	4	11.8	21	61.8	9	26.5	34	100.0
157	Pancreas	0	0.0	3	10.3	23	79.3	3	10.3	29	100.0
158	Retroperit.	0	0.0	1	8.3	7	58.3	4	33.3	12	100.0
159	Other Dig. Sys.	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0
160	Nasal Cavity	0	0.0	0	0.0	41	83.7	8	16.3	49	100.0
161	Larynx	2	0.6	10	2.9	287	84.2	42	12.3	341	100.0
162	Lung	6	1.7	17	4.9	244	70.7	78	22.6	345	100.0
163	Pleura	0	0.0	0	0.0	10	83.3	2	16.7	12	100.0
164	Thymus	0	0.0	3	60.0	2	40.0	0	0.0	5	100.0
165	Other Resp.	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0
170	Bone	1	1.2	3	3.7	54	65.9	24	29.3	82	100.0
171	Conn. Tiss.	2	2.9	5	7.4	50	73.5	11	16.2	68	100.0
172	Skin Melanoma	0	0.0	1	3.2	23	74.2	7	22.6	31	100.0
173	Skin Other	1	1.0	5	5.0	77	76.2	18	17.8	101	100.0
175	Breast Male	0	0.0	1	25.0	3	75.0	0	0.0	4	100.0
185	Prostate	0	0.0	6	30.0	13	65.0	1	5.0	20	100.0
186	Testis	0	0.0	6	11.1	44	81.5	4	7.4	54	100.0
187	Penis Etc.	0	0.0	9	7.0	95	74.2	24	18.8	128	100.0
188	Uri. Bladder	0	0.0	6	11.5	45	86.5	1	1.9	52	100.0
189	Kidney	1	5.6	1	5.6	14	77.8	2	11.1	18	100.0
190	Eye	0	0.0	0	0.0	21	80.8	5	19.2	26	100.0
191	Brain	1	5.3	11	57.9	5	26.3	2	10.5	19	100.0
192	Nervous Sy.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
193	Thyroid Gland	1	3.3	1	3.3	23	76.7	5	16.7	30	100.0
194	Oth. Endo. Glands	0	0.0	0	0.0	2	66.7	1	33.3	3	100.0
195	Ill Def. Site	1	4.5	5	22.7	15	68.2	1	4.5	22	100.0
196	Sec. Lymph Node	5	0.8	38	5.7	509	77.0	109	16.5	661	100.0
197	Sec. Res. Etc.	0	0.0	3	5.9	26	51.0	22	43.1	51	100.0
198	Sec. Other	0	0.0	0	0.0	12	63.2	7	36.8	19	100.0
199	Prim. Unknown	0	0.0	1	50.0	0	0.0	1	50.0	2	100.0
200	Lymphosarcoma	0	0.0	4	2.8	116	82.3	21	14.9	141	100.0
201	Hodgkin's Disease	0	0.0	3	7.1	34	81.0	5	11.9	42	100.0
202	Oth. Lymphoma	1	1.6	5	8.1	47	75.8	9	14.5	62	100.0
203	Multi. Myeloma	1	6.7	3	20.0	8	53.3	3	20.0	15	100.0
204	Leuk. Lymphatic	1	1.8	1	1.8	44	78.6	10	17.9	56	100.0
205	Leuk. Myelocytic	0	0.0	5	4.9	74	72.5	23	22.5	102	100.0
206	Leuk. Monocytic	1	33.3	0	0.0	1	33.3	1	33.3	3	100.0
207	Leuk. Misc.	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	5	83.3	1	16.7	6	100.0
	All Sites	48	0.6	277	3.3	6647	80.0	1337	16.1	8309	100.0

* : Cancer Directed Treatment

**Table: DBG - 4(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Broad Treatment Group
1984 - 93 - Females
Dibrugarh**

ICD-9	Site	Prior Tmt.		Prior+ at RI		Only at RI		No CDT*		Total	
		#	%	#	%	#	%	#	%	#	%
140	Lip	0	0.0	1	3.6	21	75.0	6	21.4	28	100.0
141	Tongue	1	0.6	2	1.3	130	83.3	23	14.7	156	100.0
142	Salivary Glands	0	0.0	0	0.0	5	83.3	1	16.7	6	100.0
143	Gum	1	2.1	3	6.4	35	74.5	8	17.0	47	100.0
144	Floor Of Mouth	0	0.0	0	0.0	12	80.0	3	20.0	15	100.0
145	Other Mouth	1	0.7	3	2.1	118	83.7	19	13.5	141	100.0
146	Oropharynx	1	0.6	5	3.2	133	85.3	17	10.9	156	100.0
147	Nasopharynx	0	0.0	3	12.0	22	88.0	0	0.0	25	100.0
148	Hypopharynx	1	0.7	0	0.0	131	88.5	16	10.8	148	100.0
149	Pharynx Etc.	0	0.0	1	2.2	38	84.4	6	13.3	45	100.0
150	Oesophagus	1	0.2	8	1.6	401	79.2	96	19.0	506	100.0
151	Stomach	0	0.0	15	8.5	128	72.7	33	18.8	176	100.0
152	Small Intes.	0	0.0	1	25.0	3	75.0	0	0.0	4	100.0
153	Colon	2	6.1	3	9.1	23	69.7	5	15.2	33	100.0
154	Rectum	0	0.0	4	8.3	27	56.3	17	35.4	48	100.0
155	Liver	1	3.6	3	10.7	11	39.3	13	46.4	28	100.0
156	Gall Bladder	0	0.0	6	7.3	58	70.7	18	22.0	82	100.0
157	Pancreas	0	0.0	1	6.3	12	75.0	3	18.8	16	100.0
158	Retroperit.	2	10.0	4	20.0	12	60.0	2	10.0	20	100.0
159	Other Dig. Sys.	0	0.0	1	100.0	0	0.0	0	0.0	1	100.0
160	Nasal Cavity	0	0.0	1	5.0	16	80.0	3	15.0	20	100.0
161	Larynx	1	2.3	1	2.3	35	79.5	7	15.9	44	100.0
162	Lung	1	1.5	3	4.6	43	66.2	18	27.7	65	100.0
163	Pleura	0	0.0	0	0.0	7	100.0	0	0.0	7	100.0
164	Thymus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	0	0.0	3	7.5	25	62.5	12	30.0	40	100.0
171	Conn. Tiss.	0	0.0	1	4.5	20	90.9	1	4.5	22	100.0
172	Skin Melanoma	0	0.0	2	22.2	4	44.4	3	33.3	9	100.0
173	Skin Other	0	0.0	3	4.9	45	73.8	13	21.3	61	100.0
174	Breast	2	0.5	48	11.7	332	80.6	30	7.3	412	100.0
179	Uterus Nos.	0	0.0	1	16.7	3	50.0	2	33.3	6	100.0
180	Cervix	8	1.2	29	4.5	547	84.2	66	10.2	650	100.0
181	Placenta	0	0.0	0	0.0	17	94.4	1	5.6	18	100.0
182	Body Uterus	1	5.3	1	5.3	15	78.9	2	10.5	19	100.0
183	Ovary	1	0.6	18	11.4	126	79.7	13	8.2	158	100.0
184	Vagina	0	0.0	2	4.1	41	83.7	6	12.2	49	100.0
188	Uri. Bladder	0	0.0	1	12.5	7	87.5	0	0.0	8	100.0
189	Kidney	1	5.9	0	0.0	15	88.2	1	5.9	17	100.0
190	Eye	0	0.0	2	7.4	19	70.4	6	22.2	27	100.0
191	Brain	0	0.0	3	30.0	7	70.0	0	0.0	10	100.0
192	Nervous Sy.	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0
193	Thyroid Gland	0	0.0	2	5.9	20	58.8	12	35.3	34	100.0
194	Oth. Endo. Glands	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0
195	Ill Def. Site	0	0.0	0	0.0	15	78.9	4	21.1	19	100.0
196	Sec. Lymph Node	1	0.7	12	7.8	108	70.6	32	20.9	153	100.0
197	Sec. Res. Etc.	4	10.8	1	2.7	16	43.2	16	43.2	37	100.0
198	Sec. Other	0	0.0	0	0.0	10	100.0	0	0.0	10	100.0
199	Prim. Unknown	0	0.0	0	0.0	4	100.0	0	0.0	4	100.0
200	Lymphosarcoma	2	4.1	1	2.0	38	77.6	8	16.3	49	100.0
201	Hodgkin's Disease	0	0.0	1	10.0	8	80.0	1	10.0	10	100.0
202	Oth. Lymphoma	1	5.0	0	0.0	16	80.0	3	15.0	20	100.0
203	Multi. Myeloma	0	0.0	0	0.0	3	75.0	1	25.0	4	100.0
204	Leuk. Lymphatic	1	4.5	0	0.0	15	68.2	6	27.3	22	100.0
205	Leuk. Myelocytic	0	0.0	1	2.2	32	71.1	12	26.7	45	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	0	0.0	3	75.0	1	25.0	4	100.0
	All Sites	35	0.9	201	5.4	2934	78.5	566	15.1	3736	100.0

* : Cancer Directed Treatment

**Table: DBG - 5(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease (Excluding the Cancers Previously Treated)
1984 - 93 - Males
Dibrugarh**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	28	45.2	32	51.6	2	3.2	0	0.0	0	0.0	62	100.0
141	Tongue	203	33.3	396	64.9	6	1.0	5	0.8	0	0.0	610	100.0
142	Salivary Glands	15	57.7	7	26.9	1	3.8	3	11.5	0	0.0	26	100.0
143	Gum	26	31.3	53	63.9	3	3.6	1	1.2	0	0.0	83	100.0
144	Floor of Mouth	9	26.5	24	70.6	1	2.9	0	0.0	0	0.0	34	100.0
145	Other Mouth	132	41.5	179	56.3	5	1.6	2	0.6	0	0.0	318	100.0
146	Oropharynx	159	20.9	586	77.1	13	1.7	2	0.3	0	0.0	760	100.0
147	Nasopharynx	4	3.5	87	77.0	12	10.6	9	8.0	1	0.9	113	100.0
148	Hypopharynx	394	30.5	868	67.2	19	1.5	10	0.8	0	0.0	1291	100.0
149	Pharynx Etc.	26	11.3	198	85.7	3	1.3	3	1.3	1	0.4	231	100.0
150	Oesophagus	612	43.3	329	23.3	83	5.9	388	27.5	0	0.0	1412	100.0
151	Stomach	27	7.4	140	38.4	159	43.6	38	10.4	1	0.3	365	100.0
152	Small Intes.	0	0.0	3	60.0	0	0.0	2	40.0	0	0.0	5	100.0
153	Colon	3	5.3	28	49.1	22	38.6	4	7.0	0	0.0	57	100.0
154	Rectum	10	10.0	53	53.0	23	23.0	14	14.0	0	0.0	100	100.0
155	Liver	2	3.7	2	3.7	13	24.1	37	68.5	0	0.0	54	100.0
156	Gall Bladder	2	6.7	9	30.0	17	56.7	2	6.7	0	0.0	30	100.0
157	Pancreas	3	11.5	11	42.3	11	42.3	1	3.8	0	0.0	26	100.0
158	Retroperito.	0	0.0	1	9.1	6	54.5	4	36.4	0	0.0	11	100.0
159	Other Dig. Sys.	1	50.0	0	0.0	1	50.0	0	0.0	0	0.0	2	100.0
160	Nasal Cavity	19	38.8	23	46.9	1	2.0	6	12.2	0	0.0	49	100.0
161	Larynx	106	32.2	208	63.2	5	1.5	10	3.0	0	0.0	329	100.0
162	Lung	2	0.6	17	5.3	119	37.0	184	57.1	0	0.0	322	100.0
163	Pleura	1	8.3	0	0.0	3	25.0	8	66.7	0	0.0	12	100.0
164	Thymus	0	0.0	0	0.0	1	50.0	1	50.0	0	0.0	2	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0
170	Bone	25	32.1	13	16.7	14	17.9	26	33.3	0	0.0	78	100.0
171	Conn. Tiss.	24	39.3	15	24.6	4	6.6	18	29.5	0	0.0	61	100.0
172	Skin Melanoma	6	20.0	4	13.3	10	33.3	10	33.3	0	0.0	30	100.0
173	Skin Other	50	52.6	34	35.8	7	7.4	4	4.2	0	0.0	95	100.0
175	Breast Male	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	3	100.0
185	Prostate	1	7.1	5	35.7	6	42.9	2	14.3	0	0.0	14	100.0
186	Testis	4	8.3	24	50.0	11	22.9	9	18.8	0	0.0	48	100.0
187	Penis Etc.	30	25.2	66	55.5	19	16.0	4	3.4	0	0.0	119	100.0
188	Uri. Bladder	9	19.6	13	28.3	7	15.2	17	37.0	0	0.0	46	100.0
189	Kidney	1	6.3	4	25.0	7	43.8	4	25.0	0	0.0	16	100.0
190	Eye	1	3.8	3	11.5	4	15.4	17	65.4	1	3.8	26	100.0
191	Brain	0	0.0	0	0.0	3	42.9	4	57.1	0	0.0	7	100.0
192	Nervous Sy.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
193	Thyroid Gland	1	3.6	15	53.6	7	25.0	5	17.9	0	0.0	28	100.0
194	Oth. Endo. Glands	0	0.0	0	0.0	2	66.7	1	33.3	0	0.0	3	100.0
195	Ill Def. Site	0	0.0	3	18.8	2	12.5	9	56.3	2	12.5	16	100.0
196	Sec. Lymph Node	0	0.0	2	0.3	51	8.3	2	0.3	563	91.1	618	100.0
197	Sec. Res. Etc.	0	0.0	0	0.0	19	39.6	5	10.4	24	50.0	48	100.0
198	Sec. Other	0	0.0	0	0.0	3	15.8	1	5.3	15	78.9	19	100.0
199	Prim. Unknown	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	1	100.0
200	Lymphosarcoma	2	1.5	0	0.0	6	4.4	129	94.2	0	0.0	137	100.0
201	Hodgkin's Disease	0	0.0	0	0.0	0	0.0	39	100.0	0	0.0	39	100.0
202	Oth. Lymphoma	0	0.0	1	1.8	1	1.8	54	96.4	0	0.0	56	100.0
203	Mult. Myeloma	0	0.0	0	0.0	0	0.0	11	100.0	0	0.0	11	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	54	100.0	0	0.0	54	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	97	100.0	0	0.0	97	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0
207	Leuk. Oth. Sp.	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	6	100.0	0	0.0	6	100.0
	All Sites	1938	24.3	3459	43.3	712	8.9	1266	15.9	609	7.6	7984	100.0

**Table: DBG - 5(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease (Excluding the Cancers Previously Treated)
1984 - 93 - Females
Dibrugarh**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	12	44.4	14	51.9	1	3.7	0	0.0	0	0.0	27	100.0
141	Tongue	41	26.8	105	68.6	6	3.9	1	0.7	0	0.0	153	100.0
142	Salivary Glands	3	50.0	3	50.0	0	0.0	0	0.0	0	0.0	6	100.0
143	Gum	13	30.2	27	62.8	2	4.7	1	2.3	0	0.0	43	100.0
144	Floor of Mouth	2	13.3	11	73.3	1	6.7	1	6.7	0	0.0	15	100.0
145	Other Mouth	64	46.7	69	50.4	2	1.5	2	1.5	0	0.0	137	100.0
146	Oropharynx	35	23.3	110	73.3	3	2.0	2	1.3	0	0.0	150	100.0
147	Nasopharynx	0	0.0	19	86.4	2	9.1	1	4.5	0	0.0	22	100.0
148	Hypopharynx	48	32.7	98	66.7	1	0.7	0	0.0	0	0.0	147	100.0
149	Pharynx Etc.	6	13.6	38	86.4	0	0.0	0	0.0	0	0.0	44	100.0
150	Oesophagus	201	40.4	147	29.6	23	4.6	125	25.2	1	0.2	497	100.0
151	Stomach	9	5.6	69	42.9	72	44.7	11	6.8	0	0.0	161	100.0
152	Small Intes.	1	33.3	2	66.7	0	0.0	0	0.0	0	0.0	3	100.0
153	Colon	5	17.9	8	28.6	14	50.0	1	3.6	0	0.0	28	100.0
154	Rectum	5	11.4	19	43.2	14	31.8	6	13.6	0	0.0	44	100.0
155	Liver	1	4.2	2	8.3	10	41.7	11	45.8	0	0.0	24	100.0
156	Gall Bladder	7	9.2	27	35.5	36	47.4	6	7.9	0	0.0	76	100.0
157	Pancreas	0	0.0	3	20.0	10	66.7	2	13.3	0	0.0	15	100.0
158	Retroperito.	0	0.0	2	14.3	9	64.3	2	14.3	1	7.1	14	100.0
159	Other Dig. Sys.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
160	Nasal Cavity	8	42.1	9	47.4	0	0.0	2	10.5	0	0.0	19	100.0
161	Larynx	11	26.2	28	66.7	3	7.1	0	0.0	0	0.0	42	100.0
162	Lung	0	0.0	1	1.6	27	44.3	33	54.1	0	0.0	61	100.0
163	Pleura	0	0.0	0	0.0	3	42.9	4	57.1	0	0.0	7	100.0
164	Thymus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	11	29.7	6	16.2	10	27.0	10	27.0	0	0.0	37	100.0
171	Conn. Tiss.	10	47.6	4	19.0	2	9.5	5	23.8	0	0.0	21	100.0
172	Skin Melanoma	5	71.4	1	14.3	0	0.0	1	14.3	0	0.0	7	100.0
173	Skin Other	38	65.5	13	22.4	2	3.4	4	6.9	1	1.7	58	100.0
174	Breast Female	48	13.3	253	69.9	56	15.5	5	1.4	0	0.0	362	100.0
179	Uterus Nos.	0	0.0	4	80.0	0	0.0	1	20.0	0	0.0	5	100.0
180	Cervix	73	11.9	469	76.5	62	10.1	9	1.5	0	0.0	613	100.0
181	Placenta	1	5.6	2	11.1	10	55.6	5	27.8	0	0.0	18	100.0
182	Body Uterus	2	11.8	13	76.5	2	11.8	0	0.0	0	0.0	17	100.0
183	Ovary	4	2.9	60	43.2	66	47.5	9	6.5	0	0.0	139	100.0
184	Vagina	12	25.5	26	55.3	4	8.5	5	10.6	0	0.0	47	100.0
188	Uri. Bladder	0	0.0	1	14.3	1	14.3	5	71.4	0	0.0	7	100.0
189	Kidney	2	12.5	3	18.8	1	6.3	10	62.5	0	0.0	16	100.0
190	Eye	1	4.0	3	12.0	5	20.0	16	64.0	0	0.0	25	100.0
191	Brain	0	0.0	0	0.0	3	42.9	4	57.1	0	0.0	7	100.0
192	Nervous Sy.	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
193	Thyroid Gland	11	34.4	8	25.0	6	18.8	7	21.9	0	0.0	32	100.0
194	Oth. Endo. Glands	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
195	Ill Def. Site	1	5.3	3	15.8	6	31.6	8	42.1	1	5.3	19	100.0
196	Sec. Lymph Node	0	0.0	0	0.0	14	10.0	1	0.7	125	89.3	140	100.0
197	Sec. Res. Etc.	0	0.0	0	0.0	7	21.9	3	9.4	22	68.8	32	100.0
198	Sec. Other	0	0.0	0	0.0	2	20.0	0	0.0	8	80.0	10	100.0
199	Prim. Unknown	0	0.0	0	0.0	2	50.0	0	0.0	2	50.0	4	100.0
200	Lymphosarcoma	0	0.0	0	0.0	0	0.0	46	100.0	0	0.0	46	100.0
201	Hodgkin's Disease	0	0.0	0	0.0	0	0.0	9	100.0	0	0.0	9	100.0
202	Oth. Lymphoma	0	0.0	0	0.0	2	10.5	17	89.5	0	0.0	19	100.0
203	Mult. Myeloma	0	0.0	0	0.0	0	0.0	4	100.0	0	0.0	4	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	21	100.0	0	0.0	21	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	44	100.0	0	0.0	44	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Oth. Sp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	4	100.0	0	0.0	4	100.0
	All Sites	692	19.8	1681	48.0	502	14.3	464	13.3	161	4.6	3500	100.0

Table: DBG - 6(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Type of Treatment at Reporting Institution (Excluding the Cancers Previously Treated) 1984 - 93 - Males

R-Therapy = Radiotherapy, C-Therapy = Chemotherapy

Dibrugarh

ICD-9	Surgery (S)		R-Therapy (R)		C-Therapy (C)		S+R		S+C		R+C		S+R+C		Others		Unknown		Total	
Site	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	16	28.6	27	48.2	0	0.0	11	19.6	0	0.0	2	3.6	0	0.0	0	0.0	0	0.0	56	100.0
141	3	0.6	519	96.5	4	0.7	4	0.7	0	0.0	8	1.5	0	0.0	0	0.0	0	0.0	538	100.0
142	4	19.0	15	71.4	0	0.0	2	9.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	21	100.0
143	10	14.3	54	77.1	0	0.0	3	4.3	2	2.9	1	1.4	0	0.0	0	0.0	0	0.0	70	100.0
144	2	6.5	28	90.3	0	0.0	0	0.0	0	0.0	1	3.2	0	0.0	0	0.0	0	0.0	31	100.0
145	27	9.8	223	81.1	2	0.7	18	6.5	2	0.7	3	1.1	0	0.0	0	0.0	0	0.0	275	100.0
146	1	0.2	643	97.0	1	0.2	10	1.5	0	0.0	7	1.1	1	0.2	0	0.0	0	0.0	663	100.0
147	1	1.0	94	94.0	3	3.0	1	1.0	0	0.0	1	1.0	0	0.0	0	0.0	0	0.0	100	100.0
148	4	0.3	1083	94.7	4	0.3	37	3.2	1	0.1	14	1.2	0	0.0	1	0.1	0	0.0	1144	100.0
149	0	0.0	190	96.9	0	0.0	2	1.0	0	0.0	4	2.0	0	0.0	0	0.0	0	0.0	196	100.0
150	9	0.8	1056	95.0	26	2.3	1	0.1	0	0.0	20	1.8	0	0.0	0	0.0	0	0.0	1112	100.0
151	178	62.2	1	0.3	58	20.3	0	0.0	43	15.0	0	0.0	0	0.0	6	2.1	0	0.0	286	100.0
152	3	75.0	0	0.0	0	0.0	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	4	100.0
153	36	76.6	0	0.0	2	4.3	0	0.0	8	17.0	0	0.0	0	0.0	1	2.1	0	0.0	47	100.0
154	52	72.2	6	8.3	5	6.9	3	4.2	6	8.3	0	0.0	0	0.0	0	0.0	0	0.0	72	100.0
155	3	9.1	0	0.0	30	90.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	33	100.0
156	11	52.4	0	0.0	5	23.8	1	4.8	4	19.0	0	0.0	0	0.0	0	0.0	0	0.0	21	100.0
157	16	69.6	0	0.0	2	8.7	0	0.0	5	21.7	0	0.0	0	0.0	0	0.0	0	0.0	23	100.0
158	2	28.6	0	0.0	3	42.9	0	0.0	1	14.3	0	0.0	1	14.3	0	0.0	0	0.0	7	100.0
159	2	100.0	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	100.0
160	0	0.0	39	95.1	0	0.0	1	2.4	0	0.0	0	0.0	1	2.4	0	0.0	0	0.0	41	100.0
161	4	1.4	247	86.1	1	0.3	31	10.8	0	0.0	4	1.4	0	0.0	0	0.0	0	0.0	287	100.0
162	2	0.8	71	29.1	145	59.4	0	0.0	1	0.4	24	9.8	0	0.0	1	0.4	0	0.0	244	100.0
163	0	0.0	2	20.0	8	80.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10	100.0
164	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
165	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
170	30	55.6	21	38.9	1	1.9	1	1.9	0	0.0	1	1.9	0	0.0	0	0.0	0	0.0	54	100.0
171	15	30.0	24	48.0	4	8.0	3	6.0	2	4.0	1	2.0	0	0.0	1	2.0	0	0.0	50	100.0
172	10	43.5	2	8.7	3	13.0	2	8.7	5	21.7	0	0.0	1	4.3	0	0.0	0	0.0	23	100.0
173	40	51.9	20	26.0	4	5.2	8	10.4	3	3.9	2	2.6	0	0.0	0	0.0	0	0.0	77	100.0
175	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	100.0
185	11	84.6	1	7.7	1	7.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	13	100.0
186	9	20.5	6	13.6	2	4.5	19	43.2	5	11.4	2	4.5	1	2.3	0	0.0	0	0.0	44	100.0
187	49	51.6	15	15.8	0	0.0	28	29.5	1	1.1	0	0.0	2	2.1	0	0.0	0	0.0	95	100.0
188	22	48.9	10	22.2	2	4.4	9	20.0	2	4.4	0	0.0	0	0.0	0	0.0	0	0.0	45	100.0
189	5	35.7	3	21.4	2	14.3	3	21.4	0	0.0	1	7.1	0	0.0	0	0.0	0	0.0	14	100.0
190	5	23.8	10	47.6	0	0.0	6	28.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	21	100.0
191	0	0.0	4	80.0	0	0.0	1	20.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	100.0
192	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
193	4	17.4	12	52.2	1	4.3	6	26.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	23	100.0
194	0	0.0	1	50.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
195	4	26.7	5	33.3	4	26.7	1	6.7	1	6.7	0	0.0	0	0.0	0	0.0	0	0.0	15	100.0
196	1	0.2	462	90.8	27	5.3	9	1.8	1	0.2	8	1.6	1	0.2	0	0.0	0	0.0	509	100.0
197	1	3.8	0	0.0	25	96.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	26	100.0
198	1	8.3	5	41.7	6	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	12	100.0
199	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
200	5	4.3	33	28.4	65	56.0	4	3.4	6	5.2	2	1.7	0	0.0	1	0.9	0	0.0	116	100.0
201	0	0.0	9	26.5	22	64.7	0	0.0	1	2.9	2	5.9	0	0.0	0	0.0	0	0.0	34	100.0
202	2	4.3	8	17.0	30	63.8	0	0.0	3	6.4	4	8.5	0	0.0	0	0.0	0	0.0	47	100.0
203	0	0.0	2	25.0	6	75.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	8	100.0
204	0	0.0	4	9.1	35	79.5	0	0.0	0	0.0	5	11.4	0	0.0	0	0.0	0	0.0	44	100.0
205	0	0.0	6	8.1	63	85.1	0	0.0	0	0.0	5	6.8	0	0.0	0	0.0	0	0.0	74	100.0
206	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
207	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	1	100.0
208	0	0.0	1	20.0	4	80.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	100.0
All	600	9.0	4965	74.7	610	9.2	226	3.4	104	1.6	122	1.8	9	0.1	11	0.2	0	0.0	6647	100.0

Table: DBG - 6(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Type of Treatment at Reporting Institution (Excluding the Cancers Previously Treated) 1984 - 93 - Females

R-Therapy = Radiotherapy, C-Therapy = Chemotherapy

Dibrugarh

ICD-9 Site	Surgery (S)		R-Therapy (R)		C-Therapy (C)		S+R		S+C		R+C		S+R+C		Others		Unknown		Total	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	2	9.5	18	85.7	0	0.0	1	4.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	21	100.0
141	1	0.8	126	96.9	1	0.8	1	0.8	0	0.0	1	0.8	0	0.0	0	0.0	0	0.0	130	100.0
142	0	0.0	3	60.0	0	0.0	1	20.0	1	20.0	0	0.0	0	0.0	0	0.0	0	0.0	5	100.0
143	2	5.7	30	85.7	0	0.0	2	5.7	0	0.0	1	2.9	0	0.0	0	0.0	0	0.0	35	100.0
144	1	8.3	10	83.3	0	0.0	0	0.0	0	0.0	0	0.0	1	8.3	0	0.0	0	0.0	12	100.0
145	8	6.8	105	89.0	0	0.0	1	0.8	2	1.7	0	0.0	1	0.8	1	0.8	0	0.0	118	100.0
146	0	0.0	132	99.2	0	0.0	0	0.0	0	0.0	1	0.8	0	0.0	0	0.0	0	0.0	133	100.0
147	0	0.0	21	95.5	1	4.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	22	100.0
148	0	0.0	126	96.2	0	0.0	4	3.1	0	0.0	1	0.8	0	0.0	0	0.0	0	0.0	131	100.0
149	0	0.0	38	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	38	100.0
150	0	0.0	379	94.5	10	2.5	0	0.0	0	0.0	12	3.0	0	0.0	0	0.0	0	0.0	401	100.0
151	83	64.8	2	1.6	25	19.5	0	0.0	16	12.5	1	0.8	0	0.0	1	0.8	0	0.0	128	100.0
152	2	66.7	0	0.0	0	0.0	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	3	100.0
153	19	82.6	0	0.0	2	8.7	0	0.0	2	8.7	0	0.0	0	0.0	0	0.0	0	0.0	23	100.0
154	17	63.0	4	14.8	2	7.4	3	11.1	1	3.7	0	0.0	0	0.0	0	0.0	0	0.0	27	100.0
155	1	9.1	0	0.0	9	81.8	0	0.0	1	9.1	0	0.0	0	0.0	0	0.0	0	0.0	11	100.0
156	37	63.8	1	1.7	7	12.1	0	0.0	13	22.4	0	0.0	0	0.0	0	0.0	0	0.0	58	100.0
157	10	83.3	0	0.0	2	16.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	12	100.0
158	6	50.0	1	8.3	2	16.7	0	0.0	2	16.7	1	8.3	0	0.0	0	0.0	0	0.0	12	100.0
159	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
160	1	6.3	10	62.5	0	0.0	3	18.8	1	6.3	0	0.0	1	6.3	0	0.0	0	0.0	16	100.0
161	1	2.9	32	91.4	0	0.0	1	2.9	1	2.9	0	0.0	0	0.0	0	0.0	0	0.0	35	100.0
162	0	0.0	6	14.0	30	69.8	0	0.0	0	0.0	6	14.0	0	0.0	1	2.3	0	0.0	43	100.0
163	0	0.0	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	100.0
164	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
165	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	8	32.0	13	52.0	3	12.0	0	0.0	0	0.0	0	0.0	1	4.0	0	0.0	0	0.0	25	100.0
171	9	45.0	5	25.0	1	5.0	4	20.0	0	0.0	1	5.0	0	0.0	0	0.0	0	0.0	20	100.0
172	3	75.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	100.0
173	23	51.1	17	37.8	1	2.2	4	8.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	45	100.0
174	136	41.0	48	14.5	10	3.0	122	36.7	8	2.4	4	1.2	3	0.9	1	0.3	0	0.0	332	100.0
179	2	66.7	0	0.0	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	100.0
180	52	9.5	444	81.2	3	0.5	33	6.0	2	0.4	11	2.0	1	0.2	1	0.2	0	0.0	547	100.0
181	0	0.0	1	5.9	15	88.2	1	5.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	17	100.0
182	3	20.0	5	33.3	1	6.7	4	26.7	2	13.3	0	0.0	0	0.0	0	0.0	0	0.0	15	100.0
183	29	23.0	8	6.3	14	11.1	14	11.1	58	46.0	1	0.8	2	1.6	0	0.0	0	0.0	126	100.0
184	10	24.4	21	51.2	1	2.4	4	9.8	1	2.4	2	4.9	2	4.9	0	0.0	0	0.0	41	100.0
188	1	14.3	3	42.9	0	0.0	3	42.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	100.0
189	6	40.0	4	26.7	1	6.7	3	20.0	0	0.0	1	6.7	0	0.0	0	0.0	0	0.0	15	100.0
190	3	15.8	4	21.1	1	5.3	10	52.6	0	0.0	1	5.3	0	0.0	0	0.0	0	0.0	19	100.0
191	0	0.0	5	71.4	0	0.0	1	14.3	0	0.0	1	14.3	0	0.0	0	0.0	0	0.0	7	100.0
192	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
193	5	25.0	12	60.0	0	0.0	3	15.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	20	100.0
194	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
195	3	20.0	3	20.0	7	46.7	1	6.7	1	6.7	0	0.0	0	0.0	0	0.0	0	0.0	15	100.0
196	0	0.0	94	87.0	12	11.1	2	1.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	108	100.0
197	1	6.3	1	6.3	12	75.0	0	0.0	2	12.5	0	0.0	0	0.0	0	0.0	0	0.0	16	100.0
198	1	10.0	5	50.0	2	20.0	1	10.0	1	10.0	0	0.0	0	0.0	0	0.0	0	0.0	10	100.0
199	1	25.0	2	50.0	0	0.0	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	4	100.0
200	4	10.5	8	21.1	20	52.6	0	0.0	1	2.6	4	10.5	1	2.6	0	0.0	0	0.0	38	100.0
201	0	0.0	2	25.0	4	50.0	1	12.5	0	0.0	1	12.5	0	0.0	0	0.0	0	0.0	8	100.0
202	2	12.5	3	18.8	11	68.8	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	16	100.0
203	0	0.0	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	100.0
204	0	0.0	0	0.0	15	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	15	100.0
205	0	0.0	3	9.4	28	87.5	0	0.0	0	0.0	1	3.1	0	0.0	0	0.0	0	0.0	32	100.0
206	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	0	0.0	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	100.0
All	493	16.8	1757	59.9	266	9.1	229	7.8	119	4.1	52	1.8	13	0.4	5	0.2	0	0.0	2934	100.0

Table: DBG - 7(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Any Specific Treatment at Reporting Institution (Excluding the Cancers Previously Treated) 1984 - 93 - Males

S = Surgery, R = Radiotherapy, C = Chemotherapy, H =Hormonotherapy

Dibrugarh

ICD-9	Site	Any S		Any R		Any C		Any H		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	27	39.1	40	58.0	2	2.9	0	0.0	0	0.0	0	0.0	69	100.0
141	Tongue	7	1.3	531	96.5	12	2.2	0	0.0	0	0.0	0	0.0	550	100.0
142	Salivary Glands	6	26.1	17	73.9	0	0.0	0	0.0	0	0.0	0	0.0	23	100.0
143	Gum	15	19.7	58	76.3	3	3.9	0	0.0	0	0.0	0	0.0	76	100.0
144	Floor of Mouth	2	6.3	29	90.6	1	3.1	0	0.0	0	0.0	0	0.0	32	100.0
145	Other Mouth	47	15.8	244	81.9	7	2.3	0	0.0	0	0.0	0	0.0	298	100.0
146	Oropharynx	12	1.8	661	96.9	9	1.3	0	0.0	0	0.0	0	0.0	682	100.0
147	Nasopharynx	2	2.0	96	94.1	4	3.9	0	0.0	0	0.0	0	0.0	102	100.0
148	Hypopharynx	43	3.6	1135	94.7	19	1.6	1	0.1	0	0.0	0	0.0	1198	100.0
149	Pharynx Etc.	2	1.0	196	97.0	4	2.0	0	0.0	0	0.0	0	0.0	202	100.0
150	Oesophagus	10	0.9	1077	95.1	46	4.1	0	0.0	0	0.0	0	0.0	1133	100.0
151	Stomach	222	66.1	2	0.6	106	31.5	6	1.8	0	0.0	0	0.0	336	100.0
152	Small Intes.	4	80.0	0	0.0	1	20.0	0	0.0	0	0.0	0	0.0	5	100.0
153	Colon	44	78.6	0	0.0	11	19.6	1	1.8	0	0.0	0	0.0	56	100.0
154	Rectum	61	75.3	9	11.1	11	13.6	0	0.0	0	0.0	0	0.0	81	100.0
155	Liver	3	9.1	0	0.0	30	90.9	0	0.0	0	0.0	0	0.0	33	100.0
156	Gall Bladder	16	61.5	1	3.8	9	34.6	0	0.0	0	0.0	0	0.0	26	100.0
157	Pancreas	21	75.0	0	0.0	7	25.0	0	0.0	0	0.0	0	0.0	28	100.0
158	Retroperito.	4	40.0	1	10.0	5	50.0	0	0.0	0	0.0	0	0.0	10	100.0
159	Other Dig. Sys.	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
160	Nasal Cavity	2	4.5	41	93.2	1	2.3	0	0.0	0	0.0	0	0.0	44	100.0
161	Larynx	35	10.9	282	87.6	5	1.6	0	0.0	0	0.0	0	0.0	322	100.0
162	Lung	3	1.1	95	35.3	170	63.2	0	0.0	1	0.4	0	0.0	269	100.0
163	Pleura	0	0.0	2	20.0	8	80.0	0	0.0	0	0.0	0	0.0	10	100.0
164	Thymus	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0
165	Other Resp.	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
170	Bone	31	55.4	23	41.1	2	3.6	0	0.0	0	0.0	0	0.0	56	100.0
171	Conn. Tiss.	21	36.2	29	50.0	7	12.1	1	1.7	0	0.0	0	0.0	58	100.0
172	Skin Melanoma	18	56.3	5	15.6	9	28.1	0	0.0	0	0.0	0	0.0	32	100.0
173	Skin Other	51	56.7	30	33.3	9	10.0	0	0.0	0	0.0	0	0.0	90	100.0
175	Breast Male	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0	0	0.0	3	100.0
185	Prostate	11	84.6	1	7.7	1	7.7	0	0.0	0	0.0	0	0.0	13	100.0
186	Testis	34	47.2	28	38.9	10	13.9	0	0.0	0	0.0	0	0.0	72	100.0
187	Penis Etc.	80	62.5	45	35.2	3	2.3	0	0.0	0	0.0	0	0.0	128	100.0
188	Uri. Bladder	33	58.9	19	33.9	4	7.1	0	0.0	0	0.0	0	0.0	56	100.0
189	Kidney	8	44.4	7	38.9	3	16.7	0	0.0	0	0.0	0	0.0	18	100.0
190	Eye	11	40.7	16	59.3	0	0.0	0	0.0	0	0.0	0	0.0	27	100.0
191	Brain	1	16.7	5	83.3	0	0.0	0	0.0	0	0.0	0	0.0	6	100.0
192	Nervous Sy.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
193	Thyroid Gland	10	34.5	18	62.1	1	3.4	0	0.0	0	0.0	0	0.0	29	100.0
194	Oth. Endo. Glands	1	33.3	2	66.7	0	0.0	0	0.0	0	0.0	0	0.0	3	100.0
195	Ill Def. Site	6	35.3	6	35.3	5	29.4	0	0.0	0	0.0	0	0.0	17	100.0
196	Sec. Lymph Node	12	2.3	480	90.7	37	7.0	0	0.0	0	0.0	0	0.0	529	100.0
197	Sec. Res. Etc.	1	3.8	0	0.0	25	96.2	0	0.0	0	0.0	0	0.0	26	100.0
198	Sec. Other	1	8.3	5	41.7	6	50.0	0	0.0	0	0.0	0	0.0	12	100.0
199	Prim. Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
200	Lymphosarcoma	16	12.3	40	30.8	73	56.2	1	0.8	0	0.0	0	0.0	130	100.0
201	Hodgkin's Disease	1	2.7	11	29.7	25	67.6	0	0.0	0	0.0	0	0.0	37	100.0
202	Oth. Lymphoma	5	9.3	12	22.2	37	68.5	0	0.0	0	0.0	0	0.0	54	100.0
203	Mult. Myeloma	0	0.0	2	25.0	6	75.0	0	0.0	0	0.0	0	0.0	8	100.0
204	Leuk. Lymphatic	0	0.0	9	18.4	40	81.6	0	0.0	0	0.0	0	0.0	49	100.0
205	Leuk. Myelocytic	0	0.0	11	13.9	68	86.1	0	0.0	0	0.0	0	0.0	79	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
207	Leuk. Oth. Sp.	1	33.3	1	33.3	1	33.3	0	0.0	0	0.0	0	0.0	3	100.0
208	Leuk. Unspecified	0	0.0	1	20.0	4	80.0	0	0.0	0	0.0	0	0.0	5	100.0
	All Sites	943	13.2	5326	74.7	851	11.9	10	0.1	1	0.0	0	0.0	7131	100.0

Table: DBG - 7(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Any Specific Treatment at Reporting Institution (Excluding the Cancers Previously Treated) 1984 - 93 - Females

S = Surgery, R = Radiotherapy, C = Chemotherapy, H =Hormonotherapy

Dibrugarh

ICD-9	Site	Any S		Any R		Any C		Any H		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	3	13.6	19	86.4	0	0.0	0	0.0	0	0.0	0	0.0	22	100.0
141	Tongue	2	1.5	128	97.0	2	1.5	0	0.0	0	0.0	0	0.0	132	100.0
142	Salivary Glands	2	28.6	4	57.1	1	14.3	0	0.0	0	0.0	0	0.0	7	100.0
143	Gum	4	10.5	33	86.8	1	2.6	0	0.0	0	0.0	0	0.0	38	100.0
144	Floor of Mouth	2	14.3	11	78.6	1	7.1	0	0.0	0	0.0	0	0.0	14	100.0
145	Other Mouth	13	10.4	108	86.4	3	2.4	1	0.8	0	0.0	0	0.0	125	100.0
146	Oropharynx	0	0.0	133	99.3	1	0.7	0	0.0	0	0.0	0	0.0	134	100.0
147	Nasopharynx	0	0.0	21	95.5	1	4.5	0	0.0	0	0.0	0	0.0	22	100.0
148	Hypopharynx	4	2.9	131	96.3	1	0.7	0	0.0	0	0.0	0	0.0	136	100.0
149	Pharynx Etc.	0	0.0	38	100.0	0	0.0	0	0.0	0	0.0	0	0.0	38	100.0
150	Oesophagus	0	0.0	391	94.7	22	5.3	0	0.0	0	0.0	0	0.0	413	100.0
151	Stomach	100	68.0	4	2.7	42	28.6	1	0.7	0	0.0	0	0.0	147	100.0
152	Small Intes.	3	75.0	0	0.0	1	25.0	0	0.0	0	0.0	0	0.0	4	100.0
153	Colon	21	84.0	0	0.0	4	16.0	0	0.0	0	0.0	0	0.0	25	100.0
154	Rectum	21	67.7	7	22.6	3	9.7	0	0.0	0	0.0	0	0.0	31	100.0
155	Liver	2	16.7	0	0.0	10	83.3	0	0.0	0	0.0	0	0.0	12	100.0
156	Gall Bladder	50	70.4	1	1.4	20	28.2	0	0.0	0	0.0	0	0.0	71	100.0
157	Pancreas	10	83.3	0	0.0	2	16.7	0	0.0	0	0.0	0	0.0	12	100.0
158	Retroperito.	8	53.3	2	13.3	5	33.3	0	0.0	0	0.0	0	0.0	15	100.0
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
160	Nasal Cavity	6	27.3	14	63.6	2	9.1	0	0.0	0	0.0	0	0.0	22	100.0
161	Larynx	3	8.1	33	89.2	1	2.7	0	0.0	0	0.0	0	0.0	37	100.0
162	Lung	0	0.0	12	24.5	36	73.5	0	0.0	1	2.0	0	0.0	49	100.0
163	Pleura	0	0.0	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0	7	100.0
164	Thymus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	9	33.3	14	51.9	4	14.8	0	0.0	0	0.0	0	0.0	27	100.0
171	Conn. Tiss.	13	52.0	10	40.0	2	8.0	0	0.0	0	0.0	0	0.0	25	100.0
172	Skin Melanoma	3	75.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	4	100.0
173	Skin Other	27	55.1	21	42.9	1	2.0	0	0.0	0	0.0	0	0.0	49	100.0
174	Breast Female	270	57.0	178	37.6	25	5.3	1	0.2	0	0.0	0	0.0	474	100.0
179	Uterus Nos.	3	75.0	1	25.0	0	0.0	0	0.0	0	0.0	0	0.0	4	100.0
180	Cervix	89	14.9	490	82.1	17	2.8	1	0.2	0	0.0	0	0.0	597	100.0
181	Placenta	1	5.6	2	11.1	15	83.3	0	0.0	0	0.0	0	0.0	18	100.0
182	Body Uterus	9	42.9	9	42.9	3	14.3	0	0.0	0	0.0	0	0.0	21	100.0
183	Ovary	103	50.7	25	12.3	75	36.9	0	0.0	0	0.0	0	0.0	203	100.0
184	Vagina	17	32.7	29	55.8	6	11.5	0	0.0	0	0.0	0	0.0	52	100.0
188	Uri. Bladder	4	40.0	6	60.0	0	0.0	0	0.0	0	0.0	0	0.0	10	100.0
189	Kidney	9	47.4	8	42.1	2	10.5	0	0.0	0	0.0	0	0.0	19	100.0
190	Eye	13	43.3	15	50.0	2	6.7	0	0.0	0	0.0	0	0.0	30	100.0
191	Brain	1	11.1	7	77.8	1	11.1	0	0.0	0	0.0	0	0.0	9	100.0
192	Nervous Sy.	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
193	Thyroid Gland	8	34.8	15	65.2	0	0.0	0	0.0	0	0.0	0	0.0	23	100.0
194	Oth. Endo. Glands	1	50.0	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0
195	Ill Def. Site	5	29.4	4	23.5	8	47.1	0	0.0	0	0.0	0	0.0	17	100.0
196	Sec. Lymph Node	2	1.8	96	87.3	12	10.9	0	0.0	0	0.0	0	0.0	110	100.0
197	Sec. Res. Etc.	3	16.7	1	5.6	14	77.8	0	0.0	0	0.0	0	0.0	18	100.0
198	Sec. Other	3	25.0	6	50.0	3	25.0	0	0.0	0	0.0	0	0.0	12	100.0
199	Prim. Unknown	2	40.0	2	40.0	1	20.0	0	0.0	0	0.0	0	0.0	5	100.0
200	Lymphosarcoma	6	13.3	13	28.9	26	57.8	0	0.0	0	0.0	0	0.0	45	100.0
201	Hodgkin's Disease	1	10.0	4	40.0	5	50.0	0	0.0	0	0.0	0	0.0	10	100.0
202	Oth. Lymphoma	2	12.5	3	18.8	11	68.8	0	0.0	0	0.0	0	0.0	16	100.0
203	Mult. Myeloma	0	0.0	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	3	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	15	100.0	0	0.0	0	0.0	0	0.0	15	100.0
205	Leuk. Myelocytic	0	0.0	4	12.1	29	87.9	0	0.0	0	0.0	0	0.0	33	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Oth. Sp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	3	100.0
	All Sites	858	25.5	2055	61.0	450	13.4	4	0.1	1	0.0	0	0.0	3368	100.0

**Table: DBG - 8(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Treatment Status at Reporting Institution (Excluding the Cancers Previously Treated)
1984 - 93 - Males
Dibrugarh**

ICD-9	Site	Received		Not Received		Not Accepted		Incomplete		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	56	90.3	3	4.8	0	0.0	3	4.8	0	0.0	62	100.0
141	Tongue	538	88.2	47	7.7	16	2.6	9	1.5	0	0.0	610	100.0
142	Salivary Glands	21	80.8	4	15.4	1	3.8	0	0.0	0	0.0	26	100.0
143	Gum	70	84.3	10	12.0	2	2.4	1	1.2	0	0.0	83	100.0
144	Floor of Mouth	31	91.2	0	0.0	2	5.9	1	2.9	0	0.0	34	100.0
145	Other Mouth	275	86.5	31	9.7	8	2.5	4	1.3	0	0.0	318	100.0
146	Oropharynx	663	87.2	63	8.3	26	3.4	8	1.1	0	0.0	760	100.0
147	Nasopharynx	100	88.5	9	8.0	2	1.8	2	1.8	0	0.0	113	100.0
148	Hypopharynx	1144	88.6	95	7.4	34	2.6	18	1.4	0	0.0	1291	100.0
149	Pharynx Etc.	196	84.8	24	10.4	7	3.0	4	1.7	0	0.0	231	100.0
150	Oesophagus	1112	78.8	219	15.5	57	4.0	24	1.7	0	0.0	1412	100.0
151	Stomach	286	78.4	67	18.4	11	3.0	1	0.3	0	0.0	365	100.0
152	Small Intes.	4	80.0	0	0.0	1	20.0	0	0.0	0	0.0	5	100.0
153	Colon	47	82.5	10	17.5	0	0.0	0	0.0	0	0.0	57	100.0
154	Rectum	72	72.0	24	24.0	4	4.0	0	0.0	0	0.0	100	100.0
155	Liver	33	61.1	18	33.3	3	5.6	0	0.0	0	0.0	54	100.0
156	Gall Bladder	21	70.0	8	26.7	0	0.0	1	3.3	0	0.0	30	100.0
157	Pancreas	23	88.5	3	11.5	0	0.0	0	0.0	0	0.0	26	100.0
158	Retroperito.	7	63.6	3	27.3	1	9.1	0	0.0	0	0.0	11	100.0
159	Other Dig. Sys.	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
160	Nasal Cavity	41	83.7	6	12.2	2	4.1	0	0.0	0	0.0	49	100.0
161	Larynx	287	87.2	27	8.2	11	3.3	4	1.2	0	0.0	329	100.0
162	Lung	244	75.8	57	17.7	14	4.3	7	2.2	0	0.0	322	100.0
163	Pleura	10	83.3	2	16.7	0	0.0	0	0.0	0	0.0	12	100.0
164	Thymus	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
165	Other Resp.	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
170	Bone	54	69.2	21	26.9	3	3.8	0	0.0	0	0.0	78	100.0
171	Conn. Tiss.	50	82.0	10	16.4	1	1.6	0	0.0	0	0.0	61	100.0
172	Skin Melanoma	23	76.7	6	20.0	0	0.0	1	3.3	0	0.0	30	100.0
173	Skin Other	77	81.1	14	14.7	1	1.1	3	3.2	0	0.0	95	100.0
175	Breast Male	3	100.0	0	0.0	0	0.0	0	0.0	0	0.0	3	100.0
185	Prostate	13	92.9	1	7.1	0	0.0	0	0.0	0	0.0	14	100.0
186	Testis	44	91.7	3	6.3	0	0.0	1	2.1	0	0.0	48	100.0
187	Penis Etc.	95	79.8	17	14.3	2	1.7	5	4.2	0	0.0	119	100.0
188	Uri. Bladder	45	97.8	1	2.2	0	0.0	0	0.0	0	0.0	46	100.0
189	Kidney	14	87.5	2	12.5	0	0.0	0	0.0	0	0.0	16	100.0
190	Eye	21	80.8	3	11.5	1	3.8	1	3.8	0	0.0	26	100.0
191	Brain	5	71.4	0	0.0	1	14.3	1	14.3	0	0.0	7	100.0
192	Nervous Sy.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
193	Thyroid Gland	23	82.1	4	14.3	1	3.6	0	0.0	0	0.0	28	100.0
194	Oth. Endo. Glands	2	66.7	1	33.3	0	0.0	0	0.0	0	0.0	3	100.0
195	Ill Def. Site	15	93.8	1	6.3	0	0.0	0	0.0	0	0.0	16	100.0
196	Sec. Lymph Node	509	82.4	81	13.1	20	3.2	8	1.3	0	0.0	618	100.0
197	Sec. Res. Etc.	26	54.2	20	41.7	1	2.1	1	2.1	0	0.0	48	100.0
198	Sec. Other	12	63.2	7	36.8	0	0.0	0	0.0	0	0.0	19	100.0
199	Prim. Unknown	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
200	Lymphosarcoma	116	84.7	18	13.1	2	1.5	1	0.7	0	0.0	137	100.0
201	Hodgkin's Disease	34	87.2	3	7.7	1	2.6	1	2.6	0	0.0	39	100.0
202	Oth. Lymphoma	47	83.9	7	12.5	0	0.0	2	3.6	0	0.0	56	100.0
203	Mult. Myeloma	8	72.7	3	27.3	0	0.0	0	0.0	0	0.0	11	100.0
204	Leuk. Lymphatic	44	81.5	8	14.8	2	3.7	0	0.0	0	0.0	54	100.0
205	Leuk. Myelocytic	74	76.3	20	20.6	0	0.0	2	2.1	1	1.0	97	100.0
206	Leuk. Monocytic	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0
207	Leuk. Oth. Sp.	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
208	Leuk. Unspecified	5	83.3	1	16.7	0	0.0	0	0.0	0	0.0	6	100.0
	All Sites	6647	83.3	984	12.3	238	3.0	114	1.4	1	0.0	7984	100.0

**Table: DBG - 8(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Treatment Status at Reporting Institution (Excluding the Cancers Previously Treated)
1984 - 93 - Females
Dibrugarh**

ICD-9	Site	Received		Not Received		Not Accepted		Incomplete		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	21	77.8	1	3.7	3	11.1	2	7.4	0	0.0	27	100.0
141	Tongue	130	85.0	11	7.2	8	5.2	4	2.6	0	0.0	153	100.0
142	Salivary Glands	5	83.3	1	16.7	0	0.0	0	0.0	0	0.0	6	100.0
143	Gum	35	81.4	7	16.3	1	2.3	0	0.0	0	0.0	43	100.0
144	Floor of Mouth	12	80.0	1	6.7	2	13.3	0	0.0	0	0.0	15	100.0
145	Other Mouth	118	86.1	14	10.2	3	2.2	2	1.5	0	0.0	137	100.0
146	Oropharynx	133	88.7	11	7.3	4	2.7	2	1.3	0	0.0	150	100.0
147	Nasopharynx	22	100.0	0	0.0	0	0.0	0	0.0	0	0.0	22	100.0
148	Hypopharynx	131	89.1	12	8.2	3	2.0	1	0.7	0	0.0	147	100.0
149	Pharynx Etc.	38	86.4	3	6.8	1	2.3	2	4.5	0	0.0	44	100.0
150	Oesophagus	401	80.7	67	13.5	23	4.6	6	1.2	0	0.0	497	100.0
151	Stomach	128	79.5	31	19.3	2	1.2	0	0.0	0	0.0	161	100.0
152	Small Intes.	3	100.0	0	0.0	0	0.0	0	0.0	0	0.0	3	100.0
153	Colon	23	82.1	5	17.9	0	0.0	0	0.0	0	0.0	28	100.0
154	Rectum	27	61.4	16	36.4	1	2.3	0	0.0	0	0.0	44	100.0
155	Liver	11	45.8	13	54.2	0	0.0	0	0.0	0	0.0	24	100.0
156	Gall Bladder	58	76.3	15	19.7	1	1.3	2	2.6	0	0.0	76	100.0
157	Pancreas	12	80.0	3	20.0	0	0.0	0	0.0	0	0.0	15	100.0
158	Retroperito.	12	85.7	2	14.3	0	0.0	0	0.0	0	0.0	14	100.0
159	Other Dig. Sys.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
160	Nasal Cavity	16	84.2	2	10.5	0	0.0	0	0.0	1	5.3	19	100.0
161	Larynx	35	83.3	7	16.7	0	0.0	0	0.0	0	0.0	42	100.0
162	Lung	43	70.5	15	24.6	2	3.3	1	1.6	0	0.0	61	100.0
163	Pleura	7	100.0	0	0.0	0	0.0	0	0.0	0	0.0	7	100.0
164	Thymus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	25	67.6	10	27.0	1	2.7	1	2.7	0	0.0	37	100.0
171	Conn. Tiss.	20	95.2	1	4.8	0	0.0	0	0.0	0	0.0	21	100.0
172	Skin Melanoma	4	57.1	3	42.9	0	0.0	0	0.0	0	0.0	7	100.0
173	Skin Other	45	77.6	11	19.0	0	0.0	2	3.4	0	0.0	58	100.0
174	Breast Female	332	91.7	16	4.4	4	1.1	10	2.8	0	0.0	362	100.0
179	Uterus Nos.	3	60.0	1	20.0	1	20.0	0	0.0	0	0.0	5	100.0
180	Cervix	547	89.2	48	7.8	10	1.6	8	1.3	0	0.0	613	100.0
181	Placenta	17	94.4	1	5.6	0	0.0	0	0.0	0	0.0	18	100.0
182	Body Uterus	15	88.2	1	5.9	0	0.0	1	5.9	0	0.0	17	100.0
183	Ovary	126	90.6	13	9.4	0	0.0	0	0.0	0	0.0	139	100.0
184	Vagina	41	87.2	5	10.6	1	2.1	0	0.0	0	0.0	47	100.0
188	Uri. Bladder	7	100.0	0	0.0	0	0.0	0	0.0	0	0.0	7	100.0
189	Kidney	15	93.8	1	6.3	0	0.0	0	0.0	0	0.0	16	100.0
190	Eye	19	76.0	5	20.0	0	0.0	1	4.0	0	0.0	25	100.0
191	Brain	7	100.0	0	0.0	0	0.0	0	0.0	0	0.0	7	100.0
192	Nervous Sy.	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
193	Thyroid Gland	20	62.5	12	37.5	0	0.0	0	0.0	0	0.0	32	100.0
194	Oth. Endo. Glands	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
195	Ill Def. Site	15	78.9	3	15.8	1	5.3	0	0.0	0	0.0	19	100.0
196	Sec. Lymph Node	108	77.1	22	15.7	9	6.4	1	0.7	0	0.0	140	100.0
197	Sec. Res. Etc.	16	50.0	11	34.4	5	15.6	0	0.0	0	0.0	32	100.0
198	Sec. Other	10	100.0	0	0.0	0	0.0	0	0.0	0	0.0	10	100.0
199	Prim. Unknown	4	100.0	0	0.0	0	0.0	0	0.0	0	0.0	4	100.0
200	Lymphosarcoma	38	82.6	7	15.2	1	2.2	0	0.0	0	0.0	46	100.0
201	Hodgkin's Disease	8	88.9	1	11.1	0	0.0	0	0.0	0	0.0	9	100.0
202	Oth. Lymphoma	16	84.2	2	10.5	1	5.3	0	0.0	0	0.0	19	100.0
203	Mult. Myeloma	3	75.0	1	25.0	0	0.0	0	0.0	0	0.0	4	100.0
204	Leuk. Lymphatic	15	71.4	3	14.3	2	9.5	1	4.8	0	0.0	21	100.0
205	Leuk. Myelocytic	32	72.7	9	20.5	3	6.8	0	0.0	0	0.0	44	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Oth. Sp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	3	75.0	1	25.0	0	0.0	0	0.0	0	0.0	4	100.0
	All Sites	2934	83.8	425	12.1	93	2.7	47	1.3	1	0.0	3500	100.0

**Table: DBG - 9(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease in the No Cancer Directed Treatment Group
1984 - 93 - Males
Dibrugarh**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0	6	100.0
141	Tongue	16	22.2	53	73.6	1	1.4	2	2.8	0	0.0	72	100.0
142	Salivary Glands	1	20.0	3	60.0	0	0.0	1	20.0	0	0.0	5	100.0
143	Gum	0	0.0	11	84.6	1	7.7	1	7.7	0	0.0	13	100.0
144	Floor of Mouth	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	3	100.0
145	Other Mouth	16	37.2	23	53.5	2	4.7	2	4.7	0	0.0	43	100.0
146	Oropharynx	14	14.4	79	81.4	2	2.1	2	2.1	0	0.0	97	100.0
147	Nasopharynx	0	0.0	11	84.6	1	7.7	1	7.7	0	0.0	13	100.0
148	Hypopharynx	37	25.2	100	68.0	5	3.4	5	3.4	0	0.0	147	100.0
149	Pharynx Etc.	3	8.6	29	82.9	2	5.7	1	2.9	0	0.0	35	100.0
150	Oesophagus	71	23.7	65	21.7	37	12.3	127	42.3	0	0.0	300	100.0
151	Stomach	2	2.5	4	5.1	49	62.0	24	30.4	0	0.0	79	100.0
152	Small Intes.	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0
153	Colon	0	0.0	0	0.0	7	70.0	3	30.0	0	0.0	10	100.0
154	Rectum	0	0.0	10	35.7	10	35.7	8	28.6	0	0.0	28	100.0
155	Liver	0	0.0	0	0.0	7	33.3	14	66.7	0	0.0	21	100.0
156	Gall Bladder	0	0.0	3	33.3	5	55.6	1	11.1	0	0.0	9	100.0
157	Pancreas	0	0.0	0	0.0	2	66.7	1	33.3	0	0.0	3	100.0
158	Retroperito.	0	0.0	0	0.0	2	50.0	2	50.0	0	0.0	4	100.0
159	Other Dig. Sys.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
160	Nasal Cavity	2	25.0	3	37.5	1	12.5	2	25.0	0	0.0	8	100.0
161	Larynx	6	14.3	31	73.8	3	7.1	2	4.8	0	0.0	42	100.0
162	Lung	0	0.0	1	1.3	34	43.6	43	55.1	0	0.0	78	100.0
163	Pleura	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0
164	Thymus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	2	8.3	2	8.3	8	33.3	12	50.0	0	0.0	24	100.0
171	Conn. Tiss.	6	54.5	1	9.1	1	9.1	3	27.3	0	0.0	11	100.0
172	Skin Melanoma	1	14.3	1	14.3	4	57.1	1	14.3	0	0.0	7	100.0
173	Skin Other	5	27.8	10	55.6	2	11.1	1	5.6	0	0.0	18	100.0
175	Breast Male	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
185	Prostate	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	1	100.0
186	Testis	0	0.0	1	25.0	2	50.0	1	25.0	0	0.0	4	100.0
187	Penis Etc.	0	0.0	10	41.7	13	54.2	1	4.2	0	0.0	24	100.0
188	Uri. Bladder	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	1	100.0
189	Kidney	0	0.0	0	0.0	1	50.0	1	50.0	0	0.0	2	100.0
190	Eye	1	20.0	0	0.0	1	20.0	3	60.0	0	0.0	5	100.0
191	Brain	0	0.0	0	0.0	1	50.0	1	50.0	0	0.0	2	100.0
192	Nervous Sy.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
193	Thyroid Gland	0	0.0	1	20.0	3	60.0	1	20.0	0	0.0	5	100.0
194	Oth. Endo. Glands	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0
195	Ill Def. Site	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	1	100.0
196	Sec. Lymph Node	0	0.0	0	0.0	9	8.3	0	0.0	100	91.7	109	100.0
197	Sec. Res. Etc.	0	0.0	0	0.0	10	45.5	3	13.6	9	40.9	22	100.0
198	Sec. Other	0	0.0	0	0.0	2	28.6	0	0.0	5	71.4	7	100.0
199	Prim. Unknown	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	1	100.0
200	Lymphosarcoma	0	0.0	0	0.0	0	0.0	21	100.0	0	0.0	21	100.0
201	Hodgkin's Disease	0	0.0	0	0.0	0	0.0	5	100.0	0	0.0	5	100.0
202	Oth. Lymphoma	0	0.0	0	0.0	0	0.0	9	100.0	0	0.0	9	100.0
203	Mult. Myeloma	0	0.0	0	0.0	0	0.0	3	100.0	0	0.0	3	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	10	100.0	0	0.0	10	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	23	100.0	0	0.0	23	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0
207	Leuk. Oth. Sp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0
	All Sites	183	13.7	461	34.5	231	17.3	347	26.0	115	8.6	1337	100.0

**Table: DBG - 9(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease in the No Cancer Directed Treatment Group
1984 - 93 - Females
Dibrugarh**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	2	33.3	4	66.7	0	0.0	0	0.0	0	0.0	6	100.0
141	Tongue	6	26.1	15	65.2	2	8.7	0	0.0	0	0.0	23	100.0
142	Salivary Glands	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
143	Gum	1	12.5	5	62.5	2	25.0	0	0.0	0	0.0	8	100.0
144	Floor of Mouth	1	33.3	2	66.7	0	0.0	0	0.0	0	0.0	3	100.0
145	Other Mouth	5	26.3	14	73.7	0	0.0	0	0.0	0	0.0	19	100.0
146	Oropharynx	2	11.8	13	76.5	2	11.8	0	0.0	0	0.0	17	100.0
147	Nasopharynx	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
148	Hypopharynx	1	6.3	14	87.5	1	6.3	0	0.0	0	0.0	16	100.0
149	Pharynx Etc.	1	16.7	5	83.3	0	0.0	0	0.0	0	0.0	6	100.0
150	Oesophagus	22	22.9	26	27.1	10	10.4	38	39.6	0	0.0	96	100.0
151	Stomach	0	0.0	1	3.0	26	78.8	6	18.2	0	0.0	33	100.0
152	Small Intes.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
153	Colon	0	0.0	0	0.0	4	80.0	1	20.0	0	0.0	5	100.0
154	Rectum	1	5.9	4	23.5	7	41.2	5	29.4	0	0.0	17	100.0
155	Liver	0	0.0	0	0.0	9	69.2	4	30.8	0	0.0	13	100.0
156	Gall Bladder	0	0.0	2	11.1	13	72.2	3	16.7	0	0.0	18	100.0
157	Pancreas	0	0.0	0	0.0	1	33.3	2	66.7	0	0.0	3	100.0
158	Retroperito.	0	0.0	0	0.0	1	50.0	1	50.0	0	0.0	2	100.0
159	Other Dig. Sys.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
160	Nasal Cavity	1	33.3	1	33.3	0	0.0	1	33.3	0	0.0	3	100.0
161	Larynx	1	14.3	5	71.4	1	14.3	0	0.0	0	0.0	7	100.0
162	Lung	0	0.0	0	0.0	10	55.6	8	44.4	0	0.0	18	100.0
163	Pleura	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
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	2	16.7	1	8.3	5	41.7	4	33.3	0	0.0	12	100.0
171	Conn. Tiss.	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
172	Skin Melanoma	2	66.7	0	0.0	0	0.0	1	33.3	0	0.0	3	100.0
173	Skin Other	6	46.2	3	23.1	2	15.4	2	15.4	0	0.0	13	100.0
174	Breast Female	1	3.3	13	43.3	16	53.3	0	0.0	0	0.0	30	100.0
179	Uterus Nos.	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0
180	Cervix	4	6.1	50	75.8	10	15.2	2	3.0	0	0.0	66	100.0
181	Placenta	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	1	100.0
182	Body Uterus	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0
183	Ovary	0	0.0	0	0.0	11	84.6	2	15.4	0	0.0	13	100.0
184	Vagina	1	16.7	1	16.7	2	33.3	2	33.3	0	0.0	6	100.0
188	Uri. Bladder	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
189	Kidney	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0
190	Eye	1	16.7	1	16.7	2	33.3	2	33.3	0	0.0	6	100.0
191	Brain	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
192	Nervous Sy.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
193	Thyroid Gland	3	25.0	4	33.3	5	41.7	0	0.0	0	0.0	12	100.0
194	Oth. Endo. Glands	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
195	Ill Def. Site	0	0.0	1	25.0	2	50.0	1	25.0	0	0.0	4	100.0
196	Sec. Lymph Node	0	0.0	0	0.0	1	3.1	1	3.1	30	93.8	32	100.0
197	Sec. Res. Etc.	0	0.0	0	0.0	3	18.8	3	18.8	10	62.5	16	100.0
198	Sec. Other	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
199	Prim. Unknown	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
200	Lymphosarcoma	0	0.0	0	0.0	0	0.0	8	100.0	0	0.0	8	100.0
201	Hodgkin's Disease	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0
202	Oth. Lymphoma	0	0.0	0	0.0	0	0.0	3	100.0	0	0.0	3	100.0
203	Mult. Myeloma	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	6	100.0	0	0.0	6	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	12	100.0	0	0.0	12	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Oth. Sp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1	100.0
	All Sites	65	11.5	190	33.6	149	26.3	122	21.6	40	7.1	566	100.0

**Table: DBG - 10(a): Proportion(%) of patients who received(Y) and not received(N) any Cancer Directed Treatment(CDT) according to Clinical Extent of Disease for each Site
1984 - 93 - Males
Dibrugarh**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %
140	Lip	100.0	0.0	81.3	18.8	100.0	0.0	100.0	0.0	100.0	0.0	90.3	9.7
141	Tongue	92.1	7.9	86.6	13.4	83.3	16.7	60.0	40.0	100.0	0.0	88.2	11.8
142	Salivary Glands	93.3	6.7	57.1	42.9	100.0	0.0	66.7	33.3	100.0	0.0	80.8	19.2
143	Gum	100.0	0.0	79.2	20.8	66.7	33.3	0.0	100.0	100.0	0.0	84.3	15.7
144	Floor of Mouth	100.0	0.0	87.5	12.5	100.0	0.0	100.0	0.0	100.0	0.0	91.2	8.8
145	Other Mouth	87.9	12.1	87.2	12.8	60.0	40.0	0.0	100.0	100.0	0.0	86.5	13.5
146	Oropharynx	91.2	8.8	86.5	13.5	84.6	15.4	0.0	100.0	100.0	0.0	87.2	12.8
147	Nasopharynx	100.0	0.0	87.4	12.6	91.7	8.3	88.9	11.1	100.0	0.0	88.5	11.5
148	Hypopharynx	90.6	9.4	88.5	11.5	73.7	26.3	50.0	50.0	100.0	0.0	88.6	11.4
149	Pharynx Etc.	88.5	11.5	85.4	14.6	33.3	66.7	66.7	33.3	100.0	0.0	84.8	15.2
150	Oesophagus	88.4	11.6	80.2	19.8	55.4	44.6	67.3	32.7	100.0	0.0	78.8	21.2
151	Stomach	92.6	7.4	97.1	2.9	69.2	30.8	36.8	63.2	100.0	0.0	78.4	21.6
152	Small Intes.	100.0	0.0	100.0	0.0	100.0	0.0	50.0	50.0	100.0	0.0	80.0	20.0
153	Colon	100.0	0.0	100.0	0.0	68.2	31.8	25.0	75.0	100.0	0.0	82.5	17.5
154	Rectum	100.0	0.0	81.1	18.9	56.5	43.5	42.9	57.1	100.0	0.0	72.0	28.0
155	Liver	100.0	0.0	100.0	0.0	46.2	53.8	62.2	37.8	100.0	0.0	61.1	38.9
156	Gall Bladder	100.0	0.0	66.7	33.3	70.6	29.4	50.0	50.0	100.0	0.0	70.0	30.0
157	Pancreas	100.0	0.0	100.0	0.0	81.8	18.2	0.0	100.0	100.0	0.0	88.5	11.5
158	Retroperit.	100.0	0.0	100.0	0.0	66.7	33.3	50.0	50.0	100.0	0.0	63.6	36.4
159	Other Dig. Sys.	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
160	Nasal Cavity	89.5	10.5	87.0	13.0	0.0	100.0	66.7	33.3	100.0	0.0	83.7	16.3
161	Larynx	94.3	5.7	85.1	14.9	40.0	60.0	80.0	20.0	100.0	0.0	87.2	12.8
162	Lung	100.0	0.0	94.1	5.9	71.4	28.6	76.6	23.4	100.0	0.0	75.8	24.2
163	Pleura	100.0	0.0	100.0	0.0	100.0	0.0	75.0	25.0	100.0	0.0	83.3	16.7
164	Thymus	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
165	Other Resp.	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
170	Bone	92.0	8.0	84.6	15.4	42.9	57.1	53.8	46.2	100.0	0.0	69.2	30.8
171	Conn. Tiss.	75.0	25.0	93.3	6.7	75.0	25.0	83.3	16.7	100.0	0.0	82.0	18.0
172	Skin Melanoma	83.3	16.7	75.0	25.0	60.0	40.0	90.0	10.0	100.0	0.0	76.7	23.3
173	Skin Other	90.0	10.0	70.6	29.4	71.4	28.6	75.0	25.0	100.0	0.0	81.1	18.9
175	Breast Male	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
185	Prostate	100.0	0.0	100.0	0.0	83.3	16.7	100.0	0.0	100.0	0.0	92.9	7.1
186	Testis	100.0	0.0	95.8	4.2	81.8	18.2	88.9	11.1	100.0	0.0	91.7	8.3
187	Penis Etc.	100.0	0.0	84.8	15.2	31.6	68.4	75.0	25.0	100.0	0.0	79.8	20.2
188	Uri. Bladder	100.0	0.0	100.0	0.0	85.7	14.3	100.0	0.0	100.0	0.0	97.8	2.2
189	Kidney	100.0	0.0	100.0	0.0	85.7	14.3	75.0	25.0	100.0	0.0	87.5	12.5
190	Eye	0.0	100.0	100.0	0.0	75.0	25.0	82.4	17.6	100.0	0.0	80.8	19.2
191	Brain	100.0	0.0	100.0	0.0	66.7	33.3	75.0	25.0	100.0	0.0	71.4	28.6
192	Nervous Sy.	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
193	Thyroid Gland	100.0	0.0	93.3	6.7	57.1	42.9	80.0	20.0	100.0	0.0	82.1	17.9
194	Oth. Endo. Glands	100.0	0.0	100.0	0.0	100.0	0.0	0.0	100.0	100.0	0.0	66.7	33.3
195	Ill Def. Site	100.0	0.0	100.0	0.0	50.0	50.0	100.0	0.0	100.0	0.0	93.8	6.3
196	Sec. Lymph Node	100.0	0.0	100.0	0.0	82.4	17.6	100.0	0.0	82.2	17.8	82.4	17.6
197	Sec. Res. Etc.	100.0	0.0	100.0	0.0	47.4	52.6	40.0	60.0	62.5	37.5	54.2	45.8
198	Sec. Other	100.0	0.0	100.0	0.0	33.3	66.7	100.0	0.0	66.7	33.3	63.2	36.8
199	Prim. Unknown	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	0.0	100.0	0.0	100.0
200	Lymphosarcoma	100.0	0.0	100.0	0.0	100.0	0.0	83.7	16.3	100.0	0.0	84.7	15.3
201	Hodgkin's Disease	100.0	0.0	100.0	0.0	100.0	0.0	87.2	12.8	100.0	0.0	87.2	12.8
202	Oth. Lymphoma	100.0	0.0	100.0	0.0	100.0	0.0	83.3	16.7	100.0	0.0	83.9	16.1
203	Mult. Myeloma	100.0	0.0	100.0	0.0	100.0	0.0	72.7	27.3	100.0	0.0	72.7	27.3
204	Leuk. Lymphatic	100.0	0.0	100.0	0.0	100.0	0.0	81.5	18.5	100.0	0.0	81.5	18.5
205	Leuk. Myelocytic	100.0	0.0	100.0	0.0	100.0	0.0	76.3	23.7	100.0	0.0	76.3	23.7
206	Leuk. Monocytic	100.0	0.0	100.0	0.0	100.0	0.0	50.0	50.0	100.0	0.0	50.0	50.0
207	Leuk. Misc.	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
208	Leuk. Unspecified	100.0	0.0	100.0	0.0	100.0	0.0	83.3	16.7	100.0	0.0	83.3	16.7
	All Sites	90.6	9.4	86.7	13.3	67.6	32.4	72.6	27.4	81.1	18.9	83.3	16.7

**Table: DBG - 10(b): Proportion(%) of patients who received(Y) and not received(N) any Cancer Directed Treatment(CDT) according to Clinical Extent of Disease for each Site
1984 - 93 - Females
Dibrugarh**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %
140	Lip	83.3	16.7	71.4	28.6	100.0	0.0	100.0	0.0	100.0	0.0	77.8	22.2
141	Tongue	85.4	14.6	85.7	14.3	66.7	33.3	100.0	0.0	100.0	0.0	85.0	15.0
142	Salivary Glands	66.7	33.3	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	83.3	16.7
143	Gum	92.3	7.7	81.5	18.5	0.0	100.0	100.0	0.0	100.0	0.0	81.4	18.6
144	Floor of Mouth	50.0	50.0	81.8	18.2	100.0	0.0	100.0	0.0	100.0	0.0	80.0	20.0
145	Other Mouth	92.2	7.8	79.7	20.3	100.0	0.0	100.0	0.0	100.0	0.0	86.1	13.9
146	Oropharynx	94.3	5.7	88.2	11.8	33.3	66.7	100.0	0.0	100.0	0.0	88.7	11.3
147	Nasopharynx	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
148	Hypopharynx	97.9	2.1	85.7	14.3	0.0	100.0	100.0	0.0	100.0	0.0	89.1	10.9
149	Pharynx Etc.	83.3	16.7	86.8	13.2	100.0	0.0	100.0	0.0	100.0	0.0	86.4	13.6
150	Oesophagus	89.1	10.9	82.3	17.7	56.5	43.5	69.6	30.4	100.0	0.0	80.7	19.3
151	Stomach	100.0	0.0	98.6	1.4	63.9	36.1	45.5	54.5	100.0	0.0	79.5	20.5
152	Small Intes.	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
153	Colon	100.0	0.0	100.0	0.0	71.4	28.6	0.0	100.0	100.0	0.0	82.1	17.9
154	Rectum	80.0	20.0	78.9	21.1	50.0	50.0	16.7	83.3	100.0	0.0	61.4	38.6
155	Liver	100.0	0.0	100.0	0.0	10.0	90.0	63.6	36.4	100.0	0.0	45.8	54.2
156	Gall Bladder	100.0	0.0	92.6	7.4	63.9	36.1	50.0	50.0	100.0	0.0	76.3	23.7
157	Pancreas	100.0	0.0	100.0	0.0	90.0	10.0	0.0	100.0	100.0	0.0	80.0	20.0
158	Retropelit.	100.0	0.0	100.0	0.0	88.9	11.1	50.0	50.0	100.0	0.0	85.7	14.3
159	Other Dig. Sys.	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
160	Nasal Cavity	87.5	12.5	88.9	11.1	100.0	0.0	50.0	50.0	100.0	0.0	84.2	15.8
161	Larynx	90.9	9.1	82.1	17.9	66.7	33.3	100.0	0.0	100.0	0.0	83.3	16.7
162	Lung	100.0	0.0	100.0	0.0	63.0	37.0	75.8	24.2	100.0	0.0	70.5	29.5
163	Pleura	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
164	Thymus	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
165	Other Resp.	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
170	Bone	81.8	18.2	83.3	16.7	50.0	50.0	60.0	40.0	100.0	0.0	67.6	32.4
171	Conn. Tiss.	100.0	0.0	75.0	25.0	100.0	0.0	100.0	0.0	100.0	0.0	95.2	4.8
172	Skin Melanoma	60.0	40.0	100.0	0.0	100.0	0.0	0.0	100.0	100.0	0.0	57.1	42.9
173	Skin Other	84.2	15.8	76.9	23.1	0.0	100.0	50.0	50.0	100.0	0.0	77.6	22.4
174	Breast Female	97.9	2.1	94.9	5.1	71.4	28.6	100.0	0.0	100.0	0.0	91.7	8.3
179	Uterus Nos.	100.0	0.0	50.0	50.0	100.0	0.0	100.0	0.0	100.0	0.0	60.0	40.0
180	Cervix	94.5	5.5	89.3	10.7	83.9	16.1	77.8	22.2	100.0	0.0	89.2	10.8
181	Placenta	100.0	0.0	100.0	0.0	90.0	10.0	100.0	0.0	100.0	0.0	94.4	5.6
182	Body Uterus	100.0	0.0	84.6	15.4	100.0	0.0	100.0	0.0	100.0	0.0	88.2	11.8
183	Ovary	100.0	0.0	100.0	0.0	83.3	16.7	77.8	22.2	100.0	0.0	90.6	9.4
184	Vagina	91.7	8.3	96.2	3.8	50.0	50.0	60.0	40.0	100.0	0.0	87.2	12.8
188	Uri. Bladder	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
189	Kidney	100.0	0.0	100.0	0.0	100.0	0.0	90.0	10.0	100.0	0.0	93.8	6.3
190	Eye	0.0	100.0	66.7	33.3	60.0	40.0	87.5	12.5	100.0	0.0	76.0	24.0
191	Brain	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
192	Nervous Sy.	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
193	Thyroid Gland	72.7	27.3	50.0	50.0	16.7	83.3	100.0	0.0	100.0	0.0	62.5	37.5
194	Oth. Endo. Glands	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
195	Ill Def. Site	100.0	0.0	66.7	33.3	66.7	33.3	87.5	12.5	100.0	0.0	78.9	21.1
196	Sec. Lymph Node	100.0	0.0	100.0	0.0	92.9	7.1	0.0	100.0	76.0	24.0	77.1	22.9
197	Sec. Res. Etc.	100.0	0.0	100.0	0.0	57.1	42.9	0.0	100.0	54.5	45.5	50.0	50.0
198	Sec. Other	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
199	Prim. Unknown	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
200	Lymphosarcoma	100.0	0.0	100.0	0.0	100.0	0.0	82.6	17.4	100.0	0.0	82.6	17.4
201	Hodgkin's Disease	100.0	0.0	100.0	0.0	100.0	0.0	88.9	11.1	100.0	0.0	88.9	11.1
202	Oth. Lymphoma	100.0	0.0	100.0	0.0	100.0	0.0	82.4	17.6	100.0	0.0	84.2	15.8
203	Mult. Myeloma	100.0	0.0	100.0	0.0	100.0	0.0	75.0	25.0	100.0	0.0	75.0	25.0
204	Leuk. Lymphatic	100.0	0.0	100.0	0.0	100.0	0.0	71.4	28.6	100.0	0.0	71.4	28.6
205	Leuk. Myelocytic	100.0	0.0	100.0	0.0	100.0	0.0	72.7	27.3	100.0	0.0	72.7	27.3
206	Leuk. Monocytic	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
207	Leuk. Misc.	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
208	Leuk. Unspecified	100.0	0.0	100.0	0.0	100.0	0.0	75.0	25.0	100.0	0.0	75.0	25.0
	All Sites	90.6	9.4	88.7	11.3	70.3	29.7	73.7	26.3	75.2	24.8	83.8	16.2

HOSPITAL BASED CANCER REGISTRY

Regional Cancer Centre, Thiruvananthapuram (Trivandrum)

Dr. M. Krishnan Nair, Principal Investigator
P. Gangadharan, Co-Principal Investigator
Dr. R. Sankaranarayanan, Co-Principal Investigator
Dr. Cherian Varghese, Co-Principal Investigator

The Hospital Based Cancer Registry (HBCR), Trivandrum was established at the Regional Cancer Centre (RCC) in 1982 as part of the National Cancer Registry Programme of the Indian Council of Medical Research (ICMR). The HBCR has been collecting information on cancer patients reporting to the RCC, Medical College Hospital, SAT hospital for Women and Children and Dental College, Trivandrum from 1st January 1982. All the above hospitals are located in the same campus.

The social investigators of the HBCR identify the cancer patients attending the above hospitals and collect the information such as demographic details, tobacco-alcohol habits, menstrual and reproductive history by personal interviews. Information was also obtained from the medical records, including pathology reports. The registers of pathology department were specially scanned and details of all cancer cases diagnosed were collected.

The data so collected from different sources were collated and duplicates were eliminated. The information was coded on to the ICMR core-proforma. The proforma was documented twice and a copy was sent to the Co-ordinating Unit of NCRP for scrutiny and consistency checks. After the corrections, reports were generated manually. Since 1990, the data is entered into the computer and a variety of range and consistency checks for all variables are done using the software developed by the information division of RCC. The electronic data is sent to the Co-ordinating Unit of NCRP and the reports were generated using the in-house software. The demographic details collected in RCC at the time of new case registration are computerized since 1992 and these data are transferred to the ICMR core-proforma. The data transfer avoids the manual documentation of the first part of ICMR core-proforma.

The HBCR has an interactive programme with other divisions of RCC. This has led to wide utilization of the registry database for a variety of analyses resulting in several scientific publications.

The division of Cancer Epidemiology and Clinical Research was established in 1992 from HBCR core staff. The registry has attained an academic status enabling it to contribute to the research environment. This has helped to attract extramural funding from various agencies for different studies. These are shown below.

Projects initiated during 1984-93

1. Multi-centric case-control study of stomach cancer, funded by Indian Council of Medical Research, New Delhi.
2. Natural Background Radiation Registry, Karunagappally funded by Department of Atomic Energy, Bombay.
3. National Cancer Database for Cancer Control programme in India, funded by Department of Electronics, Govt. of India.
4. Population based study on human papilloma virus and cervical neoplasia in collaboration with Institute of Cancer Research, Cancer Research Campaign, Sutton, U.K.

With the active support of the RCC, World Health Organization, Indian Council of Medical Research, University of California (San Francisco), and National Cancer Institute (U.S.), the HCR was able to initiate and sustain education programme on cancer registration. During the period 1984-93, five such training programmes were conducted with an average of 20-30 participants from other cancer registries attending the programme.

The official newsletter of the National Cancer Registry Programme of India, 'CRAB' has been published by the HBCR, Trivandrum. The periodicity of 'CRAB' has stabilized to two issues per year.

The HBCR Trivandrum hosted the Annual Review Meeting of NCRP twice during the period. During the period, several staff members have presented papers in National and International Conferences both in India and abroad.

HBCR was involved in planning and evaluation of District Cancer Control Programmes at Ernakulam and Palghat.

**Other Staff of Hospital Based Cancer Registry,
Thiruvananthapuram**

Ms. Padmakumari G

Ms. P. T. Latha

Ms. Anitha Nayar

Ms. Jalaja Kumari V

**Table: TVM - 1(a): Number of Cancers by Site (ICD-9) and 5 Year Age Group:
1984 - 93 - Males**

ANS=Age Not Specified ; %= Relative Proportion of Cancers of All Sites.

Thiruvananthapuram

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	1	0	0	0	0	1	5	8	10	18	11	33	28	19	21	0	155	0.56
141	Tongue	0	0	0	0	8	18	35	83	122	231	259	300	267	238	137	142	0	1840	6.62
142	Salivary Glands	1	0	3	4	7	8	10	11	14	15	14	18	19	19	10	11	0	164	0.59
143	Gum	0	0	1	2	1	4	6	14	27	54	64	99	115	113	70	85	0	655	2.36
144	Floor Of Mouth	0	0	0	0	0	0	1	10	10	34	57	55	50	47	18	23	0	305	1.1
145	Other Mouth	1	0	1	0	3	9	32	87	130	268	341	469	445	380	237	257	0	2660	9.57
146	Oropharynx	0	0	1	0	0	1	6	23	38	79	135	181	175	141	73	72	0	925	3.33
147	Nasopharynx	2	3	13	21	18	12	18	12	20	23	20	35	31	20	11	9	0	268	0.96
148	Hypopharynx	0	0	0	0	8	14	18	28	34	82	129	141	165	153	62	49	0	883	3.18
149	Pharynx Etc.	0	0	1	0	1	2	2	2	3	7	6	12	9	4	6	1	0	56	0.2
150	Oesophagus	0	0	0	1	2	3	10	28	65	121	221	286	293	266	159	118	0	1573	5.66
151	Stomach	0	0	0	0	4	8	27	50	62	127	176	232	211	210	125	95	0	1327	4.77
152	Small Intes.	0	0	0	0	0	0	1	0	8	8	5	4	3	5	3	3	0	40	0.14
153	Colon	0	0	2	6	10	17	17	29	33	43	47	60	52	34	19	18	0	387	1.39
154	Rectum	0	0	0	1	8	9	24	22	35	47	64	70	80	75	47	37	0	519	1.87
155	Liver	18	1	10	11	28	43	78	81	76	89	82	85	73	59	32	15	0	781	2.81
156	Gall Bladder	0	0	0	0	2	2	1	3	9	12	13	7	7	4	1	5	0	66	0.24
157	Pancreas	0	0	0	0	2	4	16	27	32	55	57	42	49	37	21	7	1	350	1.26
158	Retroperit.	4	1	3	6	4	6	2	10	4	10	3	12	11	9	5	0	0	90	0.32
159	Other Dig. Sys.	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	3	0.01
160	Nasal Cavity	3	1	4	1	6	7	10	18	17	25	40	37	42	42	25	18	0	296	1.06
161	Larynx	1	0	0	0	3	0	7	24	40	94	149	250	265	211	111	80	0	1235	4.44
162	Lung	0	0	2	2	5	12	28	82	166	321	456	652	598	444	210	126	0	3104	11.16
163	Pleura	0	0	0	0	0	1	2	0	0	4	4	2	4	2	0	1	0	20	0.07
164	Thymus	1	1	2	3	8	6	8	6	9	3	1	5	2	2	2	1	0	60	0.22
165	Other Resp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	Bone	4	12	44	103	65	22	15	16	8	21	9	7	3	7	3	2	0	341	1.23
171	Conn. Tiss.	17	9	14	26	32	32	40	32	26	27	38	24	19	19	9	9	0	373	1.34
172	Skin Melanoma	0	1	2	2	1	2	1	6	15	9	25	17	23	27	14	15	0	160	0.58
173	Skin Other	2	4	2	7	3	5	16	23	21	45	53	66	78	72	47	45	2	491	1.77
175	Breast Male	0	0	0	1	0	1	0	4	2	4	9	4	9	12	5	0	0	51	0.18
185	Prostate	4	0	0	1	0	2	2	1	0	13	25	49	126	136	126	124	0	609	2.19
186	Testis	6	2	1	8	33	40	39	20	22	15	7	10	9	7	3	3	0	225	0.81
187	Penis Etc.	0	1	0	0	0	5	22	22	32	47	39	54	46	45	39	33	0	385	1.38
188	Uri. Bladder	3	1	0	0	1	1	3	8	17	38	40	83	91	66	80	59	0	491	1.77
189	Kidney	42	9	3	4	3	4	7	8	20	13	19	28	29	21	12	9	0	231	0.83
190	Eye	47	7	2	2	1	1	5	1	4	4	3	4	6	5	2	4	0	98	0.35
191	Brain	49	83	60	59	60	82	99	124	87	84	69	67	52	37	18	8	0	1038	3.73
192	Nervous Sy.	2	6	4	8	6	8	5	2	3	5	2	1	0	1	0	0	0	53	0.19
193	Thyroid Gland	0	2	4	10	49	37	48	57	56	50	51	46	54	40	23	27	0	554	1.99
194	Oth. Endo. Glands	27	8	7	4	4	1	3	1	2	4	2	3	2	0	0	1	0	69	0.25
195	Ill Def. Site	6	3	1	2	4	3	1	3	4	4	2	1	2	5	0	3	0	44	0.16
196	Sec. Lymph Node	3	1	3	4	6	8	20	38	50	69	88	121	116	97	54	57	0	735	2.64
197	Sec. Res. Etc.	1	1	0	1	3	4	14	20	26	43	38	58	53	64	29	20	0	375	1.35
198	Sec. Other	4	2	1	2	4	8	6	17	39	54	77	101	92	82	46	28	0	563	2.02
199	Prim. Unknown	1	0	0	0	3	0	1	3	2	6	4	12	9	4	4	2	0	51	0.18
200	Lymphosarcoma	9	23	11	29	23	32	23	29	35	38	36	51	49	42	30	25	0	485	1.74
201	Hodgkin's Disease	4	21	17	22	29	38	25	23	25	18	24	28	21	12	6	2	0	315	1.13
202	Oth. Lymphoma	9	23	14	23	27	28	39	49	42	57	67	73	77	64	34	45	0	671	2.41
203	Multi. Myeloma	0	0	0	0	0	3	4	7	23	37	41	54	58	75	33	23	0	358	1.29
204	Leuk. Lymphatic	131	105	80	92	63	38	20	16	12	12	10	17	11	16	6	7	0	636	2.29
205	Leuk. Myelocytic	20	33	41	64	65	48	51	47	29	41	36	35	33	19	9	9	1	581	2.09
206	Leuk. Monocytic	0	0	0	0	0	2	0	0	0	0	1	1	1	0	0	0	0	5	0.02
207	Leuk. Misc.	1	0	0	0	0	0	2	0	0	0	1	0	1	0	0	0	0	5	0.02
208	Leuk. Unspecified	6	2	3	3	5	5	4	3	5	2	5	1	4	2	1	2	0	53	0.19
	All Sites	429	367	357	535	618	646	876	1235	1569	2522	3182	4081	4074	3521	2036	1756	4	27808	100.00

**Table: TVM - 1(b): Number of Cancers by Site (ICD-9) and 5 Year Age Group:
1984 - 93 - Females**

ANS=Age Not Specified ; %= Relative Proportion of Cancers of All Sites.

Thiruvananthapuram

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	1	0	0	0	2	5	9	14	18	25	30	33	12	23	0	172	0.73
141	Tongue	0	0	0	1	10	10	18	36	43	71	104	144	136	133	62	53	0	821	3.48
142	Salivary Glands	1	1	3	6	7	5	11	13	4	8	12	8	12	5	2	5	0	103	0.44
143	Gum	0	0	0	0	0	1	2	6	20	35	51	74	62	84	57	63	0	455	1.93
144	Floor Of Mouth	0	0	1	0	1	1	0	0	1	4	4	8	8	8	4	3	0	43	0.18
145	Other Mouth	0	1	1	0	3	2	15	29	67	142	156	210	241	222	154	190	0	1433	6.07
146	Oropharynx	0	0	1	0	0	2	2	3	3	11	11	17	15	15	7	8	0	95	0.40
147	Nasopharynx	0	2	4	12	19	11	12	6	4	11	10	11	8	2	2	3	0	117	0.50
148	Hypopharynx	0	0	0	0	1	5	11	15	17	23	24	19	18	9	14	4	0	160	0.68
149	Pharynx Etc.	0	0	0	0	0	0	0	1	1	1	0	2	0	1	0	1	0	7	0.03
150	Oesophagus	0	0	0	0	3	3	5	7	15	33	58	87	76	62	39	43	0	431	1.83
151	Stomach	0	0	0	1	5	6	13	29	22	34	54	60	64	68	21	26	0	403	1.71
152	Small Intes.	0	0	0	0	0	2	3	0	2	3	4	1	2	1	0	2	0	20	0.08
153	Colon	0	0	0	0	5	6	13	14	21	17	21	37	26	19	8	13	0	200	0.85
154	Rectum	2	0	1	2	8	7	11	19	22	32	33	62	56	50	39	32	0	376	1.59
155	Liver	9	1	1	1	8	10	17	30	13	17	20	26	20	19	8	4	0	204	0.86
156	Gall Bladder	0	0	0	0	0	2	1	2	5	4	7	14	7	6	4	4	0	56	0.24
157	Pancreas	0	0	0	0	2	6	5	17	13	28	14	21	18	14	9	7	0	154	0.65
158	Retroperit.	8	0	0	2	2	1	1	8	8	4	9	8	3	3	2	2	0	61	0.26
159	Other Dig. Sys.	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2	0.01
160	Nasal Cavity	2	1	2	6	5	4	5	10	6	22	20	28	19	20	15	14	0	179	0.76
161	Larynx	0	0	0	1	0	2	3	4	3	6	9	15	19	14	6	6	0	88	0.37
162	Lung	0	0	0	2	4	9	13	12	23	37	42	43	42	42	23	13	0	305	1.29
163	Pleura	0	0	0	1	0	0	0	1	1	1	3	0	0	1	0	0	0	8	0.03
164	Thymus	1	0	0	0	1	1	1	2	1	0	2	0	0	0	1	0	0	10	0.04
165	Other Resp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170	Bone	3	15	49	42	27	17	9	5	5	4	2	3	2	3	2	1	0	189	0.80
171	Conn. Tiss.	20	17	11	25	37	22	18	22	19	21	13	18	9	12	6	11	0	281	1.19
172	Skin Melanoma	0	1	0	2	3	1	3	6	4	10	11	12	13	10	5	13	0	94	0.40
173	Skin Other	0	0	3	3	10	5	11	11	15	11	20	28	36	40	19	32	0	244	1.03
174	Breast	0	0	0	1	34	164	354	668	767	886	696	618	424	267	139	103	2	5123	21.70
179	Uterus Nos.	0	0	0	0	4	2	4	3	5	7	5	1	1	4	3	1	0	40	0.17
180	Cervix	0	0	0	0	5	31	117	346	456	712	727	779	689	509	254	212	0	4837	20.49
181	Placenta	0	0	0	2	13	17	5	3	3	4	1	0	0	0	0	0	0	48	0.20
182	Body Uterus	1	0	0	0	1	4	12	19	30	49	53	58	46	42	23	5	0	343	1.45
183	Ovary	1	9	42	68	81	63	57	97	127	192	138	163	108	88	47	15	0	1296	5.49
184	Vagina	5	0	0	0	2	2	4	7	13	23	35	34	50	54	47	38	0	314	1.33
188	Uri. Bladder	2	0	0	0	0	1	2	2	1	6	4	8	16	7	10	8	0	67	0.28
189	Kidney	41	13	2	0	2	4	3	9	4	12	11	5	6	10	6	2	0	130	0.55
190	Eye	45	7	3	2	2	1	0	2	0	0	2	3	1	0	0	2	0	70	0.30
191	Brain	37	85	55	44	43	51	52	68	36	38	32	31	26	18	6	0	0	622	2.64
192	Nervous Sy.	5	4	8	4	4	5	0	7	0	1	2	3	1	0	0	0	0	44	0.19
193	Thyroid Gland	0	2	9	42	133	191	191	168	106	112	96	90	79	57	40	32	0	1348	5.71
194	Oth. Endo. Glands	14	6	3	3	1	2	0	1	1	1	2	1	1	0	0	0	1	37	0.16
195	Ill Def. Site	5	0	1	0	1	1	0	1	4	0	1	4	3	1	4	1	0	27	0.11
196	Sec. Lymph Node	1	1	0	3	6	4	11	15	13	36	39	40	31	45	20	12	0	277	1.17
197	Sec. Res. Etc.	0	0	1	2	2	6	9	17	17	23	50	32	32	43	20	12	0	266	1.13
198	Sec. Other	5	1	4	4	3	8	14	12	20	41	43	50	48	31	23	24	0	331	1.40
199	Prim. Unknown	0	0	0	0	1	2	4	1	1	3	3	5	4	3	5	2	0	34	0.14
200	Lymphosarcoma	2	5	3	7	5	9	7	14	8	14	17	27	24	18	13	8	0	181	0.77
201	Hodgkin's Disease	2	6	7	19	17	14	6	3	4	7	5	6	3	7	1	2	0	109	0.46
202	Oth. Lymphoma	11	5	4	8	8	15	15	12	17	28	27	24	33	27	20	9	0	263	1.11
203	Multi. Myeloma	0	0	0	0	0	1	1	5	10	20	24	35	35	35	20	13	0	199	0.84
204	Leuk. Lymphatic	85	72	48	40	24	19	10	9	7	11	13	9	8	12	5	1	0	373	1.58
205	Leuk. Myelocytic	12	17	26	35	26	38	39	41	46	39	46	23	32	23	10	6	2	461	1.95
206	Leuk. Monocytic	0	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	4	0.02
207	Leuk. Misc.	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	3	0.01
208	Leuk. Unspecified	3	4	2	8	3	4	4	5	2	1	5	1	2	2	0	0	0	46	0.19
	All Sites	323	277	297	400	584	801	1126	1848	2065	2871	2810	3032	2645	2199	1237	1084	5	23604	100.00

**Table:TVM - 2(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Method of Diagnosis
1984 - 93 - Males
Thiruvananthapuram**

ICD-9	Site	Clinical		Microscopic		X - Ray		Others		Total	
		#	%	#	%	#	%	#	%	#	%
140	Lip	21	13.5	133	85.8	1	0.6	0	0.0	155	100.0
141	Tongue	210	11.4	1625	88.3	3	0.2	2	0.1	1840	100.0
142	Salivary Glands	8	4.9	155	94.5	0	0.0	1	0.6	164	100.0
143	Gum	81	12.4	569	86.9	4	0.6	1	0.2	655	100.0
144	Floor Of Mouth	26	8.5	279	91.5	0	0.0	0	0.0	305	100.0
145	Other Mouth	405	15.2	2239	84.2	8	0.3	8	0.3	2660	100.0
146	Oropharynx	64	6.9	855	92.4	1	0.1	5	0.5	925	100.0
147	Nasopharynx	12	4.5	251	93.7	3	1.1	2	0.7	268	100.0
148	Hypopharynx	48	5.4	817	92.5	7	0.8	11	1.2	883	100.0
149	Pharynx Etc.	3	5.4	53	94.6	0	0.0	0	0.0	56	100.0
150	Oesophagus	52	3.3	1297	82.5	137	8.7	87	5.5	1573	100.0
151	Stomach	90	6.8	985	74.2	93	7.0	159	12.0	1327	100.0
152	Small Intes.	0	0.0	39	97.5	0	0.0	1	2.5	40	100.0
153	Colon	10	2.6	353	91.2	9	2.3	15	3.9	387	100.0
154	Rectum	29	5.6	474	91.3	4	0.8	12	2.3	519	100.0
155	Liver	46	5.9	678	86.8	54	6.9	3	0.4	781	100.0
156	Gall Bladder	5	7.6	50	75.8	4	6.1	7	10.6	66	100.0
157	Pancreas	18	5.1	181	51.7	60	17.1	91	26.0	350	100.0
158	Retroperit.	2	2.2	84	93.3	3	3.3	1	1.1	90	100.0
159	Other Dig. Sys.	0	0.0	3	100.0	0	0.0	0	0.0	3	100.0
160	Nasal Cavity	17	5.7	269	90.9	10	3.4	0	0.0	296	100.0
161	Larynx	43	3.5	1166	94.4	4	0.3	22	1.8	1235	100.0
162	Lung	67	2.2	2380	76.7	611	19.7	46	1.5	3104	100.0
163	Pleura	2	10.0	17	85.0	1	5.0	0	0.0	20	100.0
164	Thymus	0	0.0	56	93.3	4	6.7	0	0.0	60	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	4	1.2	331	97.1	6	1.8	0	0.0	341	100.0
171	Conn. Tiss.	4	1.1	365	97.9	3	0.8	1	0.3	373	100.0
172	Skin Melanoma	4	2.5	156	97.5	0	0.0	0	0.0	160	100.0
173	Skin Other	21	4.3	470	95.7	0	0.0	0	0.0	491	100.0
175	Breast Male	0	0.0	51	100.0	0	0.0	0	0.0	51	100.0
185	Prostate	41	6.7	534	87.7	24	3.9	10	1.6	609	100.0
186	Testis	2	0.9	222	98.7	1	0.4	0	0.0	225	100.0
187	Penis Etc.	41	10.6	340	88.3	0	0.0	4	1.0	385	100.0
188	Uri. Bladder	18	3.7	428	87.2	14	2.9	31	6.3	491	100.0
189	Kidney	7	3.0	205	88.7	18	7.8	1	0.4	231	100.0
190	Eye	6	6.1	87	88.8	5	5.1	0	0.0	98	100.0
191	Brain	11	1.1	723	69.7	291	28.0	13	1.3	1038	100.0
192	Nervous Sy.	1	1.9	51	96.2	1	1.9	0	0.0	53	100.0
193	Thyroid Gland	10	1.8	539	97.3	4	0.7	1	0.2	554	100.0
194	Oth. Endo. Glands	0	0.0	66	95.7	3	4.3	0	0.0	69	100.0
195	Ill Def. Site	2	4.5	41	93.2	1	2.3	0	0.0	44	100.0
196	Sec. Lymph Node	26	3.5	691	94.0	12	1.6	6	0.8	735	100.0
197	Sec. Res. Etc.	23	6.1	249	66.4	96	25.6	7	1.9	375	100.0
198	Sec. Other	31	5.5	318	56.5	213	37.8	1	0.2	563	100.0
199	Prim. Unknown	15	29.4	2	3.9	29	56.9	5	9.8	51	100.0
200	Lymphosarcoma	0	0.0	485	100.0	0	0.0	0	0.0	485	100.0
201	Hodgkin's Disease	2	0.6	313	99.4	0	0.0	0	0.0	315	100.0
202	Oth. Lymphoma	17	2.5	649	96.7	3	0.4	2	0.3	671	100.0
203	Multi. Myeloma	1	0.3	314	87.7	12	3.4	31	8.7	358	100.0
204	Leuk. Lymphatic	0	0.0	636	100.0	0	0.0	0	0.0	636	100.0
205	Leuk. Myelocytic	0	0.0	581	100.0	0	0.0	0	0.0	581	100.0
206	Leuk. Monocytic	0	0.0	5	100.0	0	0.0	0	0.0	5	100.0
207	Leuk. Misc.	0	0.0	5	100.0	0	0.0	0	0.0	5	100.0
208	Leuk. Unspecified	0	0.0	53	100.0	0	0.0	0	0.0	53	100.0
	All Sites	1546	5.6	23918	86.0	1757	6.3	587	2.1	27808	100.0

**TABLE:TVM - 2 (b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Method of Diagnosis
1984 - 93 - Females
Thiruvananthapuram**

ICD-9	Site	Clinical		Microscopic		X - Ray		Others		Total	
		#	%	#	%	#	%	#	%	#	%
140	Lip	31	18.0	141	82.0	0	0.0	0	0.0	172	100.0
141	Tongue	86	10.5	732	89.2	0	0.0	3	0.4	821	100.0
142	Salivary Glands	4	3.9	98	95.1	1	1.0	0	0.0	103	100.0
143	Gum	72	15.8	381	83.7	2	0.4	0	0.0	455	100.0
144	Floor Of Mouth	6	14.0	37	86.0	0	0.0	0	0.0	43	100.0
145	Other Mouth	241	16.8	1183	82.6	5	0.3	4	0.3	1433	100.0
146	Oropharynx	5	5.3	89	93.7	0	0.0	1	1.1	95	100.0
147	Nasopharynx	2	1.7	113	96.6	1	0.9	1	0.9	117	100.0
148	Hypopharynx	7	4.4	147	91.9	1	0.6	5	3.1	160	100.0
149	Pharynx Etc.	0	0.0	7	100.0	0	0.0	0	0.0	7	100.0
150	Oesophagus	8	1.9	348	80.7	41	9.5	34	7.9	431	100.0
151	Stomach	45	11.2	280	69.5	27	6.7	51	12.7	403	100.0
152	Small Intes.	0	0.0	20	100.0	0	0.0	0	0.0	20	100.0
153	Colon	2	1.0	179	89.5	6	3.0	13	6.5	200	100.0
154	Rectum	22	5.9	350	93.1	1	0.3	3	0.8	376	100.0
155	Liver	18	8.8	163	79.9	21	10.3	2	1.0	204	100.0
156	Gall Bladder	2	3.6	40	71.4	3	5.4	11	19.6	56	100.0
157	Pancreas	13	8.4	81	52.6	15	9.7	45	29.2	154	100.0
158	Retroperit.	0	0.0	58	95.1	0	0.0	3	4.9	61	100.0
159	Other Dig. Sys.	0	0.0	1	50.0	1	50.0	0	0.0	2	100.0
160	Nasal Cavity	12	6.7	162	90.5	5	2.8	0	0.0	179	100.0
161	Larynx	5	5.7	79	89.8	3	3.4	1	1.1	88	100.0
162	Lung	10	3.3	244	80.0	46	15.1	5	1.6	305	100.0
163	Pleura	0	0.0	8	100.0	0	0.0	0	0.0	8	100.0
164	Thymus	0	0.0	8	80.0	2	20.0	0	0.0	10	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	1	0.5	183	96.8	5	2.6	0	0.0	189	100.0
171	Conn. Tiss.	3	1.1	275	97.9	2	0.7	1	0.4	281	100.0
172	Skin Melanoma	1	1.1	92	97.9	1	1.1	0	0.0	94	100.0
173	Skin Other	8	3.3	236	96.7	0	0.0	0	0.0	244	100.0
174	Breast	218	4.3	4868	95.0	12	0.2	25	0.5	5123	100.0
179	Uterus Nos.	4	10.0	36	90.0	0	0.0	0	0.0	40	100.0
180	Cervix	416	8.6	4407	91.1	9	0.2	5	0.1	4837	100.0
181	Placenta	1	2.1	42	87.5	3	6.3	2	4.2	48	100.0
182	Body Uterus	1	0.3	342	99.7	0	0.0	0	0.0	343	100.0
183	Ovary	27	2.1	1231	95.0	13	1.0	25	1.9	1296	100.0
184	Vagina	37	11.8	276	87.9	1	0.3	0	0.0	314	100.0
188	Uri. Bladder	3	4.5	59	88.1	1	1.5	4	6.0	67	100.0
189	Kidney	0	0.0	126	96.9	4	3.1	0	0.0	130	100.0
190	Eye	1	1.4	68	97.1	1	1.4	0	0.0	70	100.0
191	Brain	7	1.1	447	71.9	163	26.2	5	0.8	622	100.0
192	Nervous Sy.	0	0.0	41	93.2	2	4.5	1	2.3	44	100.0
193	Thyroid Gland	39	2.9	1295	96.1	9	0.7	5	0.4	1348	100.0
194	Oth. Endo. Glands	1	2.7	32	86.5	4	10.8	0	0.0	37	100.0
195	Ill Def. Site	3	11.1	22	81.5	2	7.4	0	0.0	27	100.0
196	Sec. Lymph Node	9	3.2	262	94.6	6	2.2	0	0.0	277	100.0
197	Sec. Res. Etc.	11	4.1	214	80.5	39	14.7	2	0.8	266	100.0
198	Sec. Other	18	5.4	199	60.1	114	34.4	0	0.0	331	100.0
199	Prim. Unknown	10	29.4	4	11.8	17	50.0	3	8.8	34	100.0
200	Lymphosarcoma	0	0.0	181	100.0	0	0.0	0	0.0	181	100.0
201	Hodgkin's Disease	0	0.0	109	100.0	0	0.0	0	0.0	109	100.0
202	Oth. Lymphoma	5	1.9	256	97.3	2	0.8	0	0.0	263	100.0
203	Multi. Myeloma	2	1.0	168	84.4	6	3.0	23	11.6	199	100.0
204	Leuk. Lymphatic	1	0.3	372	99.7	0	0.0	0	0.0	373	100.0
205	Leuk. Myelocytic	0	0.0	461	100.0	0	0.0	0	0.0	461	100.0
206	Leuk. Monocytic	0	0.0	4	100.0	0	0.0	0	0.0	4	100.0
207	Leuk. Misc.	0	0.0	3	100.0	0	0.0	0	0.0	3	100.0
208	Leuk. Unspecified	0	0.0	46	100.0	0	0.0	0	0.0	46	100.0
	All Sites	1418	6.0	21306	90.3	597	2.5	283	1.2	23604	100.0

**TABLE: TVM - 3(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Detailed Microscopic Diagnosis
1984 - 93 - Males
Thiruvananthapuram**

ICD-9	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	130	83.9	0	0.0	3	1.9	0	0.0	0	0.0	22	14.2	155	100.0
141	Tongue	1568	85.2	14	0.8	42	2.3	0	0.0	1	0.1	215	11.7	1840	100.0
142	Salivary Glands	139	84.8	5	3.0	11	6.7	0	0.0	0	0.0	9	5.5	164	100.0
143	Gum	557	85.0	2	0.3	10	1.5	0	0.0	0	0.0	86	13.1	655	100.0
144	Floor of Mouth	272	89.2	0	0.0	7	2.3	0	0.0	0	0.0	26	8.5	305	100.0
145	Other Mouth	2193	82.4	9	0.3	37	1.4	0	0.0	0	0.0	421	15.8	2660	100.0
146	Oropharynx	766	82.8	13	1.4	76	8.2	0	0.0	0	0.0	70	7.6	925	100.0
147	Nasopharynx	171	63.8	55	20.5	25	9.3	0	0.0	0	0.0	17	6.3	268	100.0
148	Hypopharynx	753	85.3	16	1.8	48	5.4	0	0.0	0	0.0	66	7.5	883	100.0
149	Pharynx Etc.	47	83.9	1	1.8	5	8.9	0	0.0	0	0.0	3	5.4	56	100.0
150	Oesophagus	1242	79.0	21	1.3	33	2.1	0	0.0	0	0.0	277	17.6	1573	100.0
151	Stomach	826	62.2	88	6.6	71	5.4	0	0.0	0	0.0	342	25.8	1327	100.0
152	Small Intes.	38	95.0	1	2.5	0	0.0	0	0.0	0	0.0	1	2.5	40	100.0
153	Colon	331	85.5	13	3.4	9	2.3	0	0.0	0	0.0	34	8.8	387	100.0
154	Rectum	458	88.2	8	1.5	8	1.5	0	0.0	0	0.0	45	8.7	519	100.0
155	Liver	277	35.5	6	0.8	395	50.6	0	0.0	0	0.0	103	13.2	781	100.0
156	Gall Bladder	43	65.2	7	10.6	0	0.0	0	0.0	0	0.0	16	24.2	66	100.0
157	Pancreas	124	35.4	27	7.7	30	8.6	0	0.0	0	0.0	169	48.3	350	100.0
158	Retroperito.	77	85.6	2	2.2	5	5.6	0	0.0	0	0.0	6	6.7	90	100.0
159	Other Dig. Sys.	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0	0	0.0	3	100.0
160	Nasal Cavity	247	83.4	3	1.0	19	6.4	0	0.0	0	0.0	27	9.1	296	100.0
161	Larynx	1108	89.7	11	0.9	47	3.8	0	0.0	0	0.0	69	5.6	1235	100.0
162	Lung	1136	36.6	448	14.4	796	25.6	0	0.0	0	0.0	724	23.3	3104	100.0
163	Pleura	12	60.0	0	0.0	5	25.0	0	0.0	0	0.0	3	15.0	20	100.0
164	Thymus	44	73.3	1	1.7	11	18.3	0	0.0	0	0.0	4	6.7	60	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	318	93.3	0	0.0	13	3.8	0	0.0	0	0.0	10	2.9	341	100.0
171	Conn. Tiss.	348	93.3	3	0.8	14	3.8	0	0.0	0	0.0	8	2.1	373	100.0
172	Skin Melanoma	139	86.9	13	8.1	4	2.5	0	0.0	0	0.0	4	2.5	160	100.0
173	Skin Other	463	94.3	1	0.2	6	1.2	0	0.0	0	0.0	21	4.3	491	100.0
175	Breast Male	48	94.1	1	2.0	2	3.9	0	0.0	0	0.0	0	0.0	51	100.0
185	Prostate	500	82.1	23	3.8	10	1.6	0	0.0	1	0.2	75	12.3	609	100.0
186	Testis	206	91.6	10	4.4	6	2.7	0	0.0	0	0.0	3	1.3	225	100.0
187	Penis Etc.	331	86.0	5	1.3	4	1.0	0	0.0	0	0.0	45	11.7	385	100.0
188	Uri. Bladder	415	84.5	1	0.2	12	2.4	0	0.0	0	0.0	63	12.8	491	100.0
189	Kidney	192	83.1	6	2.6	6	2.6	0	0.0	1	0.4	26	11.3	231	100.0
190	Eye	84	85.7	0	0.0	3	3.1	0	0.0	0	0.0	11	11.2	98	100.0
191	Brain	719	69.3	0	0.0	1	0.1	0	0.0	3	0.3	315	30.3	1038	100.0
192	Nervous Sy.	50	94.3	0	0.0	1	1.9	0	0.0	0	0.0	2	3.8	53	100.0
193	Thyroid Gland	456	82.3	29	5.2	54	9.7	0	0.0	0	0.0	15	2.7	554	100.0
194	Oth. Endo. Glands	47	68.1	3	4.3	10	14.5	0	0.0	6	8.7	3	4.3	69	100.0
195	Ill Def. Site	29	65.9	2	4.5	9	20.5	0	0.0	1	2.3	3	6.8	44	100.0
196	Sec. Lymph Node	3	0.4	523	71.2	165	22.4	0	0.0	0	0.0	44	6.0	735	100.0
197	Sec. Res. Etc.	0	0.0	94	25.1	155	41.3	0	0.0	0	0.0	126	33.6	375	100.0
198	Sec. Other	0	0.0	239	42.5	75	13.3	0	0.0	4	0.7	245	43.5	563	100.0
199	Prim. Unknown	0	0.0	2	3.9	0	0.0	0	0.0	0	0.0	49	96.1	51	100.0
200	Lymphosarcoma	459	94.6	0	0.0	9	1.9	0	0.0	17	3.5	0	0.0	485	100.0
201	Hodgkin's Disease	300	95.2	0	0.0	3	1.0	0	0.0	10	3.2	2	0.6	315	100.0
202	Oth. Lymphoma	578	86.1	0	0.0	38	5.7	1	0.1	32	4.8	22	3.3	671	100.0
203	Mult. Myeloma	18	5.0	0	0.0	3	0.8	8	2.2	285	79.6	44	12.3	358	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	37	5.8	599	94.2	0	0.0	636	100.0
205	Leuk. Myelocytic	1	0.2	0	0.0	0	0.0	75	12.9	505	86.9	0	0.0	581	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	1	20.0	4	80.0	0	0.0	5	100.0
207	Leuk. Misc.	1	20.0	0	0.0	0	0.0	1	20.0	3	60.0	0	0.0	5	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	13	24.5	40	75.5	0	0.0	53	100.0
	All Sites	18264	65.7	1708	6.1	2297	8.3	136	0.5	1512	5.4	3891	14	27808	100.00

**Table: TVM - 3(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Detailed Microscopic Diagnosis
1984 - 93 - Females
Thiruvananthapuram**

ICD-9	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	139	80.8	1	0.6	1	0.6	0	0.0	0	0.0	31	18.0	172	100.0
141	Tongue	718	87.5	3	0.4	11	1.3	0	0.0	0	0.0	89	10.8	821	100.0
142	Salivary Glands	90	87.4	1	1.0	7	6.8	0	0.0	0	0.0	5	4.9	103	100.0
143	Gum	372	81.8	6	1.3	3	0.7	0	0.0	0	0.0	74	16.3	455	100.0
144	Floor of Mouth	36	83.7	0	0.0	1	2.3	0	0.0	0	0.0	6	14.0	43	100.0
145	Other Mouth	1164	81.2	3	0.2	16	1.1	0	0.0	0	0.0	250	17.4	1433	100.0
146	Oropharynx	85	89.5	1	1.1	3	3.2	0	0.0	0	0.0	6	6.3	95	100.0
147	Nasopharynx	91	77.8	19	16.2	3	2.6	0	0.0	0	0.0	4	3.4	117	100.0
148	Hypopharynx	140	87.5	1	0.6	6	3.8	0	0.0	0	0.0	13	8.1	160	100.0
149	Pharynx Etc.	7	99.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	100.0
150	Oesophagus	333	77.3	6	1.4	9	2.1	0	0.0	0	0.0	83	19.3	431	100.0
151	Stomach	224	55.6	36	8.9	20	5.0	0	0.0	0	0.0	123	30.5	403	100.0
152	Small Intes.	19	95.0	0	0.0	1	5.0	0	0.0	0	0.0	0	0.0	20	100.0
153	Colon	170	85.0	4	2.0	5	2.5	0	0.0	0	0.0	21	10.5	200	100.0
154	Rectum	339	90.2	3	0.8	8	2.1	0	0.0	0	0.0	26	6.9	376	100.0
155	Liver	76	37.3	1	0.5	86	42.2	0	0.0	0	0.0	41	20.1	204	100.0
156	Gall Bladder	38	67.9	2	3.6	0	0.0	0	0.0	0	0.0	16	28.6	56	100.0
157	Pancreas	55	35.7	11	7.1	15	9.7	0	0.0	0	0.0	73	47.4	154	100.0
158	Retroperito.	55	90.2	0	0.0	3	4.9	0	0.0	0	0.0	3	4.9	61	100.0
159	Other Dig. Sys.	0	0.0	1	50.0	0	0.0	0	0.0	0	0.0	1	50.0	2	100.0
160	Nasal Cavity	149	83.2	1	0.6	12	6.7	0	0.0	0	0.0	17	9.5	179	100.0
161	Larynx	76	86.4	0	0.0	3	3.4	0	0.0	0	0.0	9	10.2	88	100.0
162	Lung	102	33.4	41	13.4	101	33.1	0	0.0	0	0.0	61	20.0	305	100.0
163	Pleura	4	50.0	1	12.5	3	37.5	0	0.0	0	0.0	0	0.0	8	100.0
164	Thymus	5	50.0	0	0.0	3	30.0	0	0.0	0	0.0	2	20.0	10	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	171	90.5	0	0.0	11	5.8	1	0.5	0	0.0	6	3.2	189	100.0
171	Conn. Tiss.	264	94.0	0	0.0	11	3.9	0	0.0	0	0.0	6	2.1	281	100.0
172	Skin Melanoma	84	89.4	4	4.3	4	4.3	0	0.0	0	0.0	2	2.1	94	100.0
173	Skin Other	227	93.0	2	0.8	6	2.5	0	0.0	1	0.4	8	3.3	244	100.0
174	Breast Female	4599	89.8	23	0.4	244	4.8	0	0.0	2	0.0	255	5.0	5123	100.0
179	Uterus Nos.	35	87.5	0	0.0	1	2.5	0	0.0	0	0.0	4	10.0	40	100.0
180	Cervix	4295	88.8	2	0.0	110	2.3	0	0.0	0	0.0	430	8.9	4837	100.0
181	Placenta	39	81.3	3	6.3	0	0.0	0	0.0	0	0.0	6	12.5	48	100.0
182	Body Uterus	338	98.5	0	0.0	3	0.9	0	0.0	1	0.3	1	0.3	343	100.0
183	Ovary	1095	84.5	52	4.0	83	6.4	0	0.0	1	0.1	65	5.0	1296	100.0
184	Vagina	261	83.1	0	0.0	15	4.8	0	0.0	0	0.0	38	12.1	314	100.0
188	Uri. Bladder	58	86.6	0	0.0	1	1.5	0	0.0	0	0.0	8	11.9	67	100.0
189	Kidney	120	92.3	2	1.5	3	2.3	0	0.0	1	0.8	4	3.1	130	100.0
190	Eye	66	94.3	1	1.4	1	1.4	0	0.0	0	0.0	2	2.9	70	100.0
191	Brain	445	71.5	0	0.0	2	0.3	0	0.0	0	0.0	175	28.1	622	100.0
192	Nervous Sy.	41	93.2	0	0.0	0	0.0	0	0.0	0	0.0	3	6.8	44	100.0
193	Thyroid Gland	1149	85.2	33	2.4	112	8.3	0	0.0	1	0.1	53	3.9	1348	100.0
194	Oth. Endo. Glands	24	64.9	1	2.7	4	10.8	0	0.0	3	8.1	5	13.5	37	100.0
195	Ill Def. Site	13	48.1	1	3.7	7	25.9	0	0.0	1	3.7	5	18.5	27	100.0
196	Sec. Lymph Node	2	0.7	204	73.6	56	20.2	0	0.0	0	0.0	15	5.4	277	100.0
197	Sec. Res. Etc.	0	0.0	99	37.2	115	43.2	0	0.0	0	0.0	52	19.5	266	100.0
198	Sec. Other	1	0.3	129	39.0	63	19.0	0	0.0	6	1.8	132	39.9	331	100.0
199	Prim. Unknown	0	0.0	2	5.9	1	2.9	0	0.0	1	2.9	30	88.2	34	100.0
200	Lymphosarcoma	176	97.2	0	0.0	1	0.6	0	0.0	4	2.2	0	0.0	181	100.0
201	Hodgkin's Disease	104	95.4	0	0.0	3	2.8	0	0.0	2	1.8	0	0.0	109	100.0
202	Oth. Lymphoma	229	87.1	0	0.0	15	5.7	0	0.0	12	4.6	7	2.7	263	100.0
203	Mult. Myeloma	5	2.5	0	0.0	3	1.5	4	2.0	156	78.4	31	15.6	199	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	29	7.8	343	92.0	1	0.3	373	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	67	14.5	394	85.5	0	0.0	461	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	4	99.9	0	0.0	4	100.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	0	0.0	3	99.9	0	0.0	3	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	15	32.6	31	67.4	0	0.0	46	100.0
	All Sites	18328	77.6	700	3	1195	5.1	116	0.5	967	4.1	2298	9.7	23604	100.0

**Table: TVM - 4(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Broad Treatment Group
1984 - 93 - Males
Thiruvananthapuram**

ICD-9	Site	Prior Tmt.		Prior+ at RI		Only at RI		No CDT*		Total	
		#	%	#	%	#	%	#	%	#	%
140	Lip	7	4.5	8	5.2	105	67.7	35	22.6	155	100.0
141	Tongue	55	3.0	70	3.8	1319	71.7	396	21.5	1840	100.0
142	Salivary Glands	16	9.8	50	30.5	63	38.4	35	21.3	164	100.0
143	Gum	17	2.6	22	3.4	463	70.7	153	23.4	655	100.0
144	Floor Of Mouth	7	2.3	16	5.2	215	70.5	67	22.0	305	100.0
145	Other Mouth	92	3.5	64	2.4	1888	71.0	616	23.2	2660	100.0
146	Oropharynx	21	2.3	16	1.7	713	77.1	175	18.9	925	100.0
147	Nasopharynx	6	2.2	11	4.1	205	76.5	46	17.2	268	100.0
148	Hypopharynx	27	3.1	14	1.6	683	77.3	159	18.0	883	100.0
149	Pharynx Etc.	1	1.8	0	0.0	45	80.4	10	17.9	56	100.0
150	Oesophagus	36	2.3	44	2.8	1021	64.9	472	30.0	1573	100.0
151	Stomach	86	6.5	95	7.2	500	37.7	646	48.7	1327	100.0
152	Small Intes.	9	22.5	6	15.0	18	45.0	7	17.5	40	100.0
153	Colon	53	13.7	83	21.4	185	47.8	66	17.1	387	100.0
154	Rectum	38	7.3	44	8.5	309	59.5	128	24.7	519	100.0
155	Liver	11	1.4	3	0.4	289	37.0	478	61.2	781	100.0
156	Gall Bladder	6	9.1	9	13.6	34	51.5	17	25.8	66	100.0
157	Pancreas	7	2.0	8	2.3	136	38.9	199	56.9	350	100.0
158	Retroperit.	5	5.6	15	16.7	43	47.8	27	30.0	90	100.0
159	Other Dig. Sys.	0	0.0	0	0.0	0	0.0	3	100.0	3	100.0
160	Nasal Cavity	11	3.7	38	12.8	202	68.2	45	15.2	296	100.0
161	Larynx	29	2.3	62	5.0	889	72.0	255	20.6	1235	100.0
162	Lung	81	2.6	64	2.1	1922	61.9	1037	33.4	3104	100.0
163	Pleura	1	5.0	0	0.0	7	35.0	12	60.0	20	100.0
164	Thymus	6	10.0	18	30.0	26	43.3	10	16.7	60	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	36	10.6	30	8.8	182	53.4	93	27.3	341	100.0
171	Conn. Tiss.	53	14.2	98	26.3	172	46.1	50	13.4	373	100.0
172	Skin Melanoma	39	24.4	18	11.3	82	51.3	21	13.1	160	100.0
173	Skin Other	71	14.5	66	13.4	257	52.3	97	19.8	491	100.0
175	Breast Male	3	5.9	26	51.0	15	29.4	7	13.7	51	100.0
185	Prostate	65	10.7	130	21.3	355	58.3	59	9.7	609	100.0
186	Testis	47	20.9	112	49.8	50	22.2	16	7.1	225	100.0
187	Penis Etc.	50	13.0	64	16.6	190	49.4	81	21.0	385	100.0
188	Uri. Bladder	34	6.9	74	15.1	301	61.3	82	16.7	491	100.0
189	Kidney	39	16.9	44	19.0	116	50.2	32	13.9	231	100.0
190	Eye	27	27.6	40	40.8	26	26.5	5	5.1	98	100.0
191	Brain	57	5.5	404	38.9	434	41.8	143	13.8	1038	100.0
192	Nervous Sy.	7	13.2	23	43.4	20	37.7	3	5.7	53	100.0
193	Thyroid Gland	98	17.7	89	16.1	280	50.5	87	15.7	554	100.0
194	Oth. Endo. Glands	8	11.6	11	15.9	40	58.0	10	14.5	69	100.0
195	Ill Def. Site	8	18.2	2	4.5	20	45.5	14	31.8	44	100.0
196	Sec. Lymph Node	23	3.1	26	3.5	398	54.1	288	39.2	735	100.0
197	Sec. Res. Etc.	5	1.3	5	1.3	99	26.4	266	70.9	375	100.0
198	Sec. Other	13	2.3	38	6.7	339	60.2	173	30.7	563	100.0
199	Prim. Unknown	0	0.0	1	2.0	21	41.2	29	56.9	51	100.0
200	Lymphosarcoma	16	3.3	41	8.5	343	70.7	85	17.5	485	100.0
201	Hodgkin's Disease	11	3.5	25	7.9	238	75.6	41	13.0	315	100.0
202	Oth. Lymphoma	23	3.4	64	9.5	425	63.3	159	23.7	671	100.0
203	Multi. Myeloma	15	4.2	25	7.0	239	66.8	79	22.1	358	100.0
204	Leuk. Lymphatic	21	3.3	38	6.0	454	71.4	123	19.3	636	100.0
205	Leuk. Myelocytic	20	3.4	20	3.4	274	47.2	267	46.0	581	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	1	20.0	4	80.0	5	100.0
207	Leuk. Misc.	0	0.0	0	0.0	3	60.0	2	40.0	5	100.0
208	Leuk. Unspecified	1	1.9	0	0.0	17	32.1	35	66.0	53	100.0
	All Sites	1418	5.1	2274	8.2	16671	60	7445	26.8	27808	100.0

* : Cancer Directed Treatment

**Table: TVM - 4(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Broad Treatment Group
1984 - 93 - Females
Thiruvananthapuram**

ICD-9	Site	Prior Tmt.		Prior + at RI		Only at RI		No CDT*		Total	
		#	%	#	%	#	%	#	%	#	%
140	Lip	9	5.2	5	2.9	128	74.4	30	17.4	172	100.0
141	Tongue	17	2.1	32	3.9	584	71.1	188	22.9	821	100.0
142	Salivary Glands	8	7.8	44	42.7	41	39.8	10	9.7	103	100.0
143	Gum	7	1.5	8	1.8	329	72.3	111	24.4	455	100.0
144	Floor Of Mouth	0	0.0	3	7.0	30	69.8	10	23.3	43	100.0
145	Other Mouth	28	2.0	33	2.3	1049	73.2	323	22.5	1433	100.0
146	Oropharynx	0	0.0	2	2.1	77	81.1	16	16.8	95	100.0
147	Nasopharynx	4	3.4	4	3.4	98	83.8	11	9.4	117	100.0
148	Hypopharynx	1	0.6	8	5.0	116	72.5	35	21.9	160	100.0
149	Pharynx Etc.	0	0.0	0	0.0	5	71.4	2	28.6	7	100.0
150	Oesophagus	7	1.6	9	2.1	300	69.6	115	26.7	431	100.0
151	Stomach	22	5.5	30	7.4	161	40.0	190	47.1	403	100.0
152	Small Intes.	2	10.0	4	20.0	9	45.0	5	25.0	20	100.0
153	Colon	23	11.5	41	20.5	96	48.0	40	20.0	200	100.0
154	Rectum	26	6.9	50	13.3	212	56.4	88	23.4	376	100.0
155	Liver	7	3.4	1	0.5	72	35.3	124	60.8	204	100.0
156	Gall Bladder	9	16.1	1	1.8	19	33.9	27	48.2	56	100.0
157	Pancreas	4	2.6	3	1.9	69	44.8	78	50.6	154	100.0
158	Retroperit.	5	8.2	12	19.7	29	47.5	15	24.6	61	100.0
159	Other Dig. Sys.	0	0.0	0	0.0	0	0.0	2	100.0	2	100.0
160	Nasal Cavity	14	7.8	21	11.7	119	66.5	25	14.0	179	100.0
161	Larynx	1	1.1	3	3.4	65	73.9	19	21.6	88	100.0
162	Lung	5	1.6	13	4.3	153	50.2	134	43.9	305	100.0
163	Pleura	0	0.0	0	0.0	3	37.5	5	62.5	8	100.0
164	Thymus	0	0.0	3	30.0	4	40.0	3	30.0	10	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	11	5.8	26	13.8	109	57.7	43	22.8	189	100.0
171	Conn. Tiss.	43	15.3	81	28.8	126	44.8	31	11.0	281	100.0
172	Skin Melanoma	32	34.0	13	13.8	28	29.8	21	22.3	94	100.0
173	Skin Other	38	15.6	45	18.4	126	51.6	35	14.3	244	100.0
174	Breast	658	12.8	2076	40.5	2049	40.0	340	6.6	5123	100.0
179	Uterus Nos.	7	17.5	15	37.5	14	35.0	4	10.0	40	100.0
180	Cervix	66	1.4	210	4.3	3654	75.5	907	18.8	4837	100.0
181	Placenta	1	2.1	13	27.1	30	62.5	4	8.3	48	100.0
182	Body Uterus	48	14.0	97	28.3	171	49.9	27	7.9	343	100.0
183	Ovary	164	12.7	408	31.5	544	42.0	180	13.9	1296	100.0
184	Vagina	12	3.8	21	6.7	197	62.7	84	26.8	314	100.0
188	Uri. Bladder	3	4.5	5	7.5	38	56.7	21	31.3	67	100.0
189	Kidney	11	8.5	27	20.8	74	56.9	18	13.8	130	100.0
190	Eye	14	20.0	42	60.0	9	12.9	5	7.1	70	100.0
191	Brain	41	6.6	270	43.4	227	36.5	84	13.5	622	100.0
192	Nervous Sy.	6	13.6	23	52.3	10	22.7	5	11.4	44	100.0
193	Thyroid Gland	346	25.7	232	17.2	635	47.1	135	10.0	1348	100.0
194	Oth. Endo. Glands	1	2.7	8	21.6	18	48.6	10	27.0	37	100.0
195	Ill Def. Site	1	3.7	7	25.9	6	22.2	13	48.1	27	100.0
196	Sec. Lymph Node	7	2.5	11	4.0	144	52.0	115	41.5	277	100.0
197	Sec. Res. Etc.	7	2.6	5	1.9	98	36.8	156	58.6	266	100.0
198	Sec. Other	13	3.9	17	5.1	190	57.4	111	33.5	331	100.0
199	Prim. Unknown	0	0.0	0	0.0	15	44.1	19	55.9	34	100.0
200	Lymphosarcoma	4	2.2	14	7.7	136	75.1	27	14.9	181	100.0
201	Hodgkin's Disease	3	2.8	9	8.3	86	78.9	11	10.1	109	100.0
202	Oth. Lymphoma	9	3.4	35	13.3	157	59.7	62	23.6	263	100.0
203	Multi. Myeloma	1	0.5	11	5.5	137	68.8	50	25.1	199	100.0
204	Leuk. Lymphatic	11	2.9	24	6.4	242	64.9	96	25.7	373	100.0
205	Leuk. Myelocytic	3	0.7	5	1.1	240	52.1	213	46.2	461	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	4	100.0	4	100.0
207	Leuk. Misc.	1	33.3	0	0.0	2	66.7	0	0.0	3	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	17	37.0	29	63.0	46	100.0
	All Sites	1761	7.5	4080	17.3	13297	56.3	4466	18.9	23604	100.0

* : Cancer Directed Treatment

**Table: TVM - 5(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease (Excluding the Cancers Previously Treated)
1984 - 93 - Males
Thiruvananthapuram**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	45	32.1	94	67.1	0	0.0	0	0.0	1	0.7	140	100.0
141	Tongue	332	19.4	1341	78.2	42	2.4	0	0.0	0	0.0	1715	100.0
142	Salivary Glands	25	25.5	62	63.3	11	11.2	0	0.0	0	0.0	98	100.0
143	Gum	47	7.6	556	90.3	13	2.1	0	0.0	0	0.0	616	100.0
144	Floor of Mouth	48	17.0	224	79.4	10	3.5	0	0.0	0	0.0	282	100.0
145	Other Mouth	357	14.3	2091	83.5	54	2.2	2	0.1	0	0.0	2504	100.0
146	Oropharynx	39	4.4	811	91.3	38	4.3	0	0.0	0	0.0	888	100.0
147	Nasopharynx	7	2.8	215	85.7	29	11.6	0	0.0	0	0.0	251	100.0
148	Hypopharynx	52	6.2	757	89.9	33	3.9	0	0.0	0	0.0	842	100.0
149	Pharynx Etc.	2	3.6	52	94.5	1	1.8	0	0.0	0	0.0	55	100.0
150	Oesophagus	483	32.4	782	52.4	226	15.1	2	0.1	0	0.0	1493	100.0
151	Stomach	131	11.4	595	51.9	416	36.3	2	0.2	2	0.2	1146	100.0
152	Small Intes.	5	20.0	15	60.0	5	20.0	0	0.0	0	0.0	25	100.0
153	Colon	46	18.3	160	63.7	44	17.5	0	0.0	1	0.4	251	100.0
154	Rectum	93	21.3	263	60.2	80	18.3	1	0.2	0	0.0	437	100.0
155	Liver	200	26.1	238	31.0	322	42.0	2	0.3	5	0.7	767	100.0
156	Gall Bladder	10	19.6	34	66.7	7	13.7	0	0.0	0	0.0	51	100.0
157	Pancreas	47	14.0	162	48.4	124	37.0	1	0.3	1	0.3	335	100.0
158	Retroperito.	5	7.1	47	67.1	18	25.7	0	0.0	0	0.0	70	100.0
159	Other Dig. Sys.	0	0.0	0	0.0	3	100.0	0	0.0	0	0.0	3	100.0
160	Nasal Cavity	35	14.2	193	78.1	19	7.7	0	0.0	0	0.0	247	100.0
161	Larynx	295	25.8	827	72.3	18	1.6	1	0.1	3	0.3	1144	100.0
162	Lung	531	17.9	899	30.4	1521	51.4	5	0.2	3	0.1	2959	100.0
163	Pleura	6	31.6	4	21.1	9	47.4	0	0.0	0	0.0	19	100.0
164	Thymus	10	27.8	21	58.3	5	13.9	0	0.0	0	0.0	36	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	85	30.9	148	53.8	39	14.2	1	0.4	2	0.7	275	100.0
171	Conn. Tiss.	66	29.7	121	54.5	34	15.3	0	0.0	1	0.5	222	100.0
172	Skin Melanoma	29	28.2	48	46.6	26	25.2	0	0.0	0	0.0	103	100.0
173	Skin Other	139	39.3	195	55.1	19	5.4	0	0.0	1	0.3	354	100.0
175	Breast Male	2	9.1	19	86.4	1	4.5	0	0.0	0	0.0	22	100.0
185	Prostate	170	41.1	170	41.1	68	16.4	3	0.7	3	0.7	414	100.0
186	Testis	15	22.7	26	39.4	25	37.9	0	0.0	0	0.0	66	100.0
187	Penis Etc.	99	36.5	155	57.2	17	6.3	0	0.0	0	0.0	271	100.0
188	Uri. Bladder	150	39.2	195	50.9	35	9.1	1	0.3	2	0.5	383	100.0
189	Kidney	39	26.4	67	45.3	41	27.7	1	0.7	0	0.0	148	100.0
190	Eye	10	32.3	17	54.8	4	12.9	0	0.0	0	0.0	31	100.0
191	Brain	242	41.9	307	53.2	23	4.0	2	0.3	3	0.5	577	100.0
192	Nervous Sy.	5	21.7	15	65.2	3	13.0	0	0.0	0	0.0	23	100.0
193	Thyroid Gland	125	34.1	191	52.0	50	13.6	0	0.0	1	0.3	367	100.0
194	Oth. Endo. Glands	9	18.0	22	44.0	18	36.0	1	2.0	0	0.0	50	100.0
195	Ill Def. Site	6	17.6	16	47.1	11	32.4	1	2.9	0	0.0	34	100.0
196	Sec. Lymph Node	0	0.0	10	1.5	233	34.0	0	0.0	443	64.6	686	100.0
197	Sec. Res. Etc.	2	0.5	0	0.0	90	24.7	0	0.0	273	74.8	365	100.0
198	Sec. Other	1	0.2	2	0.4	160	31.3	1	0.2	348	68.0	512	100.0
199	Prim. Unknown	0	0.0	0	0.0	22	44.0	0	0.0	28	56.0	50	100.0
200	Lymphosarcoma	0	0.0	0	0.0	0	0.0	428	100.0	0	0.0	428	100.0
201	Hodgkin's Disease	0	0.0	0	0.0	0	0.0	279	100.0	0	0.0	279	100.0
202	Oth. Lymphoma	1	0.2	3	0.5	1	0.2	579	99.1	0	0.0	584	100.0
203	Mult. Myeloma	0	0.0	1	0.3	0	0.0	317	99.7	0	0.0	318	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	577	100.0	0	0.0	577	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	541	100.0	0	0.0	541	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	5	100.0	0	0.0	5	100.0
207	Leuk. Misc.	0	0.0	0	0.0	1	20.0	4	80.0	0	0.0	5	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	52	100.0	0	0.0	52	100.0
	All Sites	4046	16.8	12171	50.5	3969	16.5	2809	11.6	1121	4.6	24116	100.0

Table: TVM - 5(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease (Excluding the Cancers Previously Treated)
1984 - 93 - Females
Thiruvananthapuram

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	52	32.9	105	66.5	1	0.6	0	0.0	0	0.0	158	100.0
141	Tongue	217	28.1	532	68.9	22	2.8	0	0.0	1	0.1	772	100.0
142	Salivary Glands	9	17.6	35	68.6	7	13.7	0	0.0	0	0.0	51	100.0
143	Gum	32	7.3	399	90.7	9	2.0	0	0.0	0	0.0	440	100.0
144	Floor of Mouth	3	7.5	35	87.5	2	5.0	0	0.0	0	0.0	40	100.0
145	Other Mouth	188	13.7	1152	84.0	27	2.0	1	0.1	4	0.3	1372	100.0
146	Oropharynx	11	11.8	81	87.1	1	1.1	0	0.0	0	0.0	93	100.0
147	Nasopharynx	8	7.3	86	78.9	15	13.8	0	0.0	0	0.0	109	100.0
148	Hypopharynx	16	10.6	129	85.4	5	3.3	1	0.7	0	0.0	151	100.0
149	Pharynx Etc.	1	14.3	6	85.7	0	0.0	0	0.0	0	0.0	7	100.0
150	Oesophagus	136	32.8	226	54.5	52	12.5	1	0.2	0	0.0	415	100.0
151	Stomach	31	8.8	198	56.4	120	34.2	0	0.0	2	0.6	351	100.0
152	Small Intes.	1	7.1	10	71.4	3	21.4	0	0.0	0	0.0	14	100.0
153	Colon	21	15.4	93	68.4	22	16.2	0	0.0	0	0.0	136	100.0
154	Rectum	77	25.7	171	57.0	52	17.3	0	0.0	0	0.0	300	100.0
155	Liver	54	27.6	64	32.7	78	39.8	0	0.0	0	0.0	196	100.0
156	Gall Bladder	8	17.4	29	63.0	9	19.6	0	0.0	0	0.0	46	100.0
157	Pancreas	17	11.6	79	53.7	51	34.7	0	0.0	0	0.0	147	100.0
158	Retroperito.	4	9.1	32	72.7	7	15.9	0	0.0	1	2.3	44	100.0
159	Other Dig. Sys.	1	50.0	0	0.0	1	50.0	0	0.0	0	0.0	2	100.0
160	Nasal Cavity	18	12.5	109	75.7	16	11.1	0	0.0	1	0.7	144	100.0
161	Larynx	22	26.2	60	71.4	2	2.4	0	0.0	0	0.0	84	100.0
162	Lung	45	15.7	92	32.1	150	52.3	0	0.0	0	0.0	287	100.0
163	Pleura	0	0.0	6	75.0	2	25.0	0	0.0	0	0.0	8	100.0
164	Thymus	0	0.0	5	71.4	2	28.6	0	0.0	0	0.0	7	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	58	38.2	80	52.6	13	8.6	1	0.7	0	0.0	152	100.0
171	Conn. Tiss.	50	31.8	87	55.4	20	12.7	0	0.0	0	0.0	157	100.0
172	Skin Melanoma	10	20.4	21	42.9	18	36.7	0	0.0	0	0.0	49	100.0
173	Skin Other	80	49.7	73	45.3	5	3.1	3	1.9	0	0.0	161	100.0
174	Breast Female	441	18.5	1700	71.2	240	10.0	6	0.3	2	0.1	2389	100.0
179	Uterus Nos.	5	27.8	10	55.6	2	11.1	0	0.0	1	5.6	18	100.0
180	Cervix	641	14.1	3771	82.7	146	3.2	1	0.0	2	0.0	4561	100.0
181	Placenta	11	32.4	8	23.5	14	41.2	0	0.0	1	2.9	34	100.0
182	Body Uterus	76	38.4	119	60.1	3	1.5	0	0.0	0	0.0	198	100.0
183	Ovary	96	13.3	375	51.8	247	34.1	2	0.3	4	0.6	724	100.0
184	Vagina	53	18.9	202	71.9	25	8.9	0	0.0	1	0.4	281	100.0
188	Uri. Bladder	22	37.3	31	52.5	6	10.2	0	0.0	0	0.0	59	100.0
189	Kidney	28	30.4	52	56.5	12	13.0	0	0.0	0	0.0	92	100.0
190	Eye	2	14.3	9	64.3	3	21.4	0	0.0	0	0.0	14	100.0
191	Brain	118	37.9	178	57.2	14	4.5	0	0.0	1	0.3	311	100.0
192	Nervous Sy.	6	40.0	7	46.7	2	13.3	0	0.0	0	0.0	15	100.0
193	Thyroid Gland	342	44.4	330	42.9	96	12.5	0	0.0	2	0.3	770	100.0
194	Oth. Endo. Glands	6	21.4	14	50.0	7	25.0	1	3.6	0	0.0	28	100.0
195	Ill Def. Site	4	21.1	8	42.1	7	36.8	0	0.0	0	0.0	19	100.0
196	Sec. Lymph Node	0	0.0	5	1.9	92	35.5	0	0.0	162	62.5	259	100.0
197	Sec. Res. Etc.	0	0.0	0	0.0	61	24.0	0	0.0	193	76.0	254	100.0
198	Sec. Other	0	0.0	1	0.3	113	37.5	0	0.0	187	62.1	301	100.0
199	Prim. Unknown	0	0.0	0	0.0	18	52.9	0	0.0	16	47.1	34	100.0
200	Lymphosarcoma	0	0.0	0	0.0	0	0.0	163	100.0	0	0.0	163	100.0
201	Hodgkin's Disease	0	0.0	1	1.0	0	0.0	96	99.0	0	0.0	97	100.0
202	Oth. Lymphoma	0	0.0	0	0.0	0	0.0	219	100.0	0	0.0	219	100.0
203	Mult. Myeloma	0	0.0	0	0.0	0	0.0	187	100.0	0	0.0	187	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	338	100.0	0	0.0	338	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	453	100.0	0	0.0	453	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	4	100.0	0	0.0	4	100.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	46	100.0	0	0.0	46	100.0
	All Sites	3021	17.0	10816	60.9	1820	10.2	1525	8.6	581	3.3	17763	100.0

Table: TVM - 6(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Type of Treatment at Reporting Institution (Excluding the Cancers Previously Treated) 1984 - 93 - Males

R-Therapy = Radiotherapy, C-Therapy = Chemotherapy

Thiruvananthapuram

ICD-9 Site	Surgery (S)		R-Therapy (R)		C-Therapy (C)		S+R		S+C		R+C		S+R+C		Others		Unknown		Total	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	22	21.0	68	64.8	1	1.0	9	8.6	0	0.0	3	2.9	2	1.9	0	0.0	0	0.0	105	100.0
141	66	5.0	726	55.0	36	2.7	122	9.2	7	0.5	323	24.5	39	3.0	0	0.0	0	0.0	1319	100.0
142	14	22.2	22	34.9	0	0.0	24	38.1	0	0.0	2	3.2	1	1.6	0	0.0	0	0.0	63	100.0
143	22	4.8	280	60.5	4	0.9	101	21.8	1	0.2	42	9.1	13	2.8	0	0.0	0	0.0	463	100.0
144	5	2.3	150	69.8	4	1.9	19	8.8	0	0.0	31	14.4	6	2.8	0	0.0	0	0.0	215	100.0
145	43	2.3	1336	70.8	14	0.7	149	7.9	3	0.2	308	16.3	35	1.9	0	0.0	0	0.0	1888	100.0
146	3	0.4	528	74.1	4	0.6	11	1.5	0	0.0	165	23.1	2	0.3	0	0.0	0	0.0	713	100.0
147	0	0.0	163	79.5	3	1.5	5	2.4	0	0.0	33	16.1	1	0.5	0	0.0	0	0.0	205	100.0
148	3	0.4	503	73.6	8	1.2	12	1.8	0	0.0	155	22.7	2	0.3	0	0.0	0	0.0	683	100.0
149	0	0.0	25	55.6	2	4.4	2	4.4	0	0.0	15	33.3	1	2.2	0	0.0	0	0.0	45	100.0
150	85	8.3	713	69.8	29	2.8	10	1.0	3	0.3	181	17.7	0	0.0	0	0.0	0	0.0	1021	100.0
151	203	40.6	56	11.2	134	26.8	7	1.4	52	10.4	41	8.2	7	1.4	0	0.0	0	0.0	500	100.0
152	14	77.8	0	0.0	2	11.1	0	0.0	1	5.6	0	0.0	1	5.6	0	0.0	0	0.0	18	100.0
153	90	48.6	3	1.6	19	10.3	3	1.6	56	30.3	4	2.2	10	5.4	0	0.0	0	0.0	185	100.0
154	117	37.9	62	20.1	13	4.2	34	11.0	21	6.8	35	11.3	27	8.7	0	0.0	0	0.0	309	100.0
155	9	3.1	113	39.1	90	31.1	0	0.0	4	1.4	73	25.3	0	0.0	0	0.0	0	0.0	289	100.0
156	18	52.9	6	17.6	3	8.8	2	5.9	5	14.7	0	0.0	0	0.0	0	0.0	0	0.0	34	100.0
157	54	39.7	23	16.9	21	15.4	4	2.9	8	5.9	19	14.0	6	4.4	1	0.7	0	0.0	136	100.0
158	9	20.9	5	11.6	11	25.6	7	16.3	6	14.0	4	9.3	1	2.3	0	0.0	0	0.0	43	100.0
159	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
160	16	7.9	133	65.8	2	1.0	24	11.9	0	0.0	23	11.4	4	2.0	0	0.0	0	0.0	202	100.0
161	26	2.9	724	81.4	1	0.1	78	8.8	1	0.1	57	6.4	2	0.2	0	0.0	0	0.0	889	100.0
162	40	2.1	1403	73.0	206	10.7	20	1.0	2	0.1	247	12.9	3	0.2	1	0.1	0	0.0	1922	100.0
163	0	0.0	2	28.6	2	28.6	2	28.6	0	0.0	1	14.3	0	0.0	0	0.0	0	0.0	7	100.0
164	2	7.7	7	26.9	5	19.2	2	7.7	0	0.0	8	30.8	2	7.7	0	0.0	0	0.0	26	100.0
165	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	42	23.1	31	17.0	12	6.6	25	13.7	34	18.7	27	14.8	10	5.5	1	0.5	0	0.0	182	100.0
171	51	29.7	39	22.7	10	5.8	39	22.7	6	3.5	19	11.0	8	4.7	0	0.0	0	0.0	172	100.0
172	56	68.3	9	11.0	0	0.0	12	14.6	2	2.4	2	2.4	1	1.2	0	0.0	0	0.0	82	100.0
173	177	68.9	53	20.6	2	0.8	18	7.0	1	0.4	4	1.6	2	0.8	0	0.0	0	0.0	257	100.0
175	2	13.3	1	6.7	0	0.0	6	40.0	0	0.0	0	0.0	0	0.0	6	40.0	0	0.0	15	100.0
185	93	26.2	35	9.9	2	0.6	13	3.7	0	0.0	9	2.5	2	0.6	201	56.6	0	0.0	355	100.0
186	8	16.0	7	14.0	6	12.0	7	14.0	14	28.0	3	6.0	4	8.0	1	2.0	0	0.0	50	100.0
187	122	64.2	44	23.2	0	0.0	20	10.5	0	0.0	3	1.6	1	0.5	0	0.0	0	0.0	190	100.0
188	74	24.6	151	50.2	2	0.7	50	16.6	3	1.0	14	4.7	5	1.7	2	0.7	0	0.0	301	100.0
189	32	27.6	12	10.3	3	2.6	22	19.0	18	15.5	2	1.7	13	11.2	14	12.1	0	0.0	116	100.0
190	2	7.7	18	69.2	0	0.0	2	7.7	1	3.8	3	11.5	0	0.0	0	0.0	0	0.0	26	100.0
191	51	11.8	205	47.2	0	0.0	150	34.6	1	0.2	22	5.1	5	1.2	0	0.0	0	0.0	434	100.0
192	3	15.0	5	25.0	0	0.0	10	50.0	0	0.0	1	5.0	1	5.0	0	0.0	0	0.0	20	100.0
193	170	60.7	16	5.7	2	0.7	22	7.9	0	0.0	4	1.4	1	0.4	65	23.2	0	0.0	280	100.0
194	8	20.0	2	5.0	15	37.5	3	7.5	7	17.5	4	10.0	1	2.5	0	0.0	0	0.0	40	100.0
195	7	35.0	3	15.0	5	25.0	0	0.0	1	5.0	4	20.0	0	0.0	0	0.0	0	0.0	20	100.0
196	19	4.8	251	63.1	49	12.3	13	3.3	3	0.8	58	14.6	2	0.5	3	0.8	0	0.0	398	100.0
197	1	1.0	35	35.4	51	51.5	0	0.0	1	1.0	11	11.1	0	0.0	0	0.0	0	0.0	99	100.0
198	21	6.2	259	76.4	18	5.3	19	5.6	7	2.1	12	3.5	0	0.0	3	0.9	0	0.0	339	100.0
199	0	0.0	13	61.9	3	14.3	1	4.8	0	0.0	4	19.0	0	0.0	0	0.0	0	0.0	21	100.0
200	3	0.9	50	14.6	221	64.4	1	0.3	13	3.8	52	15.2	2	0.6	1	0.3	0	0.0	343	100.0
201	1	0.4	34	14.3	175	73.5	1	0.4	5	2.1	20	8.4	2	0.8	0	0.0	0	0.0	238	100.0
202	9	2.1	43	10.1	289	68.0	3	0.7	15	3.5	61	14.4	4	0.9	1	0.2	0	0.0	425	100.0
203	0	0.0	13	5.4	124	51.9	0	0.0	1	0.4	94	39.3	1	0.4	6	2.5	0	0.0	239	100.0
204	1	0.2	5	1.1	200	44.1	0	0.0	0	0.0	239	52.6	0	0.0	9	2.0	0	0.0	454	100.0
205	0	0.0	14	5.1	240	87.6	0	0.0	0	0.0	16	5.8	0	0.0	3	1.1	1	0.4	274	100.0
206	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
207	0	0.0	0	0.0	1	33.3	1	33.3	0	0.0	1	33.3	0	0.0	0	0.0	0	0.0	3	100.0
208	1	5.9	0	0.0	13	76.5	0	0.0	0	0.0	1	5.9	0	0.0	2	11.8	0	0.0	17	100.0
All	1815	10.9	8399	50.4	2058	12.3	1085	6.5	303	1.8	2460	14.8	230	1.4	320	1.9	1	0.0	16671	100.0

Table: TVM - 6(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Type of Treatment at Reporting Institution (Excluding the Cancers Previously Treated) 1984 - 93 - Females

R-Therapy = Radiotherapy, C-Therapy = Chemotherapy

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ICD-9 Site	Surgery		R-Therapy		C-Therapy		S+R		S+C		R+C		S+R+C		Others		Unknown		Total	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	36	28.1	75	58.6	1	0.8	12	9.4	0	0.0	4	3.1	0	0.0	0	0.0	0	0.0	128	100.0
141	63	10.8	305	52.2	23	3.9	69	11.8	4	0.7	107	18.3	12	2.1	1	0.2	0	0.0	584	100.0
142	7	17.1	10	24.4	1	2.4	21	51.2	0	0.0	1	2.4	1	2.4	0	0.0	0	0.0	41	100.0
143	17	5.2	195	59.3	4	1.2	78	23.7	1	0.3	28	8.5	6	1.8	0	0.0	0	0.0	329	100.0
144	0	0.0	22	73.3	0	0.0	4	13.3	0	0.0	4	13.3	0	0.0	0	0.0	0	0.0	30	100.0
145	38	3.6	794	75.7	5	0.5	78	7.4	1	0.1	118	11.2	15	1.4	0	0.0	0	0.0	1049	100.0
146	1	1.3	55	71.4	1	1.3	1	1.3	0	0.0	19	24.7	0	0.0	0	0.0	0	0.0	77	100.0
147	1	1.0	71	72.4	1	1.0	2	2.0	0	0.0	23	23.5	0	0.0	0	0.0	0	0.0	98	100.0
148	1	0.9	71	61.2	0	0.0	2	1.7	0	0.0	42	36.2	0	0.0	0	0.0	0	0.0	116	100.0
149	1	20.0	2	40.0	0	0.0	0	0.0	0	0.0	2	40.0	0	0.0	0	0.0	0	0.0	5	100.0
150	14	4.7	220	73.3	6	2.0	0	0.0	0	0.0	60	20.0	0	0.0	0	0.0	0	0.0	300	100.0
151	64	39.8	21	13.0	32	19.9	8	5.0	25	15.5	9	5.6	2	1.2	0	0.0	0	0.0	161	100.0
152	4	44.4	0	0.0	2	22.2	0	0.0	2	22.2	1	11.1	0	0.0	0	0.0	0	0.0	9	100.0
153	53	55.2	2	2.1	4	4.2	5	5.2	26	27.1	1	1.0	5	5.2	0	0.0	0	0.0	96	100.0
154	90	42.5	41	19.3	5	2.4	28	13.2	9	4.2	17	8.0	22	10.4	0	0.0	0	0.0	212	100.0
155	5	6.9	28	38.9	21	29.2	0	0.0	2	2.8	15	20.8	1	1.4	0	0.0	0	0.0	72	100.0
156	9	47.4	3	15.8	0	0.0	5	26.3	1	5.3	1	5.3	0	0.0	0	0.0	0	0.0	19	100.0
157	28	40.6	10	14.5	14	20.3	4	5.8	4	5.8	6	8.7	3	4.3	0	0.0	0	0.0	69	100.0
158	8	27.6	6	20.7	5	17.2	2	6.9	3	10.3	3	10.3	2	6.9	0	0.0	0	0.0	29	100.0
159	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
160	8	6.7	79	66.4	2	1.7	17	14.3	0	0.0	9	7.6	4	3.4	0	0.0	0	0.0	119	100.0
161	2	3.1	54	83.1	1	1.5	4	6.2	0	0.0	4	6.2	0	0.0	0	0.0	0	0.0	65	100.0
162	3	2.0	99	64.7	26	17.0	3	2.0	0	0.0	22	14.4	0	0.0	0	0.0	0	0.0	153	100.0
163	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	100.0
164	0	0.0	0	0.0	1	25.0	1	25.0	1	25.0	1	25.0	0	0.0	0	0.0	0	0.0	4	100.0
165	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	19	17.4	20	18.3	7	6.4	10	9.2	24	22.0	25	22.9	4	3.7	0	0.0	0	0.0	109	100.0
171	30	23.8	19	15.1	9	7.1	33	26.2	11	8.7	15	11.9	9	7.1	0	0.0	0	0.0	126	100.0
172	15	53.6	5	17.9	0	0.0	6	21.4	1	3.6	1	3.6	0	0.0	0	0.0	0	0.0	28	100.0
173	76	60.3	37	29.4	1	0.8	8	6.3	1	0.8	2	1.6	1	0.8	0	0.0	0	0.0	126	100.0
174	567	27.7	63	3.1	33	1.6	365	17.8	49	2.4	64	3.1	307	15.0	601	29.3	0	0.0	2049	100.0
179	4	28.6	1	7.1	3	21.4	4	28.6	1	7.1	0	0.0	1	7.1	0	0.0	0	0.0	14	100.0
180	32	0.9	3345	91.5	17	0.5	66	1.8	1	0.0	185	5.1	5	0.1	3	0.1	0	0.0	3654	100.0
181	2	6.7	1	3.3	17	56.7	1	3.3	5	16.7	3	10.0	1	3.3	0	0.0	0	0.0	30	100.0
182	28	16.4	58	33.9	0	0.0	72	42.1	4	2.3	3	1.8	4	2.3	2	1.2	0	0.0	171	100.0
183	79	14.5	33	6.1	136	25.0	85	15.6	131	24.1	36	6.6	44	8.1	0	0.0	0	0.0	544	100.0
184	7	3.6	137	69.5	4	2.0	15	7.6	2	1.0	29	14.7	3	1.5	0	0.0	0	0.0	197	100.0
188	15	39.5	20	52.6	0	0.0	1	2.6	1	2.6	1	2.6	0	0.0	0	0.0	0	0.0	38	100.0
189	26	35.1	10	13.5	4	5.4	7	9.5	10	13.5	2	2.7	12	16.2	3	4.1	0	0.0	74	100.0
190	1	11.1	4	44.4	2	22.2	2	22.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	9	100.0
191	23	10.1	124	54.6	0	0.0	67	29.5	0	0.0	10	4.4	3	1.3	0	0.0	0	0.0	227	100.0
192	2	20.0	3	30.0	0	0.0	5	50.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10	100.0
193	421	66.3	56	8.8	2	0.3	27	4.3	1	0.2	2	0.3	1	0.2	125	19.7	0	0.0	635	100.0
194	1	5.6	5	27.8	4	22.2	1	5.6	2	11.1	3	16.7	2	11.1	0	0.0	0	0.0	18	100.0
195	0	0.0	2	33.3	3	50.0	0	0.0	1	16.7	0	0.0	0	0.0	0	0.0	0	0.0	6	100.0
196	4	2.8	83	57.6	29	20.1	6	4.2	1	0.7	16	11.1	1	0.7	4	2.8	0	0.0	144	100.0
197	3	3.1	17	17.3	62	63.3	0	0.0	5	5.1	10	10.2	0	0.0	1	1.0	0	0.0	98	100.0
198	12	6.3	115	60.5	29	15.3	7	3.7	8	4.2	13	6.8	2	1.1	4	2.1	0	0.0	190	100.0
199	1	6.7	12	80.0	2	13.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	15	100.0
200	3	2.2	12	8.8	87	64.0	1	0.7	2	1.5	30	22.1	1	0.7	0	0.0	0	0.0	136	100.0
201	2	2.3	14	16.3	51	59.3	0	0.0	1	1.2	17	19.8	1	1.2	0	0.0	0	0.0	86	100.0
202	9	5.7	13	8.3	99	63.1	1	0.6	8	5.1	26	16.6	1	0.6	0	0.0	0	0.0	157	100.0
203	0	0.0	7	5.1	70	51.1	0	0.0	0	0.0	56	40.9	2	1.5	2	1.5	0	0.0	137	100.0
204	0	0.0	2	0.8	127	52.5	0	0.0	0	0.0	108	44.6	0	0.0	5	2.1	0	0.0	242	100.0
205	0	0.0	7	2.9	217	90.4	0	0.0	0	0.0	9	3.8	0	0.0	7	2.9	0	0.0	240	100.0
206	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
208	0	0.0	0	0.0	16	94.1	0	0.0	0	0.0	0	0.0	0	0.0	1	5.9	0	0.0	17	100.0
All	1835	13.8	6391	48.1	1188	8.9	1134	8.5	349	2.6	1163	8.7	478	3.6	759	5.7	0	0.0	13297	100.0

Table: TVM - 7(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Any Specific Treatment at Reporting Institution (Excluding the Cancers Previously Treated) 1984 - 93 - Males

S = Surgery, R = Radiotherapy, C = Chemotherapy, H =Hormonotherapy

Thiruvananthapuram

ICD-9	Site	Any S		Any R		Any C		Any H		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	33	27.3	82	67.8	6	5.0	0	0.0	0	0.0	0	0.0	121	100.0
141	Tongue	234	12.7	1210	65.4	405	21.9	0	0.0	0	0.0	0	0.0	1849	100.0
142	Salivary Glands	39	42.9	49	53.8	3	3.3	0	0.0	0	0.0	0	0.0	91	100.0
143	Gum	137	21.6	436	68.9	60	9.5	0	0.0	0	0.0	0	0.0	633	100.0
144	Floor of Mouth	30	10.8	206	74.4	41	14.8	0	0.0	0	0.0	0	0.0	277	100.0
145	Other Mouth	230	9.5	1828	75.6	360	14.9	0	0.0	0	0.0	0	0.0	2418	100.0
146	Oropharynx	16	1.8	706	79.1	171	19.1	0	0.0	0	0.0	0	0.0	893	100.0
147	Nasopharynx	6	2.4	202	82.4	37	15.1	0	0.0	0	0.0	0	0.0	245	100.0
148	Hypopharynx	17	2.0	672	78.7	165	19.3	0	0.0	0	0.0	0	0.0	854	100.0
149	Pharynx Etc.	3	4.7	43	67.2	18	28.1	0	0.0	0	0.0	0	0.0	64	100.0
150	Oesophagus	98	8.1	904	74.4	213	17.5	0	0.0	0	0.0	0	0.0	1215	100.0
151	Stomach	269	43.8	111	18.1	234	38.1	0	0.0	0	0.0	0	0.0	614	100.0
152	Small Intes.	16	76.2	1	4.8	4	19.0	0	0.0	0	0.0	0	0.0	21	100.0
153	Colon	159	59.3	20	7.5	89	33.2	0	0.0	0	0.0	0	0.0	268	100.0
154	Rectum	199	43.9	158	34.9	96	21.2	0	0.0	0	0.0	0	0.0	453	100.0
155	Liver	13	3.6	186	50.8	167	45.6	0	0.0	0	0.0	0	0.0	366	100.0
156	Gall Bladder	25	61.0	8	19.5	8	19.5	0	0.0	0	0.0	0	0.0	41	100.0
157	Pancreas	72	40.2	52	29.1	54	30.2	1	0.6	0	0.0	0	0.0	179	100.0
158	Retroperito.	23	37.1	17	27.4	22	35.5	0	0.0	0	0.0	0	0.0	62	100.0
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
160	Nasal Cavity	44	17.1	184	71.6	29	11.3	0	0.0	0	0.0	0	0.0	257	100.0
161	Larynx	107	10.4	861	83.7	61	5.9	0	0.0	0	0.0	0	0.0	1029	100.0
162	Lung	65	3.0	1674	76.2	458	20.8	1	0.0	0	0.0	0	0.0	2198	100.0
163	Pleura	2	20.0	5	50.0	3	30.0	0	0.0	0	0.0	0	0.0	10	100.0
164	Thymus	6	15.0	19	47.5	15	37.5	0	0.0	0	0.0	0	0.0	40	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	111	38.4	94	32.5	83	28.7	1	0.3	0	0.0	0	0.0	289	100.0
171	Conn. Tiss.	104	41.3	105	41.7	43	17.1	0	0.0	0	0.0	0	0.0	252	100.0
172	Skin Melanoma	71	71.0	24	24.0	5	5.0	0	0.0	0	0.0	0	0.0	100	100.0
173	Skin Other	198	69.7	77	27.1	9	3.2	0	0.0	0	0.0	0	0.0	284	100.0
175	Breast Male	13	41.9	12	38.7	0	0.0	6	19.4	0	0.0	0	0.0	31	100.0
185	Prostate	137	31.2	87	19.8	14	3.2	201	45.8	0	0.0	0	0.0	439	100.0
186	Testis	33	39.3	22	26.2	28	33.3	1	1.2	0	0.0	0	0.0	84	100.0
187	Penis Etc.	143	66.5	68	31.6	4	1.9	0	0.0	0	0.0	0	0.0	215	100.0
188	Uri. Bladder	133	35.0	220	57.9	25	6.6	2	0.5	0	0.0	0	0.0	380	100.0
189	Kidney	91	46.4	54	27.6	37	18.9	14	7.1	0	0.0	0	0.0	196	100.0
190	Eye	5	15.6	23	71.9	4	12.5	0	0.0	0	0.0	0	0.0	32	100.0
191	Brain	207	33.5	382	61.9	28	4.5	0	0.0	0	0.0	0	0.0	617	100.0
192	Nervous Sy.	14	42.4	17	51.5	2	6.1	0	0.0	0	0.0	0	0.0	33	100.0
193	Thyroid Gland	234	63.4	63	17.1	7	1.9	64	17.3	1	0.3	0	0.0	369	100.0
194	Oth. Endo. Glands	19	33.9	10	17.9	27	48.2	0	0.0	0	0.0	0	0.0	56	100.0
195	Ill Def. Site	8	32.0	7	28.0	10	40.0	0	0.0	0	0.0	0	0.0	25	100.0
196	Sec. Lymph Node	37	7.7	326	68.2	112	23.4	3	0.6	0	0.0	0	0.0	478	100.0
197	Sec. Res. Etc.	2	1.8	46	41.4	63	56.8	0	0.0	0	0.0	0	0.0	111	100.0
198	Sec. Other	47	12.4	292	77.0	37	9.8	3	0.8	0	0.0	0	0.0	379	100.0
199	Prim. Unknown	1	3.8	18	69.2	7	26.9	0	0.0	0	0.0	0	0.0	26	100.0
200	Lymphosarcoma	19	4.6	105	25.4	289	69.8	1	0.2	0	0.0	0	0.0	414	100.0
201	Hodgkin's Disease	9	3.4	57	21.3	202	75.4	0	0.0	0	0.0	0	0.0	268	100.0
202	Oth. Lymphoma	31	6.0	112	21.8	370	72.0	1	0.2	0	0.0	0	0.0	514	100.0
203	Mult. Myeloma	2	0.6	109	31.8	226	65.9	6	1.7	0	0.0	0	0.0	343	100.0
204	Leuk. Lymphatic	1	0.1	245	34.9	447	63.7	8	1.1	1	0.1	0	0.0	702	100.0
205	Leuk. Myelocytic	0	0.0	30	10.3	258	88.4	3	1.0	0	0.0	1	0.3	292	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
207	Leuk. Misc.	1	20.0	2	40.0	2	40.0	0	0.0	0	0.0	0	0.0	5	100.0
208	Leuk. Unspecified	1	5.0	1	5.0	16	80.0	2	10.0	0	0.0	0	0.0	20	100.0
	All Sites	3515	16.6	1224200	57.9	5075	24.0	318	1.5	2	0.0	1	0.0	21153	100.0

Table: TVM - 7(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Any Specific Treatment at Reporting Institution (Excluding the Cancers Previously Treated) 1984 - 93 - Females

S = Surgery, R = Radiotherapy, C = Chemotherapy, H =Hormonotherapy

Thiruvananthapuram

ICD-9	Site	Any S		Any R		Any C		Any H		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	48	33.3	91	63.2	5	3.5	0	0.0	0	0.0	0	0.0	144	100.0
141	Tongue	149	18.9	493	62.5	146	18.5	1	0.1	0	0.0	0	0.0	789	100.0
142	Salivary Glands	29	44.6	33	50.8	3	4.6	0	0.0	0	0.0	0	0.0	65	100.0
143	Gum	102	22.8	307	68.5	39	8.7	0	0.0	0	0.0	0	0.0	448	100.0
144	Floor of Mouth	4	10.5	30	78.9	4	10.5	0	0.0	0	0.0	0	0.0	38	100.0
145	Other Mouth	132	10.3	1005	78.8	139	10.9	0	0.0	0	0.0	0	0.0	1276	100.0
146	Oropharynx	2	2.1	75	77.3	20	20.6	0	0.0	0	0.0	0	0.0	97	100.0
147	Nasopharynx	3	2.4	96	78.0	24	19.5	0	0.0	0	0.0	0	0.0	123	100.0
148	Hypopharynx	3	1.9	115	71.9	42	26.2	0	0.0	0	0.0	0	0.0	160	100.0
149	Pharynx Etc.	1	14.3	4	57.1	2	28.6	0	0.0	0	0.0	0	0.0	7	100.0
150	Oesophagus	14	3.9	280	77.8	66	18.3	0	0.0	0	0.0	0	0.0	360	100.0
151	Stomach	99	47.8	40	19.3	68	32.9	0	0.0	0	0.0	0	0.0	207	100.0
152	Small Intes.	6	50.0	1	8.3	5	41.7	0	0.0	0	0.0	0	0.0	12	100.0
153	Colon	89	64.5	13	9.4	36	26.1	0	0.0	0	0.0	0	0.0	138	100.0
154	Rectum	149	48.1	108	34.8	53	17.1	0	0.0	0	0.0	0	0.0	310	100.0
155	Liver	8	8.8	44	48.4	39	42.9	0	0.0	0	0.0	0	0.0	91	100.0
156	Gall Bladder	15	57.7	9	34.6	2	7.7	0	0.0	0	0.0	0	0.0	26	100.0
157	Pancreas	39	43.8	23	25.8	27	30.3	0	0.0	0	0.0	0	0.0	89	100.0
158	Retroperito.	15	36.6	13	31.7	13	31.7	0	0.0	0	0.0	0	0.0	41	100.0
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
160	Nasal Cavity	29	19.0	109	71.2	15	9.8	0	0.0	0	0.0	0	0.0	153	100.0
161	Larynx	6	8.2	62	84.9	5	6.8	0	0.0	0	0.0	0	0.0	73	100.0
162	Lung	6	3.4	124	69.7	48	27.0	0	0.0	0	0.0	0	0.0	178	100.0
163	Pleura	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0	0	0.0	3	100.0
164	Thymus	2	28.6	2	28.6	3	42.9	0	0.0	0	0.0	0	0.0	7	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	57	32.4	59	33.5	60	34.1	0	0.0	0	0.0	0	0.0	176	100.0
171	Conn. Tiss.	83	40.9	76	37.4	44	21.7	0	0.0	0	0.0	0	0.0	203	100.0
172	Skin Melanoma	22	61.1	12	33.3	2	5.6	0	0.0	0	0.0	0	0.0	36	100.0
173	Skin Other	86	61.9	48	34.5	5	3.6	0	0.0	0	0.0	0	0.0	139	100.0
174	Breast Female	1730	41.7	1251	30.2	565	13.6	601	14.5	0	0.0	0	0.0	4147	100.0
179	Uterus Nos.	10	47.6	6	28.6	5	23.8	0	0.0	0	0.0	0	0.0	21	100.0
180	Cervix	105	2.7	3602	91.9	208	5.3	3	0.1	0	0.0	0	0.0	3918	100.0
181	Placenta	9	22.0	6	14.6	26	63.4	0	0.0	0	0.0	0	0.0	41	100.0
182	Body Uterus	110	42.1	138	52.9	11	4.2	2	0.8	0	0.0	0	0.0	261	100.0
183	Ovary	339	38.3	198	22.4	347	39.3	0	0.0	0	0.0	0	0.0	884	100.0
184	Vagina	27	10.8	184	73.9	38	15.3	0	0.0	0	0.0	0	0.0	249	100.0
188	Uri. Bladder	17	41.5	22	53.7	2	4.9	0	0.0	0	0.0	0	0.0	41	100.0
189	Kidney	57	47.1	33	27.3	28	23.1	3	2.5	0	0.0	0	0.0	121	100.0
190	Eye	3	27.3	6	54.5	2	18.2	0	0.0	0	0.0	0	0.0	11	100.0
191	Brain	93	30.0	204	65.8	13	4.2	0	0.0	0	0.0	0	0.0	310	100.0
192	Nervous Sy.	7	46.7	8	53.3	0	0.0	0	0.0	0	0.0	0	0.0	15	100.0
193	Thyroid Gland	548	68.6	120	15.0	6	0.8	121	15.1	4	0.5	0	0.0	799	100.0
194	Oth. Endo. Glands	6	21.4	11	39.3	11	39.3	0	0.0	0	0.0	0	0.0	28	100.0
195	Ill Def. Site	1	14.3	2	28.6	4	57.1	0	0.0	0	0.0	0	0.0	7	100.0
196	Sec. Lymph Node	13	7.5	108	62.4	48	27.7	4	2.3	0	0.0	0	0.0	173	100.0
197	Sec. Res. Etc.	8	7.1	27	23.9	77	68.1	0	0.0	1	0.9	0	0.0	113	100.0
198	Sec. Other	29	12.9	140	62.2	52	23.1	4	1.8	0	0.0	0	0.0	225	100.0
199	Prim. Unknown	1	6.7	12	80.0	2	13.3	0	0.0	0	0.0	0	0.0	15	100.0
200	Lymphosarcoma	7	4.1	44	25.7	120	70.2	0	0.0	0	0.0	0	0.0	171	100.0
201	Hodgkin's Disease	4	3.8	32	30.2	70	66.0	0	0.0	0	0.0	0	0.0	106	100.0
202	Oth. Lymphoma	19	9.8	41	21.1	134	69.1	0	0.0	0	0.0	0	0.0	194	100.0
203	Mult. Myeloma	2	1.0	65	32.7	130	65.3	2	1.0	0	0.0	0	0.0	199	100.0
204	Leuk. Lymphatic	0	0.0	111	31.2	240	67.4	5	1.4	0	0.0	0	0.0	356	100.0
205	Leuk. Myelocytic	0	0.0	16	6.3	231	90.9	7	2.8	0	0.0	0	0.0	254	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
207	Leuk. Misc.	0	0.0	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	16	94.1	1	5.9	0	0.0	0	0.0	17	100.0
	All Sites	4343	24.0	9662	53.5	3303	18.3	754	4.2	5	0.0	0	0.0	18067	100.0

**Table: TVM - 8(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Treatment Status at Reporting Institution (Excluding the Cancers Previously Treated)
1984 - 93 - Males
Thiruvananthapuram**

ICD-9	Site	Received		Not Received		Not Accepted		Incomplete		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	105	75.0	13	9.3	14	10.0	8	5.7	0	0.0	140	100.0
141	Tongue	1319	76.9	100	5.8	162	9.4	133	7.8	1	0.1	1715	100.0
142	Salivary Glands	63	64.3	14	14.3	9	9.2	12	12.2	0	0.0	98	100.0
143	Gum	463	75.2	38	6.2	52	8.4	63	10.2	0	0.0	616	100.0
144	Floor of Mouth	215	76.2	16	5.7	25	8.9	25	8.9	1	0.4	282	100.0
145	Other Mouth	1888	75.4	158	6.3	225	9.0	228	9.1	5	0.2	2504	100.0
146	Oropharynx	713	80.3	33	3.7	56	6.3	85	9.6	1	0.1	888	100.0
147	Nasopharynx	205	81.7	14	5.6	10	4.0	20	8.0	2	0.8	251	100.0
148	Hypopharynx	683	81.1	38	4.5	51	6.1	66	7.8	4	0.5	842	100.0
149	Pharynx Etc.	45	81.8	6	10.9	1	1.8	3	5.5	0	0.0	55	100.0
150	Oesophagus	1021	68.4	199	13.3	126	8.4	129	8.6	18	1.2	1493	100.0
151	Stomach	500	43.6	442	38.6	126	11.0	48	4.2	30	2.6	1146	100.0
152	Small Intes.	18	72.0	5	20.0	1	4.0	1	4.0	0	0.0	25	100.0
153	Colon	185	73.7	41	16.3	10	4.0	12	4.8	3	1.2	251	100.0
154	Rectum	309	70.7	63	14.4	32	7.3	32	7.3	1	0.2	437	100.0
155	Liver	289	37.7	333	43.4	91	11.9	39	5.1	15	2.0	767	100.0
156	Gall Bladder	34	66.7	13	25.5	1	2.0	1	2.0	2	3.9	51	100.0
157	Pancreas	136	40.6	155	46.3	20	6.0	16	4.8	8	2.4	335	100.0
158	Retroperito.	43	61.4	14	20.0	5	7.1	8	11.4	0	0.0	70	100.0
159	Other Dig. Sys.	0	0.0	1	33.3	2	66.7	0	0.0	0	0.0	3	100.0
160	Nasal Cavity	202	81.8	9	3.6	16	6.5	20	8.1	0	0.0	247	100.0
161	Larynx	889	77.7	112	9.8	73	6.4	60	5.2	10	0.9	1144	100.0
162	Lung	1922	65.0	540	18.2	265	9.0	202	6.8	30	1.0	2959	100.0
163	Pleura	7	36.8	8	42.1	0	0.0	3	15.8	1	5.3	19	100.0
164	Thymus	26	72.2	4	11.1	1	2.8	4	11.1	1	2.8	36	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	182	66.2	33	12.0	31	11.3	27	9.8	2	0.7	275	100.0
171	Conn. Tiss.	172	77.5	13	5.9	17	7.7	20	9.0	0	0.0	222	100.0
172	Skin Melanoma	82	79.6	8	7.8	9	8.7	4	3.9	0	0.0	103	100.0
173	Skin Other	257	72.6	34	9.6	45	12.7	18	5.1	0	0.0	354	100.0
175	Breast Male	15	68.2	1	4.5	1	4.5	5	22.7	0	0.0	22	100.0
185	Prostate	355	85.7	44	10.6	9	2.2	5	1.2	1	0.2	414	100.0
186	Testis	50	75.8	3	4.5	6	9.1	6	9.1	1	1.5	66	100.0
187	Penis Etc.	190	70.1	27	10.0	39	14.4	12	4.4	3	1.1	271	100.0
188	Uri. Bladder	301	78.6	33	8.6	18	4.7	31	8.1	0	0.0	383	100.0
189	Kidney	116	78.4	13	8.8	5	3.4	13	8.8	1	0.7	148	100.0
190	Eye	26	83.9	3	9.7	1	3.2	1	3.2	0	0.0	31	100.0
191	Brain	434	75.2	38	6.6	41	7.1	62	10.7	2	0.3	577	100.0
192	Nervous Sy.	20	87.0	1	4.3	0	0.0	2	8.7	0	0.0	23	100.0
193	Thyroid Gland	280	76.3	33	9.0	23	6.3	28	7.6	3	0.8	367	100.0
194	Oth. Endo. Glands	40	80.0	4	8.0	2	4.0	3	6.0	1	2.0	50	100.0
195	Ill Def. Site	20	58.8	8	23.5	2	5.9	3	8.8	1	2.9	34	100.0
196	Sec. Lymph Node	398	58.0	173	25.2	64	9.3	34	5.0	17	2.5	686	100.0
197	Sec. Res. Etc.	99	27.1	203	55.6	39	10.7	13	3.6	11	3.0	365	100.0
198	Sec. Other	339	66.2	96	18.8	38	7.4	35	6.8	4	0.8	512	100.0
199	Prim. Unknown	21	42.0	22	44.0	3	6.0	2	4.0	2	4.0	50	100.0
200	Lymphosarcoma	343	80.1	41	9.6	20	4.7	19	4.4	5	1.2	428	100.0
201	Hodgkin's Disease	238	85.3	18	6.5	13	4.7	9	3.2	1	0.4	279	100.0
202	Oth. Lymphoma	425	72.8	89	15.2	32	5.5	33	5.7	5	0.9	584	100.0
203	Mult. Myeloma	239	75.2	35	11.0	20	6.3	23	7.2	1	0.3	318	100.0
204	Leuk. Lymphatic	454	78.7	78	13.5	13	2.3	29	5.0	3	0.5	577	100.0
205	Leuk. Myelocytic	274	50.6	194	35.9	46	8.5	13	2.4	14	2.6	541	100.0
206	Leuk. Monocytic	1	20.0	4	80.0	0	0.0	0	0.0	0	0.0	5	100.0
207	Leuk. Misc.	3	60.0	2	40.0	0	0.0	0	0.0	0	0.0	5	100.0
208	Leuk. Unspecified	17	32.7	32	61.5	2	3.8	0	0.0	1	1.9	52	100.0
	All Sites	16671	69.1	3652	15.1	1913	7.9	1668	6.9	212	0.9	24116	100.0

**Table: TVM - 8(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Treatment Status at Reporting Institution (Excluding the Cancers Previously Treated)
1984 - 93 - Females
Thiruvananthapuram**

ICD-9	Site	Received		Not Received		Not Accepted		Incomplete		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	128	81.0	9	5.7	11	7.0	7	4.4	3	1.9	158	100.0
141	Tongue	584	75.6	65	8.4	58	7.5	61	7.9	4	0.5	772	100.0
142	Salivary Glands	41	80.4	4	7.8	2	3.9	4	7.8	0	0.0	51	100.0
143	Gum	329	74.8	24	5.5	40	9.1	47	10.7	0	0.0	440	100.0
144	Floor of Mouth	30	75.0	3	7.5	5	12.5	2	5.0	0	0.0	40	100.0
145	Other Mouth	1049	76.5	101	7.4	100	7.3	120	8.7	2	0.1	1372	100.0
146	Oropharynx	77	82.8	4	4.3	5	5.4	7	7.5	0	0.0	93	100.0
147	Nasopharynx	98	89.9	4	3.7	0	0.0	7	6.4	0	0.0	109	100.0
148	Hypopharynx	116	76.8	9	6.0	6	4.0	19	12.6	1	0.7	151	100.0
149	Pharynx Etc.	5	71.4	1	14.3	0	0.0	1	14.3	0	0.0	7	100.0
150	Oesophagus	300	72.3	53	12.8	33	8.0	27	6.5	2	0.5	415	100.0
151	Stomach	161	45.9	129	36.8	35	10.0	15	4.3	11	3.1	351	100.0
152	Small Intes.	9	64.3	3	21.4	1	7.1	1	7.1	0	0.0	14	100.0
153	Colon	96	70.6	23	16.9	7	5.1	9	6.6	1	0.7	136	100.0
154	Rectum	212	70.7	41	13.7	19	6.3	24	8.0	4	1.3	300	100.0
155	Liver	72	36.7	90	45.9	23	11.7	7	3.6	4	2.0	196	100.0
156	Gall Bladder	19	41.3	23	50.0	2	4.3	2	4.3	0	0.0	46	100.0
157	Pancreas	69	46.9	61	41.5	8	5.4	6	4.1	3	2.0	147	100.0
158	Retroperito.	29	65.9	8	18.2	1	2.3	6	13.6	0	0.0	44	100.0
159	Other Dig. Sys.	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0
160	Nasal Cavity	119	82.6	8	5.6	5	3.5	12	8.3	0	0.0	144	100.0
161	Larynx	65	77.4	6	7.1	7	8.3	4	4.8	2	2.4	84	100.0
162	Lung	153	53.3	85	29.6	31	10.8	13	4.5	5	1.7	287	100.0
163	Pleura	3	37.5	3	37.5	1	12.5	1	12.5	0	0.0	8	100.0
164	Thymus	4	57.1	0	0.0	2	28.6	1	14.3	0	0.0	7	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	109	71.7	24	15.8	12	7.9	7	4.6	0	0.0	152	100.0
171	Conn. Tiss.	126	80.3	12	7.6	6	3.8	13	8.3	0	0.0	157	100.0
172	Skin Melanoma	28	57.1	14	28.6	4	8.2	3	6.1	0	0.0	49	100.0
173	Skin Other	126	78.3	8	5.0	18	11.2	8	5.0	1	0.6	161	100.0
174	Breast Female	2049	85.8	63	2.6	108	4.5	165	6.9	4	0.2	2389	100.0
179	Uterus Nos.	14	77.8	3	16.7	1	5.6	0	0.0	0	0.0	18	100.0
180	Cervix	3654	80.1	230	5.0	263	5.8	403	8.8	11	0.2	4561	100.0
181	Placenta	30	88.2	3	8.8	1	2.9	0	0.0	0	0.0	34	100.0
182	Body Uterus	171	86.4	6	3.0	5	2.5	16	8.1	0	0.0	198	100.0
183	Ovary	544	75.1	54	7.5	46	6.4	78	10.8	2	0.3	724	100.0
184	Vagina	197	70.1	30	10.7	19	6.8	34	12.1	1	0.4	281	100.0
188	Uri. Bladder	38	64.4	12	20.3	7	11.9	2	3.4	0	0.0	59	100.0
189	Kidney	74	80.4	5	5.4	5	5.4	7	7.6	1	1.1	92	100.0
190	Eye	9	64.3	1	7.1	2	14.3	2	14.3	0	0.0	14	100.0
191	Brain	227	73.0	32	10.3	14	4.5	36	11.6	2	0.6	311	100.0
192	Nervous Sy.	10	66.7	1	6.7	1	6.7	3	20.0	0	0.0	15	100.0
193	Thyroid Gland	635	82.5	52	6.8	42	5.5	38	4.9	3	0.4	770	100.0
194	Oth. Endo. Glands	18	64.3	4	14.3	3	10.7	2	7.1	1	3.6	28	100.0
195	Ill Def. Site	6	31.6	6	31.6	3	15.8	3	15.8	1	5.3	19	100.0
196	Sec. Lymph Node	144	55.6	68	26.3	21	8.1	20	7.7	6	2.3	259	100.0
197	Sec. Res. Etc.	98	38.6	113	44.5	31	12.2	6	2.4	6	2.4	254	100.0
198	Sec. Other	190	63.1	60	19.9	27	9.0	20	6.6	4	1.3	301	100.0
199	Prim. Unknown	15	44.1	14	41.2	2	5.9	1	2.9	2	5.9	34	100.0
200	Lymphosarcoma	136	83.4	15	9.2	4	2.5	7	4.3	1	0.6	163	100.0
201	Hodgkin's Disease	86	88.7	2	2.1	3	3.1	4	4.1	2	2.1	97	100.0
202	Oth. Lymphoma	157	71.7	32	14.6	14	6.4	16	7.3	0	0.0	219	100.0
203	Mult. Myeloma	137	73.3	35	18.7	10	5.3	5	2.7	0	0.0	187	100.0
204	Leuk. Lymphatic	242	71.6	61	18.0	19	5.6	14	4.1	2	0.6	338	100.0
205	Leuk. Myelocytic	240	53.0	154	34.0	37	8.2	12	2.6	10	2.2	453	100.0
206	Leuk. Monocytic	0	0.0	2	50.0	1	25.0	1	25.0	0	0.0	4	100.0
207	Leuk. Misc.	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
208	Leuk. Unspecified	17	37.0	26	56.5	0	0.0	0	0.0	3	6.5	46	100.0
	All Sites	13297	74.9	1901	10.7	1131	6.4	1329	7.5	105	0.6	17763	100.0

**Table: TVM - 9(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease in the No Cancer Directed Treatment Group
1984 - 93 - Males
Thiruvananthapuram**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	11	31.4	23	65.7	0	0.0	0	0.0	1	2.9	35	100.0
141	Tongue	62	15.7	314	79.3	20	5.1	0	0.0	0	0.0	396	100.0
142	Salivary Glands	6	17.1	24	68.6	5	14.3	0	0.0	0	0.0	35	100.0
143	Gum	13	8.5	135	88.2	5	3.3	0	0.0	0	0.0	153	100.0
144	Floor of Mouth	9	13.4	51	76.1	7	10.4	0	0.0	0	0.0	67	100.0
145	Other Mouth	59	9.6	532	86.4	24	3.9	1	0.2	0	0.0	616	100.0
146	Oropharynx	3	1.7	162	92.6	10	5.7	0	0.0	0	0.0	175	100.0
147	Nasopharynx	0	0.0	35	76.1	11	23.9	0	0.0	0	0.0	46	100.0
148	Hypopharynx	14	8.8	134	84.3	11	6.9	0	0.0	0	0.0	159	100.0
149	Pharynx Etc.	1	10.0	9	90.0	0	0.0	0	0.0	0	0.0	10	100.0
150	Oesophagus	153	32.4	228	48.3	89	18.9	2	0.4	0	0.0	472	100.0
151	Stomach	81	12.5	288	44.6	275	42.6	0	0.0	2	0.3	646	100.0
152	Small Intes.	1	14.3	6	85.7	0	0.0	0	0.0	0	0.0	7	100.0
153	Colon	9	13.6	32	48.5	24	36.4	0	0.0	1	1.5	66	100.0
154	Rectum	31	24.2	69	53.9	28	21.9	0	0.0	0	0.0	128	100.0
155	Liver	114	23.8	152	31.8	205	42.9	2	0.4	5	1.0	478	100.0
156	Gall Bladder	3	17.6	10	58.8	4	23.5	0	0.0	0	0.0	17	100.0
157	Pancreas	26	13.1	91	45.7	80	40.2	1	0.5	1	0.5	199	100.0
158	Retroperito.	3	11.1	15	55.6	9	33.3	0	0.0	0	0.0	27	100.0
159	Other Dig. Sys.	0	0.0	0	0.0	3	100.0	0	0.0	0	0.0	3	100.0
160	Nasal Cavity	4	8.9	37	82.2	4	8.9	0	0.0	0	0.0	45	100.0
161	Larynx	43	16.9	201	78.8	9	3.5	0	0.0	2	0.8	255	100.0
162	Lung	200	19.3	303	29.2	529	51.0	3	0.3	2	0.2	1037	100.0
163	Pleura	3	25.0	3	25.0	6	50.0	0	0.0	0	0.0	12	100.0
164	Thymus	3	30.0	6	60.0	1	10.0	0	0.0	0	0.0	10	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	27	29.0	49	52.7	16	17.2	1	1.1	0	0.0	93	100.0
171	Conn. Tiss.	13	26.0	24	48.0	13	26.0	0	0.0	0	0.0	50	100.0
172	Skin Melanoma	1	4.8	11	52.4	9	42.9	0	0.0	0	0.0	21	100.0
173	Skin Other	25	25.8	65	67.0	7	7.2	0	0.0	0	0.0	97	100.0
175	Breast Male	0	0.0	6	85.7	1	14.3	0	0.0	0	0.0	7	100.0
185	Prostate	22	37.3	19	32.2	17	28.8	0	0.0	1	1.7	59	100.0
186	Testis	3	18.8	5	31.3	8	50.0	0	0.0	0	0.0	16	100.0
187	Penis Etc.	28	34.6	45	55.6	8	9.9	0	0.0	0	0.0	81	100.0
188	Uri. Bladder	31	37.8	40	48.8	10	12.2	0	0.0	1	1.2	82	100.0
189	Kidney	2	6.3	10	31.3	19	59.4	1	3.1	0	0.0	32	100.0
190	Eye	2	40.0	3	60.0	0	0.0	0	0.0	0	0.0	5	100.0
191	Brain	66	46.2	68	47.6	6	4.2	1	0.7	2	1.4	143	100.0
192	Nervous Sy.	1	33.3	1	33.3	1	33.3	0	0.0	0	0.0	3	100.0
193	Thyroid Gland	23	26.4	37	42.5	26	29.9	0	0.0	1	1.1	87	100.0
194	Oth. Endo. Glands	0	0.0	5	50.0	5	50.0	0	0.0	0	0.0	10	100.0
195	Ill Def. Site	2	14.3	6	42.9	6	42.9	0	0.0	0	0.0	14	100.0
196	Sec. Lymph Node	0	0.0	4	1.4	65	22.6	0	0.0	219	76.0	288	100.0
197	Sec. Res. Etc.	1	0.4	0	0.0	57	21.4	0	0.0	208	78.2	266	100.0
198	Sec. Other	0	0.0	1	0.6	36	20.8	1	0.6	135	78.0	173	100.0
199	Prim. Unknown	0	0.0	0	0.0	10	34.5	0	0.0	19	65.5	29	100.0
200	Lymphosarcoma	0	0.0	0	0.0	0	0.0	85	100.0	0	0.0	85	100.0
201	Hodgkin's Disease	0	0.0	0	0.0	0	0.0	41	100.0	0	0.0	41	100.0
202	Oth. Lymphoma	0	0.0	0	0.0	0	0.0	159	100.0	0	0.0	159	100.0
203	Mult. Myeloma	0	0.0	1	1.3	0	0.0	78	98.7	0	0.0	79	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	123	100.0	0	0.0	123	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	267	100.0	0	0.0	267	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	4	100.0	0	0.0	4	100.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	35	100.0	0	0.0	35	100.0
	All Sites	1099	14.8	3260	43.8	1679	22.6	807	10.8	600	8.1	7445	100.0

**Table: TVM - 9(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Clinical Extent of Disease in the No Cancer Directed Treatment Group
1984 - 93 - Females
Thiruvananthapuram**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	9	30.0	21	70.0	0	0.0	0	0.0	0	0.0	30	100.0
141	Tongue	39	20.7	136	72.3	13	6.9	0	0.0	0	0.0	188	100.0
142	Salivary Glands	2	20.0	5	50.0	3	30.0	0	0.0	0	0.0	10	100.0
143	Gum	6	5.4	102	91.9	3	2.7	0	0.0	0	0.0	111	100.0
144	Floor of Mouth	0	0.0	8	80.0	2	20.0	0	0.0	0	0.0	10	100.0
145	Other Mouth	36	11.1	269	83.3	16	5.0	0	0.0	2	0.6	323	100.0
146	Oropharynx	2	12.5	14	87.5	0	0.0	0	0.0	0	0.0	16	100.0
147	Nasopharynx	2	18.2	7	63.6	2	18.2	0	0.0	0	0.0	11	100.0
148	Hypopharynx	3	8.6	29	82.9	3	8.6	0	0.0	0	0.0	35	100.0
149	Pharynx Etc.	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0	2	100.0
150	Oesophagus	41	35.7	59	51.3	15	13.0	0	0.0	0	0.0	115	100.0
151	Stomach	21	11.1	88	46.3	79	41.6	0	0.0	2	1.1	190	100.0
152	Small Intes.	1	20.0	1	20.0	3	60.0	0	0.0	0	0.0	5	100.0
153	Colon	5	12.5	22	55.0	13	32.5	0	0.0	0	0.0	40	100.0
154	Rectum	20	22.7	44	50.0	24	27.3	0	0.0	0	0.0	88	100.0
155	Liver	32	25.8	44	35.5	48	38.7	0	0.0	0	0.0	124	100.0
156	Gall Bladder	5	18.5	17	63.0	5	18.5	0	0.0	0	0.0	27	100.0
157	Pancreas	10	12.8	36	46.2	32	41.0	0	0.0	0	0.0	78	100.0
158	Retroperito.	2	13.3	11	73.3	2	13.3	0	0.0	0	0.0	15	100.0
159	Other Dig. Sys.	1	50.0	0	0.0	1	50.0	0	0.0	0	0.0	2	100.0
160	Nasal Cavity	5	20.0	14	56.0	6	24.0	0	0.0	0	0.0	25	100.0
161	Larynx	3	15.8	15	78.9	1	5.3	0	0.0	0	0.0	19	100.0
162	Lung	22	16.4	38	28.4	74	55.2	0	0.0	0	0.0	134	100.0
163	Pleura	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0	5	100.0
164	Thymus	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0	3	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	15	34.9	22	51.2	6	14.0	0	0.0	0	0.0	43	100.0
171	Conn. Tiss.	10	32.3	15	48.4	6	19.4	0	0.0	0	0.0	31	100.0
172	Skin Melanoma	1	4.8	9	42.9	11	52.4	0	0.0	0	0.0	21	100.0
173	Skin Other	16	45.7	18	51.4	1	2.9	0	0.0	0	0.0	35	100.0
174	Breast Female	38	11.2	243	71.5	56	16.5	2	0.6	1	0.3	340	100.0
179	Uterus Nos.	1	25.0	2	50.0	1	25.0	0	0.0	0	0.0	4	100.0
180	Cervix	112	12.3	741	81.7	54	6.0	0	0.0	0	0.0	907	100.0
181	Placenta	1	25.0	1	25.0	2	50.0	0	0.0	0	0.0	4	100.0
182	Body Uterus	14	51.9	13	48.1	0	0.0	0	0.0	0	0.0	27	100.0
183	Ovary	23	12.8	86	47.8	68	37.8	1	0.6	2	1.1	180	100.0
184	Vagina	17	20.2	55	65.5	12	14.3	0	0.0	0	0.0	84	100.0
188	Uri. Bladder	9	42.9	8	38.1	4	19.0	0	0.0	0	0.0	21	100.0
189	Kidney	3	16.7	10	55.6	5	27.8	0	0.0	0	0.0	18	100.0
190	Eye	1	20.0	3	60.0	1	20.0	0	0.0	0	0.0	5	100.0
191	Brain	38	45.2	36	42.9	9	10.7	0	0.0	1	1.2	84	100.0
192	Nervous Sy.	3	60.0	2	40.0	0	0.0	0	0.0	0	0.0	5	100.0
193	Thyroid Gland	32	23.7	66	48.9	36	26.7	0	0.0	1	0.7	135	100.0
194	Oth. Endo. Glands	2	20.0	4	40.0	4	40.0	0	0.0	0	0.0	10	100.0
195	Ill Def. Site	2	15.4	5	38.5	6	46.2	0	0.0	0	0.0	13	100.0
196	Sec. Lymph Node	0	0.0	2	1.7	34	29.6	0	0.0	79	68.7	115	100.0
197	Sec. Res. Etc.	0	0.0	0	0.0	36	23.1	0	0.0	120	76.9	156	100.0
198	Sec. Other	0	0.0	0	0.0	29	26.1	0	0.0	82	73.9	111	100.0
199	Prim. Unknown	0	0.0	0	0.0	8	42.1	0	0.0	11	57.9	19	100.0
200	Lymphosarcoma	0	0.0	0	0.0	0	0.0	27	100.0	0	0.0	27	100.0
201	Hodgkin's Disease	0	0.0	0	0.0	0	0.0	11	100.0	0	0.0	11	100.0
202	Oth. Lymphoma	0	0.0	0	0.0	0	0.0	62	100.0	0	0.0	62	100.0
203	Mult. Myeloma	0	0.0	0	0.0	0	0.0	50	100.0	0	0.0	50	100.0
204	Leuk. Lymphatic	0	0.0	0	0.0	0	0.0	96	100.0	0	0.0	96	100.0
205	Leuk. Myelocytic	0	0.0	0	0.0	0	0.0	213	100.0	0	0.0	213	100.0
206	Leuk. Monocytic	0	0.0	0	0.0	0	0.0	4	100.0	0	0.0	4	100.0
207	Leuk. Misc.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
208	Leuk. Unspecified	0	0.0	0	0.0	0	0.0	29	100.0	0	0.0	29	100.0
	All Sites	606	13.6	2329	52.1	735	16.5	495	11.1	301	6.7	4466	100.0

**Table: TVM - 10(a): Proportion(%) of patients who received(Y) and not received(N) any Cancer Directed Treatment(CDT) according to Clinical Extent of Disease for each Site
1984 - 93 - Males
Thiruvananthapuram**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %
140	Lip	75.6	24.4	75.5	24.5	100.0	0.0	100.0	0.0	0.0	100.0	75.0	25.0
141	Tongue	81.3	18.7	76.6	23.4	52.4	47.6	100.0	0.0	100.0	0.0	76.9	23.1
142	Salivary Glands	76.0	24.0	61.3	38.7	54.5	45.5	100.0	0.0	100.0	0.0	64.3	35.7
143	Gum	72.3	27.7	75.7	24.3	61.5	38.5	100.0	0.0	100.0	0.0	75.2	24.8
144	Floor of Mouth	81.3	18.8	77.2	22.8	30.0	70.0	100.0	0.0	100.0	0.0	76.2	23.8
145	Other Mouth	83.5	16.5	74.6	25.4	55.6	44.4	50.0	50.0	100.0	0.0	75.4	24.6
146	Oropharynx	92.3	7.7	80.0	20.0	73.7	26.3	100.0	0.0	100.0	0.0	80.3	19.7
147	Nasopharynx	100.0	0.0	83.7	16.3	62.1	37.9	100.0	0.0	100.0	0.0	81.7	18.3
148	Hypopharynx	73.1	26.9	82.3	17.7	66.7	33.3	100.0	0.0	100.0	0.0	81.1	18.9
149	Pharynx Etc.	50.0	50.0	82.7	17.3	100.0	0.0	100.0	0.0	100.0	0.0	81.8	18.2
150	Oesophagus	68.3	31.7	70.8	29.2	60.6	39.4	0.0	100.0	100.0	0.0	68.4	31.6
151	Stomach	38.2	61.8	51.6	48.4	33.9	66.1	100.0	0.0	0.0	100.0	43.6	56.4
152	Small Intes.	80.0	20.0	60.0	40.0	100.0	0.0	100.0	0.0	100.0	0.0	72.0	28.0
153	Colon	80.4	19.6	80.0	20.0	45.5	54.5	100.0	0.0	0.0	100.0	73.7	26.3
154	Rectum	66.7	33.3	73.8	26.2	65.0	35.0	100.0	0.0	100.0	0.0	70.7	29.3
155	Liver	43.0	57.0	36.1	63.9	36.3	63.7	0.0	100.0	0.0	100.0	37.7	62.3
156	Gall Bladder	70.0	30.0	70.6	29.4	42.9	57.1	100.0	0.0	100.0	0.0	66.7	33.3
157	Pancreas	44.7	55.3	43.8	56.2	35.5	64.5	0.0	100.0	0.0	100.0	40.6	59.4
158	Retroperit.	40.0	60.0	68.1	31.9	50.0	50.0	100.0	0.0	100.0	0.0	61.4	38.6
159	Other Dig. Sys.	100.0	0.0	100.0	0.0	0.0	100.0	100.0	0.0	100.0	0.0	0.0	100.0
160	Nasal Cavity	88.6	11.4	80.8	19.2	78.9	21.1	100.0	0.0	100.0	0.0	81.8	18.2
161	Larynx	85.4	14.6	75.7	24.3	50.0	50.0	100.0	0.0	33.3	66.7	77.7	22.3
162	Lung	62.3	37.7	66.3	33.7	65.2	34.8	40.0	60.0	33.3	66.7	65.0	35.0
163	Pleura	50.0	50.0	25.0	75.0	33.3	66.7	100.0	0.0	100.0	0.0	36.8	63.2
164	Thymus	70.0	30.0	71.4	28.6	80.0	20.0	100.0	0.0	100.0	0.0	72.2	27.8
165	Other Resp.	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
170	Bone	68.2	31.8	66.9	33.1	59.0	41.0	0.0	100.0	100.0	0.0	66.2	33.8
171	Conn. Tiss.	80.3	19.7	80.2	19.8	61.8	38.2	100.0	0.0	100.0	0.0	77.5	22.5
172	Skin Melanoma	96.6	3.4	77.1	22.9	65.4	34.6	100.0	0.0	100.0	0.0	79.6	20.4
173	Skin Other	82.0	18.0	66.7	33.3	63.2	36.8	100.0	0.0	100.0	0.0	72.6	27.4
175	Breast Male	100.0	0.0	68.4	31.6	0.0	100.0	100.0	0.0	100.0	0.0	68.2	31.8
185	Prostate	87.1	12.9	88.8	11.2	75.0	25.0	100.0	0.0	66.7	33.3	85.7	14.3
186	Testis	80.0	20.0	80.8	19.2	68.0	32.0	100.0	0.0	100.0	0.0	75.8	24.2
187	Penis Etc.	71.7	28.3	71.0	29.0	52.9	47.1	100.0	0.0	100.0	0.0	70.1	29.9
188	Uri. Bladder	79.3	20.7	79.5	20.5	71.4	28.6	100.0	0.0	50.0	50.0	78.6	21.4
189	Kidney	94.9	5.1	85.1	14.9	53.7	46.3	0.0	100.0	100.0	0.0	78.4	21.6
190	Eye	80.0	20.0	82.4	17.6	100.0	0.0	100.0	0.0	100.0	0.0	83.9	16.1
191	Brain	72.7	27.3	77.9	22.1	73.9	26.1	50.0	50.0	33.3	66.7	75.2	24.8
192	Nervous Sy.	80.0	20.0	93.3	6.7	66.7	33.3	100.0	0.0	100.0	0.0	87.0	13.0
193	Thyroid Gland	81.6	18.4	80.6	19.4	48.0	52.0	100.0	0.0	0.0	100.0	76.3	23.7
194	Oth. Endo. Glands	100.0	0.0	77.3	22.7	72.2	27.8	100.0	0.0	100.0	0.0	80.0	20.0
195	Ill Def. Site	66.7	33.3	62.5	37.5	45.5	54.5	100.0	0.0	100.0	0.0	58.8	41.2
196	Sec. Lymph Node	100.0	0.0	60.0	40.0	72.1	27.9	100.0	0.0	50.6	49.4	58.0	42.0
197	Sec. Res. Etc.	50.0	50.0	100.0	0.0	36.7	63.3	100.0	0.0	23.8	76.2	27.1	72.9
198	Sec. Other	100.0	0.0	50.0	50.0	77.5	22.5	0.0	100.0	61.2	38.8	66.2	33.8
199	Prim. Unknown	100.0	0.0	100.0	0.0	54.5	45.5	100.0	0.0	32.1	67.9	42.0	58.0
200	Lymphosarcoma	100.0	0.0	100.0	0.0	100.0	0.0	80.1	19.9	100.0	0.0	80.1	19.9
201	Hodgkin's Disease	100.0	0.0	100.0	0.0	100.0	0.0	85.3	14.7	100.0	0.0	85.3	14.7
202	Oth. Lymphoma	100.0	0.0	100.0	0.0	100.0	0.0	72.5	27.5	100.0	0.0	72.8	27.2
203	Mult. Myeloma	100.0	0.0	0.0	100.0	100.0	0.0	75.4	24.6	100.0	0.0	75.2	24.8
204	Leuk. Lymphatic	100.0	0.0	100.0	0.0	100.0	0.0	78.7	21.3	100.0	0.0	78.7	21.3
205	Leuk. Myelocytic	100.0	0.0	100.0	0.0	100.0	0.0	50.6	49.4	100.0	0.0	50.6	49.4
206	Leuk. Monocytic	100.0	0.0	100.0	0.0	100.0	0.0	20.0	80.0	100.0	0.0	20.0	80.0
207	Leuk. Misc.	100.0	0.0	100.0	0.0	100.0	0.0	50.0	50.0	100.0	0.0	60.0	40.0
208	Leuk. Unspecified	100.0	0.0	100.0	0.0	100.0	0.0	32.7	67.3	100.0	0.0	32.7	67.3
	All Sites	72.8	27.2	73.2	26.8	57.7	42.3	71.3	28.7	46.5	53.5	69.1	30.9

**Table: TVM - 10(b): Proportion(%) of patients who received(Y) and not received(N) any Cancer Directed Treatment(CDT) according to Clinical Extent of Disease for each Site
1984 - 93 - Females
Thiruvananthapuram**

ICD-9	Site	Localised		Regional		Distant		Others		Unknown		Total	
		CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %	CDT-Y %	CDT-N %
140	Lip	82.7	17.3	80.0	20.0	100.0	0.0	100.0	0.0	100.0	0.0	81.0	19.0
141	Tongue	82.0	18.0	74.4	25.6	40.9	59.1	100.0	0.0	100.0	0.0	75.6	24.4
142	Salivary Glands	77.8	22.2	85.7	14.3	57.1	42.9	100.0	0.0	100.0	0.0	80.4	19.6
143	Gum	81.3	18.8	74.4	25.6	66.7	33.3	100.0	0.0	100.0	0.0	74.8	25.2
144	Floor of Mouth	100.0	0.0	77.1	22.9	0.0	100.0	100.0	0.0	100.0	0.0	75.0	25.0
145	Other Mouth	80.9	19.1	76.6	23.4	40.7	59.3	100.0	0.0	50.0	50.0	76.5	23.5
146	Oropharynx	81.8	18.2	82.7	17.3	100.0	0.0	100.0	0.0	100.0	0.0	82.8	17.2
147	Nasopharynx	75.0	25.0	91.9	8.1	86.7	13.3	100.0	0.0	100.0	0.0	89.9	10.1
148	Hypopharynx	81.3	18.8	77.5	22.5	40.0	60.0	100.0	0.0	100.0	0.0	76.8	23.2
149	Pharynx Etc.	0.0	100.0	83.3	16.7	100.0	0.0	100.0	0.0	100.0	0.0	71.4	28.6
150	Oesophagus	69.9	30.1	73.9	26.1	71.2	28.8	100.0	0.0	100.0	0.0	72.3	27.7
151	Stomach	32.3	67.7	55.6	44.4	34.2	65.8	100.0	0.0	0.0	100.0	45.9	54.1
152	Small Intes.	0.0	100.0	90.0	10.0	0.0	100.0	100.0	0.0	100.0	0.0	64.3	35.7
153	Colon	76.2	23.8	76.3	23.7	40.9	59.1	100.0	0.0	100.0	0.0	70.6	29.4
154	Rectum	74.0	26.0	74.3	25.7	53.8	46.2	100.0	0.0	100.0	0.0	70.7	29.3
155	Liver	40.7	59.3	31.3	68.8	38.5	61.5	100.0	0.0	100.0	0.0	36.7	63.3
156	Gall Bladder	37.5	62.5	41.4	58.6	44.4	55.6	100.0	0.0	100.0	0.0	41.3	58.7
157	Pancreas	41.2	58.8	54.4	45.6	37.3	62.7	100.0	0.0	100.0	0.0	46.9	53.1
158	Retroperit.	50.0	50.0	65.6	34.4	71.4	28.6	100.0	0.0	100.0	0.0	65.9	34.1
159	Other Dig. Sys.	0.0	100.0	100.0	0.0	0.0	100.0	100.0	0.0	100.0	0.0	0.0	100.0
160	Nasal Cavity	72.2	27.8	87.2	12.8	62.5	37.5	100.0	0.0	100.0	0.0	82.6	17.4
161	Larynx	86.4	13.6	75.0	25.0	50.0	50.0	100.0	0.0	100.0	0.0	77.4	22.6
162	Lung	51.1	48.9	58.7	41.3	50.7	49.3	100.0	0.0	100.0	0.0	53.3	46.7
163	Pleura	100.0	0.0	16.7	83.3	100.0	0.0	100.0	0.0	100.0	0.0	37.5	62.5
164	Thymus	100.0	0.0	60.0	40.0	50.0	50.0	100.0	0.0	100.0	0.0	57.1	42.9
165	Other Resp.	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
170	Bone	74.1	25.9	72.5	27.5	53.8	46.2	100.0	0.0	100.0	0.0	71.7	28.3
171	Conn. Tiss.	80.0	20.0	82.8	17.2	70.0	30.0	100.0	0.0	100.0	0.0	80.3	19.7
172	Skin Melanoma	90.0	10.0	57.1	42.9	38.9	61.1	100.0	0.0	100.0	0.0	57.1	42.9
173	Skin Other	80.0	20.0	75.3	24.7	80.0	20.0	100.0	0.0	100.0	0.0	78.3	21.7
174	Breast Female	91.4	8.6	85.7	14.3	76.7	23.3	66.7	33.3	50.0	50.0	85.8	14.2
179	Uterus Nos.	80.0	20.0	80.0	20.0	50.0	50.0	100.0	0.0	100.0	0.0	77.8	22.2
180	Cervix	82.5	17.5	80.4	19.6	63.0	37.0	100.0	0.0	100.0	0.0	80.1	19.9
181	Placenta	90.9	9.1	87.5	12.5	85.7	14.3	100.0	0.0	100.0	0.0	88.2	11.8
182	Body Uterus	81.6	18.4	89.1	10.9	100.0	0.0	100.0	0.0	100.0	0.0	86.4	13.6
183	Ovary	76.0	24.0	77.1	22.9	72.5	27.5	50.0	50.0	50.0	50.0	75.1	24.9
184	Vagina	67.9	32.1	72.8	27.2	52.0	48.0	100.0	0.0	100.0	0.0	70.1	29.9
188	Uri. Bladder	59.1	40.9	74.2	25.8	33.3	66.7	100.0	0.0	100.0	0.0	64.4	35.6
189	Kidney	89.3	10.7	80.8	19.2	58.3	41.7	100.0	0.0	100.0	0.0	80.4	19.6
190	Eye	50.0	50.0	66.7	33.3	66.7	33.3	100.0	0.0	100.0	0.0	64.3	35.7
191	Brain	67.8	32.2	79.8	20.2	35.7	64.3	100.0	0.0	0.0	100.0	73.0	27.0
192	Nervous Sy.	50.0	50.0	71.4	28.6	100.0	0.0	100.0	0.0	100.0	0.0	66.7	33.3
193	Thyroid Gland	90.6	9.4	80.0	20.0	62.5	37.5	100.0	0.0	50.0	50.0	82.5	17.5
194	Oth. Endo. Glands	66.7	33.3	71.4	28.6	42.9	57.1	100.0	0.0	100.0	0.0	64.3	35.7
195	Ill Def. Site	50.0	50.0	37.5	62.5	14.3	85.7	100.0	0.0	100.0	0.0	31.6	68.4
196	Sec. Lymph Node	100.0	0.0	60.0	40.0	63.0	37.0	100.0	0.0	51.2	48.8	55.6	44.4
197	Sec. Res. Etc.	100.0	0.0	100.0	0.0	41.0	59.0	100.0	0.0	37.8	62.2	38.6	61.4
198	Sec. Other	100.0	0.0	100.0	0.0	74.3	25.7	100.0	0.0	56.1	43.9	63.1	36.9
199	Prim. Unknown	100.0	0.0	100.0	0.0	55.6	44.4	100.0	0.0	31.3	68.8	44.1	55.9
200	Lymphosarcoma	100.0	0.0	100.0	0.0	100.0	0.0	83.4	16.6	100.0	0.0	83.4	16.6
201	Hodgkin's Disease	100.0	0.0	100.0	0.0	100.0	0.0	88.5	11.5	100.0	0.0	88.7	11.3
202	Oth. Lymphoma	100.0	0.0	100.0	0.0	100.0	0.0	71.7	28.3	100.0	0.0	71.7	28.3
203	Mult. Myeloma	100.0	0.0	100.0	0.0	100.0	0.0	73.3	26.7	100.0	0.0	73.3	26.7
204	Leuk. Lymphatic	100.0	0.0	100.0	0.0	100.0	0.0	71.6	28.4	100.0	0.0	71.6	28.4
205	Leuk. Myelocytic	100.0	0.0	100.0	0.0	100.0	0.0	53.0	47.0	100.0	0.0	53.0	47.0
206	Leuk. Monocytic	100.0	0.0	100.0	0.0	100.0	0.0	0.0	100.0	100.0	0.0	0.0	100.0
207	Leuk. Misc.	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0	100.0	0.0
208	Leuk. Unspecified	100.0	0.0	100.0	0.0	100.0	0.0	37.0	63.0	100.0	0.0	37.0	63.0
	All Sites	79.9	20.1	78.5	21.5	59.6	40.4	67.5	32.5	48.2	51.8	74.9	25.1