

POPULATION BASED CANCER REGISTRY, CHENNAI

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Registration area

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

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

Cancer care

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

Registry structure and methods

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

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

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

Interpreting the results & uses of data

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

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

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

Figure CHN-1

Population Pyramid showing Age Distribution: 2001-2003

Chennai

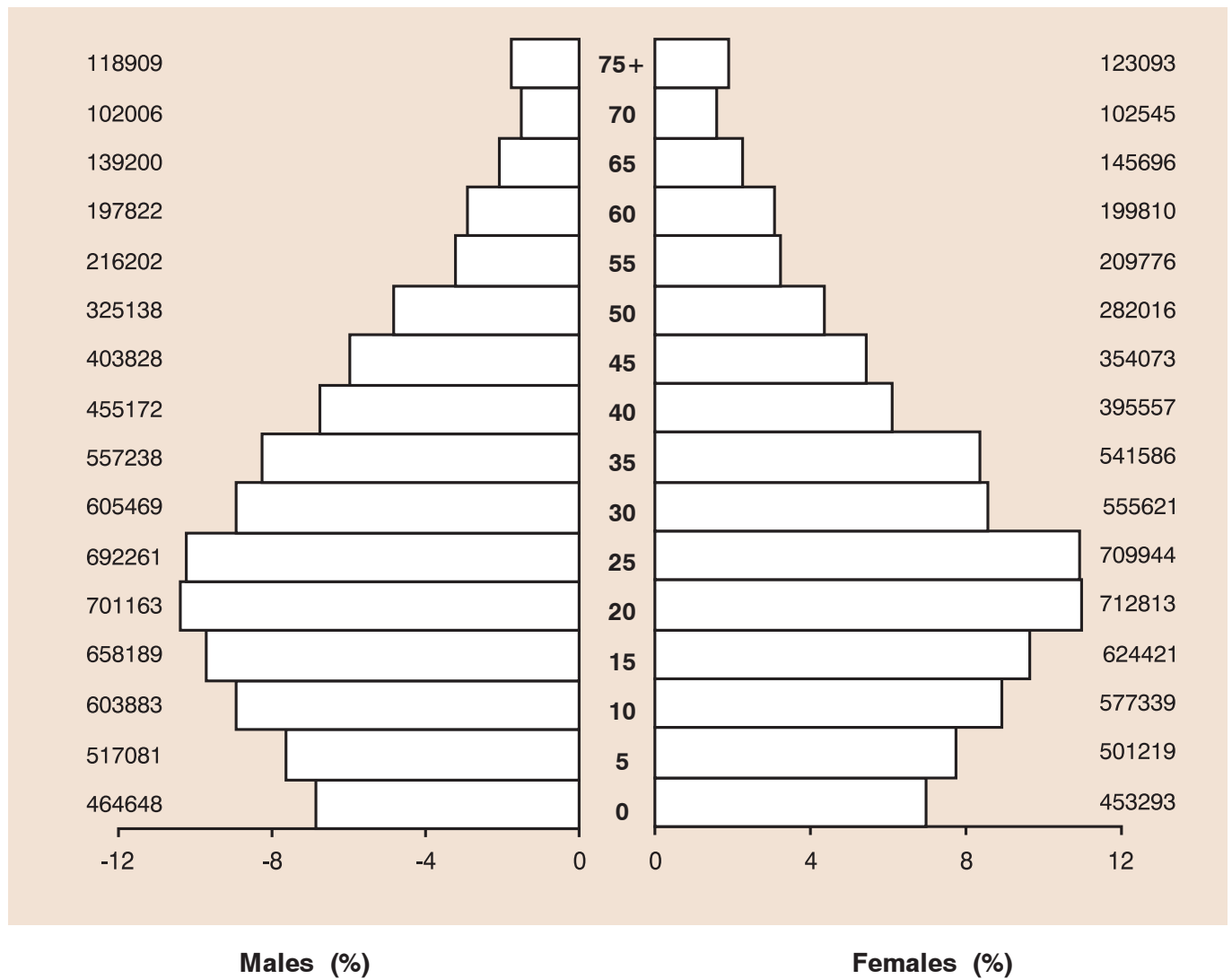


TABLE: CHN - 1

Population by Five Year Age Group and Gender: 2001-2003
Number and Relative Proportion (%)

Chennai

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

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

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

1. *Institutions listed have registered at least one percent of all cases in the registry for the combined years 2001-2003.*
2. *The numbers and proportion listed are the minimum number of cases. Institutions could have registered / reported more cases, since duplicate registrations and non-resident/registry cases are not included.*

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

% = Relative Proportion of Cancers of All Sites.

Chennai

ICD-10	Site	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	1	-	2	1	-	2	1	2	4	1	-	14	0.23
C01-02	Tongue	-	-	-	-	1	5	18	18	20	49	42	45	37	32	24	20	-	311	5
C03-06	Mouth	1	-	-	-	1	4	16	18	30	27	42	53	56	45	28	30	-	351	5.65
C07-8	Salivary Gland	-	-	2	2	2	4	3	1	3	2	3	2	4	2	2	2	-	34	0.55
C09	Tonsil	-	-	-	-	1	-	1	-	5	14	11	17	10	7	2	7	-	75	1.21
C10	Oth. Oropharynx	-	-	-	-	-	-	1	2	6	8	10	10	13	15	5	4	-	74	1.19
C11	Nasopharynx	-	-	-	5	3	3	-	1	1	7	11	3	5	6	-	3	-	48	0.77
C12-13	Hypopharynx	-	-	-	-	4	5	6	7	17	23	37	53	33	29	18	19	-	251	4.04
C14	Pharynx Unspecified	-	-	-	2	-	1	3	-	4	1	4	8	5	7	3	4	-	42	0.68
C15	Oesophagus	-	-	-	-	1	1	2	10	23	37	79	71	86	66	44	53	-	473	7.61
C16	Stomach	-	-	-	1	3	2	15	24	46	48	100	89	103	87	63	54	-	635	10.22
C17	Small Intestine	-	-	-	-	-	-	1	1	-	2	1	1	1	2	-	1	-	10	0.16
C18	Colon	-	-	-	1	1	4	3	11	6	15	14	13	23	14	10	17	-	132	2.12
C19-20	Rectum	-	-	-	2	8	8	9	9	8	10	21	14	22	26	14	35	-	186	2.99
C21	Anus & Anal Canal	-	-	-	-	-	1	-	1	6	5	7	4	4	1	4	2	-	35	0.56
C22	Liver	-	1	-	2	4	2	3	4	13	20	23	24	20	24	15	12	-	167	2.69
C23-24	Gallbladder etc.	-	-	-	-	-	-	2	5	7	7	11	8	11	8	6	7	-	72	1.16
C25	Pancreas	-	-	-	-	2	1	-	3	4	7	11	17	11	7	4	6	-	73	1.17
C30-31	Nose, Sinuses etc.	-	1	-	1	1	2	1	2	5	-	1	10	10	5	4	4	-	47	0.76
C32	Larynx	-	1	-	-	-	3	3	7	11	13	44	38	53	32	25	23	-	253	4.07
C33-34	Lung etc.	-	-	-	-	3	3	7	10	38	56	87	85	104	111	64	56	-	624	10.04
C37-38	Other Thoracic Organs	-	-	-	-	-	2	-	1	-	1	2	4	2	2	1	2	-	17	0.27
C40-41	Bone	-	2	13	12	3	5	4	3	5	5	9	1	1	2	1	4	-	70	1.13
C43	Melanoma of Skin	-	-	1	-	-	1	-	1	1	1	2	1	2	4	4	1	-	19	0.31
C44	Other Skin	-	-	-	-	1	1	7	5	1	6	6	5	11	4	11	5	-	63	1.01
C45	Mesothelioma	-	-	-	-	-	-	-	1	-	2	1	-	2	2	1	1	-	10	0.16
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	3	2	2	2	3	3	4	4	4	8	5	4	6	7	3	7	-	67	1.08
C50	Breast	-	-	-	-	1	2	-	1	2	3	7	3	5	5	5	3	-	37	0.6
C60	Penis	-	-	-	-	-	1	4	10	12	17	14	11	17	11	5	15	-	117	1.88
C61	Prostate	-	-	-	-	-	-	-	-	2	-	7	19	27	38	49	73	-	215	3.46
C62	Testis	1	1	3	2	3	6	6	7	8	4	4	4	-	3	1	2	-	55	0.89
C63	Other Male Genital	-	-	-	-	-	-	-	-	1	1	2	-	1	1	1	-	-	7	0.11
C64	Kidney etc.	8	3	-	-	3	1	3	2	6	7	12	7	6	7	6	5	-	76	1.22
C65	Renal Pelvis	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	2	0.03
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.02
C67	Bladder	-	-	-	-	-	1	4	4	4	5	13	15	27	29	21	43	-	166	2.67
C68	Uns. Urinary Organs	-	-	-	-	-	-	-	-	1	-	-	1	1	1	-	-	-	4	0.06
C69	Eye	9	-	1	-	1	-	-	1	-	2	2	1	-	1	-	-	-	18	0.29
C70-72	Brain, Nervous System	9	9	8	13	6	14	16	15	8	19	20	17	19	9	7	4	-	193	3.11
C73	Thyroid	-	-	-	1	3	7	7	4	12	4	10	4	10	8	5	4	-	79	1.27
C74	Adrenal Gland	3	1	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	7	0.11
C77	Sec Lymph Nodes	-	-	-	-	1	3	1	2	7	11	18	10	19	11	9	10	-	102	1.64
C78	Sec Resp & Digestive	-	-	-	1	-	2	5	2	5	11	17	13	13	15	10	13	-	107	1.72
C79	Sec Others	-	1	-	-	2	1	3	1	2	5	6	7	10	7	2	6	-	53	0.85
C81	Hodgkins Disease	3	19	11	8	8	7	3	5	4	7	6	5	2	-	1	2	-	91	1.46
C82-85,C96	NHL	6	11	8	10	17	22	13	12	12	20	24	29	19	23	18	20	-	264	4.25
C90	Multiple Myeloma	-	1	-	-	-	-	2	2	1	4	5	9	11	3	5	8	-	51	0.82
C91	Lymphoid Leuk.	24	28	20	4	4	6	7	4	5	1	6	7	5	1	6	1	-	129	2.08
C92-94	Myeloid Leukaemia	4	2	1	3	7	14	12	8	15	9	10	9	12	6	5	4	-	121	1.95
C95	Leukaemia Uns	2	3	1	2	4	2	3	2	2	2	1	3	4	2	1	3	-	37	0.6
O&U	Other and Uns	-	1	1	4	2	6	9	9	9	7	16	12	12	11	15	15	-	129	2.08
	All Sites	73	87	74	78	104	156	208	240	385	515	785	769	856	741	532	611	-	6214	100

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

% = Relative Proportion of Cancers of All Sites.

Chennai

ICD-10	Site	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	-	1	3	-	1	1	1	-	-	7	0.1
C01-02	Tongue	-	-	-	-	-	-	2	1	5	13	17	19	21	9	13	7	-	107	1.6
C03-06	Mouth	-	-	-	1	2	3	3	10	17	21	31	35	54	46	37	24	-	284	4.25
C07-8	Salivary Gland	-	-	-	1	-	6	4	1	4	-	2	-	4	2	-	1	-	25	0.37
C09	Tonsil	-	-	-	-	-	-	1	2	1	2	3	2	3	1	-	-	-	15	0.22
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	2	-	-	2	-	-	-	3	-	7	0.1
C11	Nasopharynx	-	1	-	-	1	2	-	-	2	2	3	3	3	-	-	-	-	17	0.25
C12-13	Hypopharynx	-	-	-	-	-	3	4	6	10	12	22	10	19	10	6	5	-	107	1.6
C14	Pharynx Unspecified	-	-	-	-	1	-	-	3	1	2	2	3	2	-	1	4	-	19	0.28
C15	Oesophagus	-	-	-	-	-	5	4	12	14	19	41	37	44	28	30	16	-	250	3.74
C16	Stomach	1	-	-	-	2	6	9	20	13	30	36	43	50	42	35	27	-	314	4.69
C17	Small Intestine	-	-	-	-	-	-	1	-	-	1	-	-	1	-	3	-	-	6	0.09
C18	Colon	-	-	-	-	1	1	3	4	8	12	13	8	11	12	9	9	-	91	1.36
C19-20	Rectum	-	-	-	1	3	6	2	15	5	17	14	11	17	13	11	15	-	130	1.94
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	1	2	2	4	1	5	4	6	-	25	0.37
C22	Liver	3	-	1	-	-	1	1	3	6	4	7	6	4	4	5	9	-	54	0.81
C23-24	Gallbladder etc.	-	-	-	1	-	-	2	4	5	6	6	9	9	5	5	6	-	58	0.87
C25	Pancreas	-	-	-	-	1	1	1	2	5	5	-	3	5	3	4	4	-	34	0.51
C30-31	Nose, Sinuses etc.	-	-	-	1	-	1	3	1	-	1	6	3	4	4	-	-	-	24	0.36
C32	Larynx	-	-	-	-	-	1	2	-	1	1	6	4	5	6	2	5	-	33	0.49
C33-34	Lung etc.	-	-	-	-	1	-	2	6	12	14	24	28	21	25	16	17	-	166	2.48
C37-38	Other Thoracic Organs	2	-	-	-	-	-	2	-	1	1	1	-	3	1	1	-	-	12	0.18
C40-41	Bone	-	4	6	14	4	4	5	5	3	-	5	3	4	2	-	4	-	63	0.94
C43	Melanoma of Skin	-	-	-	-	-	-	1	1	1	2	-	-	2	2	1	1	-	11	0.16
C44	Other Skin	-	-	-	-	1	4	2	5	1	7	6	4	10	3	4	7	-	54	0.81
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2	0.03
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	2	3	3	3	4	3	3	3	6	5	3	1	5	4	-	2	-	50	0.75
C50	Breast	-	-	-	2	4	41	93	158	216	253	256	219	186	138	98	80	-	1744	26.07
C51	Vulva	-	-	-	-	-	-	1	-	2	1	1	2	5	4	4	2	-	22	0.33
C52	Vagina	-	-	-	-	-	-	-	3	3	7	6	9	6	6	4	1	-	45	0.67
C53	Cervix Uteri	-	-	-	-	3	14	32	98	150	214	231	191	212	128	82	64	-	1419	21.21
C54	Corpus Uteri	-	-	-	-	3	1	5	3	9	9	18	24	14	20	10	5	-	121	1.81
C55	Uterus Unspecified	-	-	-	-	-	-	-	-	1	-	3	4	2	-	4	1	-	15	0.22
C56	Ovary etc.	1	1	2	9	5	12	14	17	38	42	50	47	48	25	16	15	-	342	5.11
C57	Other Female Genital	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	1	-	3	0.04
C58	Placenta	-	-	-	1	-	-	1	-	2	-	1	-	-	-	-	-	-	5	0.07
C64	Kidney etc.	4	4	1	-	1	-	1	6	1	4	5	7	4	5	3	-	-	46	0.69
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.01
C66	Ureter	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	3	0.04
C67	Bladder	1	-	-	-	-	-	1	-	3	4	5	5	7	9	12	6	-	53	0.79
C68	Uns. Urinary Organs	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	3	0.04
C69	Eye	7	2	-	-	-	-	-	1	-	1	-	1	-	-	1	-	-	13	0.19
C70-72	Brain, Nervous System	2	7	7	8	8	3	9	9	12	12	14	5	2	12	5	5	-	120	1.79
C73	Thyroid	-	-	-	3	11	22	8	14	20	16	12	14	12	8	10	4	-	154	2.3
C74	Adrenal Gland	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	0.1
C77	Sec Lymph Nodes	-	-	1	-	-	-	2	4	2	1	7	3	5	6	-	3	-	34	0.51
C78	Sec Resp & Digestive	-	-	-	-	1	1	7	4	4	3	10	9	11	4	7	6	-	67	1
C79	Sec Others	-	-	1	1	1	-	1	3	1	3	4	4	6	1	3	1	-	30	0.45
C81	Hodgkins Disease	2	4	2	5	6	5	3	5	3	3	2	3	4	2	-	2	-	51	0.76
C82-85,C96	NHL	1	5	3	5	6	11	4	12	5	10	12	8	15	9	10	10	-	126	1.88
C90	Multiple Myeloma	-	1	-	-	-	1	1	6	1	3	2	4	5	6	4	1	-	35	0.52
C91	Lymphoid Leuk.	18	12	11	8	2	5	1	2	-	3	1	-	2	1	2	-	-	68	1.02
C92-94	Myeloid Leukaemia	3	3	2	5	6	5	9	13	6	6	10	8	5	6	2	3	-	92	1.38
C95	Leukaemia Uns	2	-	1	-	2	1	2	-	2	2	-	1	2	3	-	1	-	19	0.28
O&U	Other and Uns	-	-	-	1	2	6	5	6	9	8	9	6	9	7	8	10	-	86	1.29
	All Sites	53	48	43	70	82	175	257	470	614	787	913	817	865	628	473	394	-	6689	100

TABLE: CHN-4(a):
Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) (with Standard Error(SE)) and
Truncated (35-64 yrs) (TR) Incidence Rate per 100,000 population: 2001-2003 - Males
Chennai

ICD-10	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	>75	CR	AAR	SE	TR
C00	-	-	-	-	-	-	0.2	-	0.4	0.2	-	0.9	0.5	1.4	3.9	0.8	0.2	0.2	0.07	0.3
C01-02	-	-	-	-	0.1	0.7	3.0	3.2	4.4	12.1	12.9	20.8	18.7	23.0	23.5	16.8	4.6	5.2	0.30	11.0
C03-06	0.2	-	-	-	0.1	0.6	2.6	3.2	6.6	6.7	12.9	24.5	28.3	32.3	27.4	25.2	5.2	6.0	0.33	12.1
C07-8	-	-	0.3	0.3	0.3	0.6	0.5	0.2	0.7	0.5	0.9	0.9	2.0	1.4	2.0	1.7	0.5	0.5	0.09	0.8
C09	-	-	-	-	0.1	-	0.2	-	1.1	3.5	3.4	7.9	5.1	5.0	2.0	5.9	1.1	1.3	0.15	3.1
C10	-	-	-	-	-	-	0.2	0.4	1.3	2.0	3.1	4.6	6.6	10.8	4.9	3.4	1.1	1.3	0.16	2.6
C11	-	-	-	0.8	0.4	0.4	-	0.2	0.2	1.7	3.4	1.4	2.5	4.3	-	2.5	0.7	0.8	0.11	1.5
C12-13	-	-	-	-	0.6	0.7	1.0	1.3	3.7	5.7	11.4	24.5	16.7	20.8	17.6	16.0	3.7	4.3	0.28	9.2
C14	-	-	-	0.3	-	0.1	0.5	-	0.9	0.2	1.2	3.7	2.5	5.0	2.9	3.4	0.6	0.7	0.11	1.2
C15	-	-	-	-	0.1	0.1	0.3	1.8	5.1	9.2	24.3	32.8	43.5	47.4	43.1	44.6	7.0	8.4	0.39	16.9
C16	-	-	-	0.2	0.4	0.3	2.5	4.3	10.1	11.9	30.8	41.2	52.1	62.5	61.8	45.4	9.4	11.1	0.45	22.1
C17	-	-	-	-	-	-	0.2	0.2	-	0.5	0.3	0.5	0.5	1.4	-	0.8	0.1	0.2	0.05	0.3
C18	-	-	-	0.2	0.1	0.6	0.5	2.0	1.3	3.7	4.3	6.0	11.6	10.1	9.8	14.3	2.0	2.2	0.20	4.3
C19-20	-	-	-	0.3	1.1	1.2	1.5	1.6	1.8	2.5	6.5	6.5	11.1	18.7	13.7	29.4	2.8	3.1	0.23	4.4
C21	-	-	-	-	-	0.1	-	0.2	1.3	1.2	2.2	1.9	2.0	0.7	3.9	1.7	0.5	0.6	0.10	1.4
C22	-	0.2	-	0.3	0.6	0.3	0.5	0.7	2.9	5.0	7.1	11.1	10.1	17.2	14.7	10.1	2.5	2.9	0.23	5.5
C23-24	-	-	-	-	-	-	0.3	0.9	1.5	1.7	3.4	3.7	5.6	5.7	5.9	5.9	1.1	1.2	0.15	2.5
C25	-	-	-	-	0.3	0.1	-	0.5	0.9	1.7	3.4	7.9	5.6	5.0	3.9	5.0	1.1	1.3	0.15	2.9
C30-31	-	0.2	-	0.2	0.1	0.3	0.2	0.4	1.1	-	0.3	4.6	5.1	3.6	3.9	3.4	0.7	0.8	0.12	1.6
C32	-	0.2	-	-	-	0.4	0.5	1.3	2.4	3.2	13.5	17.6	26.8	23.0	24.5	19.3	3.7	4.5	0.29	9.2
C33-34	-	-	-	-	0.4	0.4	1.2	1.8	8.3	13.9	26.8	39.3	52.6	79.7	62.7	47.1	9.2	11.2	0.45	20.8
C37-38	-	-	-	-	-	0.3	-	0.2	-	0.2	0.6	1.9	1.0	1.4	1.0	1.7	0.3	0.3	0.07	0.6
C40-41	-	0.4	2.2	1.8	0.4	0.7	0.7	0.5	1.1	1.2	2.8	0.5	0.5	1.4	1.0	3.4	1.0	1.0	0.12	1.1
C43	-	-	0.2	-	-	0.1	-	0.2	0.2	0.2	0.6	0.5	1.0	2.9	3.9	0.8	0.3	0.3	0.08	0.4
C44	-	-	-	-	0.1	0.1	1.2	0.9	0.2	1.5	1.8	2.3	5.6	2.9	10.8	4.2	0.9	1.0	0.13	1.8
C45	-	-	-	-	-	-	-	0.2	-	0.5	0.3	-	1.0	1.4	1.0	0.8	0.1	0.2	0.06	0.3
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	0.6	0.4	0.3	0.3	0.4	0.4	0.7	0.7	0.9	2.0	1.5	1.9	3.0	5.0	2.9	5.9	1.0	1.1	0.14	1.6
C50	-	-	-	-	0.1	0.3	-	0.2	0.4	0.7	2.2	1.4	2.5	3.6	4.9	2.5	0.5	0.6	0.11	1.1
C60	-	-	-	-	-	0.1	0.7	1.8	2.6	4.2	4.3	5.1	8.6	7.9	4.9	12.6	1.7	1.9	0.18	4.1
C61	-	-	-	-	-	-	-	-	0.4	-	2.2	8.8	13.6	27.3	48.0	61.4	3.2	4.0	0.28	3.3
C62	0.2	0.2	0.5	0.3	0.4	0.9	1.0	1.3	1.8	1.0	1.2	1.9	-	2.2	1.0	1.7	0.8	0.8	0.11	1.2
C63	-	-	-	-	-	-	-	-	0.2	0.2	0.6	-	0.5	0.7	1.0	-	0.1	0.1	0.05	0.3
C64	1.7	0.6	-	-	0.4	0.1	0.5	0.4	1.3	1.7	3.7	3.2	3.0	5.0	5.9	4.2	1.1	1.3	0.16	2.1
C65	-	-	-	-	-	-	-	-	0.2	0.2	-	-	-	-	-	-	0.0	0.0	0.02	0.1
C66	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-	0.0	0.0	0.02	0.1
C67	-	-	-	-	-	0.1	0.7	0.7	0.9	1.2	4.0	6.9	13.6	20.8	20.6	36.2	2.5	3.0	0.24	3.8
C68	-	-	-	-	-	-	-	-	0.2	-	-	0.5	0.5	0.7	-	-	0.1	0.1	0.04	0.2
C69	1.9	-	0.2	-	0.1	-	-	0.2	-	0.5	0.6	0.5	-	0.7	-	-	0.3	0.4	0.09	0.3
C70-72	1.9	1.7	1.3	2.0	0.9	2.0	2.6	2.7	1.8	4.7	6.2	7.9	9.6	6.5	6.9	3.4	2.9	3.0	0.23	5.0
C73	-	-	-	0.2	0.4	1.0	1.2	0.7	2.6	1.0	3.1	1.9	5.1	5.7	4.9	3.4	1.2	1.2	0.14	2.2
C74	0.6	0.2	0.3	-	-	-	-	-	-	-	0.3	-	-	-	-	-	0.1	0.1	0.06	0.0
C77	-	-	-	-	0.1	0.4	0.2	0.4	1.5	2.7	5.5	4.6	9.6	7.9	8.8	8.4	1.5	1.8	0.18	3.6
C78	-	-	-	0.2	-	0.3	0.8	0.4	1.1	2.7	5.2	6.0	6.6	10.8	9.8	10.9	1.6	1.8	0.18	3.3
C79	-	0.2	-	-	0.3	0.1	0.5	0.2	0.4	1.2	1.8	3.2	5.1	5.0	2.0	5.0	0.8	0.9	0.13	1.7
C81	0.6	3.7	1.8	1.2	1.1	1.0	0.5	0.9	0.9	1.7	1.8	2.3	1.0	-	1.0	1.7	1.3	1.4	0.15	1.4
C82-85,C96	1.3	2.1	1.3	1.5	2.4	3.2	2.1	2.2	2.6	5.0	7.4	13.4	9.6	16.5	17.6	16.8	3.9	4.3	0.27	6.0
C90	-	0.2	-	-	-	-	0.3	0.4	0.2	1.0	1.5	4.2	5.6	2.2	4.9	6.7	0.8	0.9	0.13	1.8
C91	5.2	5.4	3.3	0.6	0.6	0.9	1.2	0.7	1.1	0.2	1.8	3.2	2.5	0.7	5.9	0.8	1.9	2.3	0.21	1.4
C92-94	0.9	0.4	0.2	0.5	1.0	2.0	2.0	1.4	3.3	2.2	3.1	4.2	6.1	4.3	4.9	3.4	1.8	1.8	0.17	3.2
C95	0.4	0.6	0.2	0.3	0.6	0.3	0.5	0.4	0.4	0.5	0.3	1.4	2.0	1.4	1.0	2.5	0.5	0.6	0.10	0.7
O&U	-	0.2	0.2	0.6	0.3	0.9	1.5	1.6	2.0	1.7	4.9	5.6	6.1	7.9	14.7	12.6	1.9	2.1	0.19	3.3
All	15.7	16.8	12.3	11.9	14.8	22.5	34.4	43.1	84.6	127.5	241.4	355.7	432.7	532.3	521.5	513.8	91.9	106.4	1.37	190.1

TABLE: CHN-4(b):
Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) (with Standard Error(SE)) and
Truncated (35-64 yrs) (TR) Incidence Rate per 100,000 population: 2001-2003 - Females
Chennai

ICD-10	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	>75	CR	AAR	SE	TR	
C00	-	-	-	-	-	-	-	-	-	0.3	1.1	-	0.5	0.7	1.0	-	0.1	0.1	0.05	0.3	
C01-02	-	-	-	-	-	-	0.4	0.2	1.3	3.7	6.0	9.1	10.5	6.2	12.7	5.7	1.6	2.0	0.19	4.5	
C03-06	-	-	-	0.2	0.3	0.4	0.5	1.8	4.3	5.9	11.0	16.7	27.0	31.6	36.1	19.5	4.4	5.2	0.31	9.8	
C07-8	-	-	-	0.2	-	0.8	0.7	0.2	1.0	-	0.7	-	2.0	1.4	-	0.8	0.4	0.4	0.08	0.6	
C09	-	-	-	-	-	-	0.2	0.4	0.3	0.6	1.1	1.0	1.5	0.7	-	-	0.2	0.3	0.07	0.7	
C10	-	-	-	-	-	-	-	-	0.5	-	-	1.0	-	-	-	2.4	0.1	0.1	0.04	0.2	
C11	-	0.2	-	-	0.1	0.3	-	-	0.5	0.6	1.1	1.4	1.5	-	-	-	0.3	0.3	0.07	0.8	
C12-13	-	-	-	-	-	0.4	0.7	1.1	2.5	3.4	7.8	4.8	9.5	6.9	5.9	4.1	1.6	1.9	0.18	4.5	
C14	-	-	-	-	0.1	-	-	0.6	0.3	0.6	0.7	1.4	1.0	-	1.0	3.2	0.3	0.3	0.07	0.7	
C15	-	-	-	-	-	0.7	0.7	2.2	3.5	5.4	14.5	17.6	22.0	19.2	29.3	13.0	3.9	4.5	0.29	9.6	
C16	0.2	-	-	-	0.3	0.8	1.6	3.7	3.3	8.5	12.8	20.5	25.0	28.8	34.1	21.9	4.8	5.6	0.32	10.9	
C17	-	-	-	-	-	-	0.2	-	-	0.3	-	-	0.5	-	2.9	-	0.1	0.1	0.04	0.1	
C18	-	-	-	-	0.1	0.1	0.5	0.7	2.0	3.4	4.6	3.8	5.5	8.2	8.8	7.3	1.4	1.6	0.17	3.1	
C19-20	-	-	-	0.2	0.4	0.8	0.4	2.8	1.3	4.8	5.0	5.2	8.5	8.9	10.7	12.2	2.0	2.2	0.20	4.3	
C21	-	-	-	-	-	-	-	-	0.3	0.6	0.7	1.9	0.5	3.4	3.9	4.9	0.4	0.5	0.09	0.6	
C22	0.7	-	0.2	-	-	0.1	0.2	0.6	1.5	1.1	2.5	2.9	2.0	2.7	4.9	7.3	0.8	1.0	0.13	1.6	
C23-24	-	-	-	0.2	-	-	0.4	0.7	1.3	1.7	2.1	4.3	4.5	3.4	4.9	4.9	0.9	1.0	0.13	2.2	
C25	-	-	-	-	0.1	0.1	0.2	0.4	1.3	1.4	-	1.4	2.5	2.1	3.9	3.2	0.5	0.6	0.10	1.1	
C30-31	-	-	-	0.2	-	0.1	0.5	0.2	-	0.3	2.1	1.4	2.0	2.7	-	-	0.4	0.4	0.09	0.9	
C32	-	-	-	-	-	0.1	0.4	-	0.3	0.3	2.1	1.9	2.5	4.1	2.0	4.1	0.5	0.6	0.10	1.0	
C33-34	-	-	-	-	0.1	-	0.4	1.1	3.0	4.0	8.5	13.3	10.5	17.2	15.6	13.8	2.6	3.0	0.23	6.0	
C37-38	0.4	-	-	-	-	-	0.4	-	0.3	0.3	0.4	-	1.5	0.7	1.0	-	0.2	0.2	0.07	0.4	
C40-41	-	0.8	1.0	2.2	0.6	0.6	0.9	0.9	0.8	-	1.8	1.4	2.0	1.4	-	3.2	1.0	1.0	0.12	1.1	
C43	-	-	-	-	-	-	0.2	0.2	0.3	0.6	-	-	1.0	1.4	1.0	0.8	0.2	0.2	0.06	0.3	
C44	-	-	-	-	0.1	0.6	0.4	0.9	0.3	2.0	2.1	1.9	5.0	2.1	3.9	5.7	0.8	0.9	0.13	1.8	
C45	-	-	-	-	-	-	-	-	-	-	-	1.0	-	-	-	-	-	0.0	0.0	0.03	0.1
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	0.4	0.6	0.5	0.5	0.6	0.4	0.5	0.6	1.5	1.4	1.1	0.5	2.5	2.7	-	1.6	0.8	0.8	0.12	1.2	
C50	-	-	-	0.3	0.6	5.8	16.7	29.2	54.6	71.5	90.8	104.4	93.1	94.7	95.6	65.0	26.9	29.3	0.71	70.2	
C51	-	-	-	-	-	-	0.2	-	0.5	0.3	0.4	1.0	2.5	2.7	3.9	1.6	0.3	0.4	0.09	0.7	
C52	-	-	-	-	-	-	-	0.6	0.8	2.0	2.1	4.3	3.0	4.1	3.9	0.8	0.7	0.8	0.12	1.9	
C53	-	-	-	-	0.4	2.0	5.8	18.1	37.9	60.4	81.9	91.0	106.1	87.9	80.0	52.0	21.9	24.8	0.67	61.2	
C54	-	-	-	-	0.4	0.1	0.9	0.6	2.3	2.5	6.4	11.4	7.0	13.7	9.8	4.1	1.9	2.2	0.20	4.4	
C55	-	-	-	-	-	-	-	-	0.3	-	1.1	1.9	1.0	-	3.9	0.8	0.2	0.3	0.07	0.6	
C56	0.2	0.2	0.3	1.4	0.7	1.7	2.5	3.1	9.6	11.9	17.7	22.4	24.0	17.2	15.6	12.2	5.3	5.8	0.32	13.6	
C57	-	-	-	-	-	-	-	-	-	0.3	-	0.5	-	-	-	0.8	0.0	0.1	0.03	0.1	
C58	-	-	-	0.2	-	-	0.2	-	0.5	-	0.4	-	-	-	-	-	0.1	0.1	0.03	0.2	
C64	0.9	0.8	0.2	-	0.1	-	0.2	1.1	0.3	1.1	1.8	3.3	2.0	3.4	2.9	-	0.7	0.8	0.13	1.5	
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	0.0	0.0	0.02	-	
C66	-	-	-	-	-	-	-	0.4	-	-	-	0.5	-	-	-	-	0.0	0.0	0.02	0.1	
C67	0.2	-	-	-	-	-	0.2	-	0.8	1.1	1.8	2.4	3.5	6.2	11.7	4.9	0.8	1.0	0.14	1.4	
C68	-	-	-	-	-	-	-	-	-	0.3	0.4	0.5	-	-	-	-	0.0	0.1	0.03	0.2	
C69	1.5	0.4	-	-	-	-	-	0.2	-	0.3	-	0.5	-	-	1.0	-	0.2	0.3	0.08	0.2	
C70-72	0.4	1.4	1.2	1.3	1.1	0.4	1.6	1.7	3.0	3.4	5.0	2.4	1.0	8.2	4.9	4.1	1.8	1.9	0.18	2.8	
C73	-	-	-	0.5	1.5	3.1	1.4	2.6	5.1	4.5	4.3	6.7	6.0	5.5	9.8	3.2	2.4	2.4	0.20	4.7	
C74	0.9	0.2	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.2	0.06	-	
C77	-	-	0.2	-	-	-	0.4	0.7	0.5	0.3	2.5	1.4	2.5	4.1	-	2.4	0.5	0.6	0.10	1.2	
C78	-	-	-	-	0.1	0.1	1.3	0.7	1.0	0.8	3.5	4.3	5.5	2.7	6.8	4.9	1.0	1.1	0.14	2.3	
C79	-	-	0.2	0.2	0.1	-	0.2	0.6	0.3	0.8	1.4	1.9	3.0	0.7	2.9	0.8	0.5	0.5	0.10	1.2	
C81	0.4	0.8	0.3	0.8	0.8	0.7	0.5	0.9	0.8	0.8	0.7	1.4	2.0	1.4	-	1.6	0.8	0.8	0.11	1.0	
C82-85, C96	0.2	1.0	0.5	0.8	0.8	1.5	0.7	2.2	1.3	2.8	4.3	3.8	7.5	6.2	9.8	8.1	1.9	2.1	0.19	3.4	
C90	-	0.2	-	-	-	0.1	0.2	1.1	0.3	0.8	0.7	1.9	2.5	4.1	3.9	0.8	0.5	0.6	0.10	1.1	
C91	4.0	2.4	1.9	1.3	0.3	0.7	0.2	0.4	-	0.8	0.4	-	1.0	0.7	2.0	-	1.0	1.3	0.16	0.4	
C92-94	0.7	0.6	0.3	0.8	0.8	0.7	1.6	2.4	1.5	1.7	3.5	3.8	2.5	4.1	2.0	2.4	1.4	1.4	0.16	2.5	
C95	0.4	-	0.2	-	0.3	0.1	0.4	-	0.5	0.6	-	0.5	1.0	2.1	-	0.8	0.3	0.3	0.08	0.4	
O&U	-	-	-	0.2	0.3	0.8	0.9	1.1	2.3	2.3	3.2	2.9	4.5	4.8	7.8	8.1	1.3	1.4	0.16	2.6	
All	11.7	9.6	7.4	11.2	11.5	24.6	46.3	86.8	155.2	222.3	323.7	389.5	432.9	431.0	461.3	320.1	103.1	115.2	1.43	248.2	

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

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

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

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

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

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

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

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

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

% = Relative Proportion of Cancers of All Sites.

Chennai

ICD-10	Site	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	1	-	4	0.15
C01-02	Tongue	-	-	-	-	-	1	2	11	6	16	17	18	14	16	13	9	-	123	4.71
C03-06	Mouth	-	-	-	-	-	1	3	3	8	4	18	19	23	23	11	8	-	121	4.64
C07-8	Salivary Gland	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	3	0.11
C09	Tonsil	-	-	-	-	1	-	-	-	1	6	8	7	3	-	1	4	-	31	1.19
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	1	2	5	2	3	4	5	-	-	22	0.84
C11	Nasopharynx	-	-	-	-	-	2	1	-	-	3	1	1	4	3	-	2	-	17	0.65
C12-13	Hypopharynx	-	-	-	-	-	3	2	5	6	16	19	24	15	16	11	8	-	125	4.79
C14	Pharynx Unspecified	-	-	-	-	-	1	-	-	-	-	2	2	6	4	2	2	-	19	0.73
C15	Oesophagus	-	-	-	-	-	1	2	5	10	15	43	39	45	29	21	25	-	235	9
C16	Stomach	-	-	-	-	1	2	7	12	21	24	44	43	59	47	36	26	-	322	12.34
C17	Small Intestine	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	3	0.11
C18	Colon	-	-	-	1	-	2	-	2	4	4	3	6	4	3	6	10	-	45	1.72
C19-20	Rectum	-	-	-	1	2	1	2	-	2	3	6	6	3	6	1	15	-	48	1.84
C21	Anus & Anal Canal	-	-	-	-	-	-	-	1	1	1	-	1	-	1	1	-	-	6	0.23
C22	Liver	-	-	-	-	5	2	2	2	7	6	11	16	14	15	10	7	-	97	3.72
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	2	3	3	8	3	3	3	-	5	-	30	1.15
C25	Pancreas	-	-	-	-	1	-	-	3	2	6	8	8	5	2	-	2	-	37	1.42
C30-31	Nose, Sinuses etc.	-	-	-	1	-	-	-	-	-	1	-	1	3	-	4	-	-	10	0.38
C32	Larynx	-	-	-	-	1	-	2	1	6	7	17	20	18	16	11	10	-	109	4.18
C33-34	Lung etc.	-	-	-	-	3	1	3	3	12	27	50	47	57	48	42	29	-	322	12.34
C37-38	Other Thoracic Organs	-	-	-	-	-	-	-	1	-	1	1	1	-	-	1	1	-	6	0.23
C40-41	Bone	-	1	2	1	-	1	-	1	1	1	3	1	-	1	1	2	-	16	0.61
C43	Melanoma of Skin	-	-	-	-	-	1	-	-	-	1	1	-	-	-	-	-	-	3	0.11
C44	Other Skin	-	-	-	-	-	-	-	-	2	3	2	3	1	3	4	-	-	18	0.69
C45	Mesothelioma	-	-	-	-	-	-	-	1	-	-	-	-	1	1	-	1	-	4	0.15
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	-	-	-	-	-	2	1	-	2	2	-	1	3	-	-	2	-	13	0.5
C50	Breast	-	-	-	-	-	-	-	-	-	2	3	-	1	1	1	1	-	9	0.34
C60	Penis	-	-	-	-	-	1	1	-	3	1	4	2	3	2	-	3	-	20	0.77
C61	Prostate	-	-	-	-	-	-	-	-	-	-	3	7	14	13	18	50	-	105	4.02
C62	Testis	-	-	-	-	-	1	-	2	1	2	1	3	1	1	-	1	-	13	0.5
C63	Other Male Genital	-	-	-	-	-	-	-	-	1	-	1	-	-	-	1	-	-	3	0.11
C64	Kidney etc.	-	-	-	-	-	-	-	1	2	2	4	-	5	2	4	4	-	24	0.92
C65	Renal Pelvis	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	0.04
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	2	1	4	2	5	7	10	13	12	14	-	70	2.68
C68	Uns. Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	0.04
C70-72	Brain, Nervous System	-	2	2	3	3	1	2	2	6	9	10	10	7	5	2	1	-	65	2.49
C73	Thyroid	-	-	-	-	-	-	-	-	1	1	1	-	5	1	3	2	-	14	0.54
C74	Adrenal Gland	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	0.08
C77	Sec Lymph Nodes	-	-	-	-	-	-	-	-	1	1	1	-	3	1	1	1	-	9	0.34
C78	Sec Resp & Digestive	-	-	-	-	-	1	1	1	1	4	4	2	2	3	1	4	-	24	0.92
C79	Sec Others	-	-	-	-	1	-	1	-	-	-	1	1	-	-	-	-	-	4	0.15
C81	Hodgkins Disease	1	-	-	2	1	-	-	-	2	4	1	3	1	-	1	1	-	17	0.65
C82-85,C96	NHL	2	2	-	3	6	6	3	4	3	6	9	13	6	15	11	11	-	100	3.83
C90	Multiple Myeloma	-	1	-	-	-	-	1	2	2	2	2	4	4	2	1	4	-	25	0.96
C91	Lymphoid Leuk.	5	3	7	1	2	3	1	2	4	-	2	-	3	1	2	-	-	36	1.38
C92-94	Myeloid Leukaemia	2	1	1	2	2	5	3	2	7	4	5	8	8	5	3	4	-	62	2.38
C95	Leukaemia Uns	-	1	-	2	3	2	3	1	2	-	1	2	4	-	1	2	-	24	0.92
O&U	Other and Uns	1	-	-	1	-	7	4	8	9	16	30	23	26	23	19	26	-	193	7.39
	All Sites	12	11	12	18	33	48	49	79	145	209	357	357	388	331	262	299	-	2610	100

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

% = Relative Proportion of Cancers of All Sites.

Chennai

ICD-10	Site	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.05
C01-02	Tongue	-	-	-	-	-	-	-	-	1	3	6	5	5	5	4	1	-	30	1.43
C03-06	Mouth	-	-	-	-	2	1	-	2	3	8	10	10	14	6	10	6	-	72	3.42
C07-8	Salivary Gland	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	2	0.1
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	2	0.1
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	1	-	3	0.14
C11	Nasopharynx	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	2	0.1
C12-13	Hypopharynx	-	-	-	-	1	2	3	4	1	2	10	3	4	4	3	-	-	37	1.76
C14	Pharynx Unspecified	-	-	-	-	1	-	-	1	-	1	1	1	-	1	-	4	-	10	0.48
C15	Oesophagus	-	-	-	-	-	2	-	6	6	6	16	24	16	11	11	9	-	107	5.09
C16	Stomach	-	-	-	-	1	3	4	14	5	19	18	22	26	24	19	18	-	173	8.23
C17	Small Intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	1	-	3	6	1	2	4	8	5	7	-	37	1.76
C19-20	Rectum	-	-	-	-	1	3	-	3	1	6	2	5	7	2	2	9	-	41	1.95
C21	Anus & Anal Canal	-	-	-	-	-	-	-	1	-	-	1	-	1	-	3	2	-	8	0.38
C22	Liver	2	-	-	-	-	-	-	-	4	4	4	4	3	4	3	8	-	36	1.71
C23-24	Gallbladder etc.	-	-	-	-	-	-	2	2	2	3	3	2	5	2	4	2	-	27	1.28
C25	Pancreas	-	-	-	-	1	-	-	1	1	3	1	2	2	2	1	2	-	16	0.76
C30-31	Nose, Sinuses etc.	-	-	-	-	-	-	-	-	-	1	2	-	2	-	-	-	-	5	0.24
C32	Larynx	-	-	-	-	-	-	-	-	1	-	3	2	1	-	1	3	-	11	0.52
C33-34	Lung etc.	-	-	-	-	-	-	1	2	4	8	11	10	12	8	8	12	-	76	3.61
C37-38	Other Thoracic Organs	-	-	-	-	-	-	1	-	-	1	1	-	1	-	1	-	-	5	0.24
C40-41	Bone	-	-	2	1	-	-	-	-	-	-	-	1	-	1	-	1	-	6	0.29
C43	Melanoma of Skin	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	-	-	3	0.14
C44	Other Skin	-	-	-	-	-	-	-	1	-	1	-	-	2	1	1	2	-	8	0.38
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+ C49	Conn. & Soft Tissue	-	1	1	1	-	1	-	2	2	3	1	1	3	1	-	-	-	17	0.81
C50	Breast	-	-	-	1	-	12	9	27	45	66	53	58	52	32	30	29	-	414	19.69
C51	Vulva	-	-	-	-	-	-	-	-	1	-	-	-	1	2	2	1	-	7	0.33
C52	Vagina	-	-	-	-	-	-	-	1	-	2	2	2	3	3	1	1	-	15	0.71
C53	Cervix Uteri	-	-	-	-	1	1	10	29	35	59	66	60	68	35	35	23	-	422	20.07
C54	Corpus Uteri	-	-	-	-	-	1	1	-	1	1	5	7	4	5	2	3	-	30	1.43
C55	Uterus Unspecified	-	-	-	-	-	-	1	-	-	-	-	1	2	-	3	2	-	9	0.43
C56	Ovary etc.	-	-	-	1	-	2	2	6	11	15	12	16	14	14	13	8	-	114	5.42
C57	Other Female Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.05
C64	Kidney etc.	-	-	1	-	-	-	-	2	-	2	-	1	-	3	-	-	-	9	0.43
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	0.05
C67	Bladder	-	-	-	-	-	-	-	-	2	1	-	2	3	2	3	3	-	16	0.76
C68	Uns. Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.1
C70-72	Brain, Nervous System	-	3	1	2	4	2	-	5	3	1	2	2	-	4	2	2	-	33	1.57
C73	Thyroid	-	-	1	-	-	1	-	-	3	1	1	5	1	2	1	2	-	18	0.86
C74	Adrenal Gland	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	0.19
C77	Sec Lymph Nodes	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	1	-	4	0.19
C78	Sec Resp & Digestive	-	-	-	-	-	-	-	1	-	-	2	-	3	2	-	3	-	11	0.52
C79	Sec Others	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	0.1
C81	Hodgkins Disease	-	-	-	1	1	2	1	1	-	-	1	-	1	-	-	1	-	9	0.43
C82-85, C96	NHL	-	1	2	1	4	4	1	3	-	4	3	1	5	6	3	6	-	44	2.09
C90	Multiple Myeloma	-	1	-	-	-	-	-	2	-	-	1	2	-	3	1	-	-	10	0.48
C91	Lymphoid Leuk.	1	4	6	3	-	1	-	-	-	2	-	-	1	1	-	-	-	19	0.9
C92-94	Myeloid Leukaemia	2	-	3	4	2	2	3	6	6	4	7	5	3	3	1	1	-	52	2.47
C95	Leukaemia Uns	2	-	1	1	2	1	1	-	2	2	1	1	2	1	-	1	-	18	0.86
O&U	Other and Uns	-	-	-	1	1	5	3	6	8	10	12	13	16	7	9	13	-	104	4.95
	All Sites	11	11	20	18	23	46	45	130	153	245	264	270	290	206	183	188	-	2103	100

TABLE: CHN-8(a):
Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) (with Standard Error(SE)) and
Truncated (35-64 Yrs) (TR) Mortality Rate per 100,000 population: 2001-2003 - Males
Chennai

ICD-10	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	>75	CR	AAR	SE	TR
C00	-	-	-	-	-	-	-	-	-	0.2	-	0.5	-	0.7	-	0.8	0.1	0.1	0.04	0.1
C01-02	-	-	-	-	-	0.1	0.3	2.0	1.3	4.0	5.2	8.3	7.1	11.5	12.7	7.6	1.8	2.1	0.19	4.2
C03-06	-	-	-	-	-	0.1	0.5	0.5	1.8	1.0	5.5	8.8	11.6	16.5	10.8	6.7	1.8	2.2	0.20	4.2
C07-8	-	-	-	-	-	-	-	-	-	-	0.3	0.5	-	0.7	-	-	0.0	0.1	0.03	0.1
C09	-	-	-	-	0.1	-	-	-	0.2	1.5	2.5	3.2	1.5	-	1.0	3.4	0.5	0.5	0.09	1.3
C10	-	-	-	-	-	-	-	-	0.2	0.5	1.5	0.9	1.5	2.9	4.9	-	0.3	0.4	0.09	0.7
C11	-	-	-	-	-	0.3	0.2	-	-	0.7	0.3	0.5	2.0	2.2	-	1.7	0.3	0.3	0.07	0.5
C12-13	-	-	-	-	-	0.4	0.3	0.9	1.3	4.0	5.8	11.1	7.6	11.5	10.8	6.7	1.8	2.2	0.20	4.5
C14	-	-	-	-	-	0.1	-	-	-	-	0.6	0.9	3.0	2.9	2.0	1.7	0.3	0.4	0.08	0.6
C15	-	-	-	-	-	0.1	0.3	0.9	2.2	3.7	13.2	18.0	22.7	20.8	20.6	21.0	3.5	4.2	0.28	8.7
C16	-	-	-	-	0.1	0.3	1.2	2.2	4.6	5.9	13.5	19.9	29.8	33.8	35.3	21.9	4.8	5.7	0.32	11.1
C17	-	-	-	-	-	-	-	-	-	-	-	0.5	0.5	-	-	0.8	0.0	0.1	0.03	0.1
C18	-	-	-	0.2	-	0.3	-	0.4	0.9	1.0	0.9	2.8	2.0	2.2	5.9	8.4	0.7	0.8	0.11	1.2
C19-20	-	-	-	0.2	0.3	0.1	0.3	-	0.4	0.7	1.8	2.8	1.5	4.3	1.0	12.6	0.7	0.8	0.12	1.1
C21	-	-	-	-	-	-	-	0.2	0.2	0.2	-	0.5	-	0.7	1.0	-	0.1	0.1	0.04	0.2
C22	-	-	-	-	0.7	0.3	0.3	0.4	1.5	1.5	3.4	7.4	7.1	10.8	9.8	5.9	1.4	1.7	0.17	3.1
C23-24	-	-	-	-	-	-	-	0.4	0.7	0.7	2.5	1.4	1.5	2.2	-	4.2	0.4	0.5	0.09	1.1
C25	-	-	-	-	0.1	-	-	0.5	0.4	1.5	2.5	3.7	2.5	1.4	-	1.7	0.5	0.6	0.10	1.7
C30-31	-	-	-	0.2	-	-	-	-	-	0.2	-	0.5	1.5	-	3.9	-	0.1	0.2	0.06	0.3
C32	-	-	-	-	0.1	-	0.3	0.2	1.3	1.7	5.2	9.3	9.1	11.5	10.8	8.4	1.6	1.9	0.19	3.8
C33-34	-	-	-	-	0.4	0.1	0.5	0.5	2.6	6.7	15.4	21.7	28.8	34.5	41.2	24.4	4.8	5.8	0.33	10.9
C37-38	-	-	-	-	-	-	-	0.2	-	0.2	0.3	0.5	-	-	1.0	0.8	0.1	0.1	0.04	0.2
C40-41	-	0.2	0.3	0.2	-	0.1	-	0.2	0.2	0.2	0.9	0.5	-	0.7	1.0	1.7	0.2	0.3	0.06	0.3
C43	-	-	-	-	-	0.1	-	-	-	0.2	0.3	-	-	-	-	-	0.0	0.0	0.02	0.1
C44	-	-	-	-	-	-	-	-	0.4	0.7	0.6	1.4	0.5	2.2	3.9	-	0.3	0.3	0.08	0.6
C45	-	-	-	-	-	-	-	0.2	-	-	-	-	0.5	0.7	-	0.8	0.1	0.1	0.04	0.1
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	-	-	-	-	-	0.3	0.2	-	0.4	0.5	-	0.5	1.5	-	-	1.7	0.2	0.2	0.06	0.4
C50	-	-	-	-	-	-	-	-	-	0.5	0.9	-	0.5	0.7	1.0	0.8	0.1	0.2	0.05	0.3
C60	-	-	-	-	-	0.1	0.2	-	0.7	0.2	1.2	0.9	1.5	1.4	-	2.5	0.3	0.3	0.07	0.7
C61	-	-	-	-	-	-	-	-	-	-	0.9	3.2	7.1	9.3	17.6	42.0	1.6	1.9	0.19	1.5
C62	-	-	-	-	-	0.1	-	0.4	0.2	0.5	0.3	1.4	0.5	0.7	-	0.8	0.2	0.2	0.06	0.5
C63	-	-	-	-	-	-	-	-	0.2	-	0.3	-	-	-	1.0	-	0.0	0.0	0.03	0.1
C64	-	-	-	-	-	-	-	0.2	0.4	0.5	1.2	-	2.5	1.4	3.9	3.4	0.4	0.4	0.09	0.7
C65	-	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	0.0	0.0	0.01	0.0
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	0.3	0.2	0.9	0.5	1.5	3.2	5.1	9.3	11.8	11.8	1.0	1.3	0.15	1.6
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.01	-
C70-72	-	0.4	0.3	0.5	0.4	0.1	0.3	0.4	1.3	2.2	3.1	4.6	3.5	3.6	2.0	0.8	1.0	1.1	0.13	2.3
C73	-	-	-	-	-	-	-	-	0.2	0.2	0.3	-	2.5	0.7	2.9	1.7	0.2	0.3	0.07	0.5
C74	0.2	-	-	-	-	-	-	-	-	-	0.3	-	-	-	-	-	0.0	0.0	0.03	0.0
C77	-	-	-	-	-	-	-	-	0.2	0.2	0.3	-	1.5	0.7	1.0	0.8	0.1	0.2	0.05	0.3
C78	-	-	-	-	-	0.1	0.2	0.2	0.2	1.0	1.2	0.9	1.0	2.2	1.0	3.4	0.4	0.4	0.08	0.7
C79	-	-	-	-	0.1	-	0.2	-	-	-	0.3	0.5	-	-	-	-	0.1	0.1	0.03	0.1
C81	0.2	-	-	0.3	0.1	-	-	-	0.4	1.0	0.3	1.4	0.5	-	1.0	0.8	0.3	0.3	0.07	0.6
C82-85,C96	0.4	0.4	-	0.5	0.9	0.9	0.5	0.7	0.7	1.5	2.8	6.0	3.0	10.8	10.8	9.3	1.5	1.7	0.17	2.2
C90	-	0.2	-	-	-	-	0.2	0.4	0.4	0.5	0.6	1.9	2.0	1.4	1.0	3.4	0.4	0.4	0.09	0.8
C91	1.1	0.6	1.2	0.2	0.3	0.4	0.2	0.4	0.9	-	0.6	-	1.5	0.7	2.0	-	0.5	0.6	0.10	0.5
C92-94	0.4	0.2	0.2	0.3	0.3	0.7	0.5	0.4	1.5	1.0	1.5	3.7	4.0	3.6	2.9	3.4	0.9	1.0	0.13	1.8
C95	-	0.2	-	0.3	0.4	0.3	0.5	0.2	0.4	-	0.3	0.9	2.0	-	1.0	1.7	0.4	0.4	0.08	0.5
O&U	0.2	-	-	0.2	-	1.0	0.7	1.4	2.0	4.0	9.2	10.6	13.1	16.5	18.6	21.9	2.9	3.3	0.24	6.0
All	2.6	2.1	2.0	2.7	4.7	6.9	8.1	14.2	31.9	51.8	109.8	165.1	196.1	237.8	256.8	251.5	38.6	45.5	0.90	83.3

TABLE: CHN-8(b):
Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) (with Standard Error(SE)) and
Truncated (35-64 Yrs) (TR) Mortality Rate per 100,000 population: 2001-2003 - Females
Chennai

ICD-10	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	>75	CR	AAR	SE	TR
C00	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-	0.0	0.0	0.02	0.1
C01-02	-	-	-	-	-	-	-	-	0.3	0.8	2.1	2.4	2.5	3.4	3.9	0.8	0.5	0.6	0.10	1.2
C03-06	-	-	-	-	0.3	0.1	-	0.4	0.8	2.3	3.5	4.8	7.0	4.1	9.8	4.9	1.1	1.3	0.15	2.7
C07-8	-	-	-	-	-	-	-	-	-	-	0.4	-	-	-	-	0.8	0.0	0.0	0.02	0.1
C09	-	-	-	-	-	-	-	-	-	-	0.4	-	0.5	-	-	-	0.0	0.0	0.03	0.1
C10	-	-	-	-	-	-	-	-	0.5	-	-	-	-	-	-	0.8	0.0	0.0	0.03	0.1
C11	-	-	-	0.2	-	-	-	-	-	-	-	-	0.5	-	-	-	0.0	0.0	0.02	0.1
C12-13	-	-	-	-	0.1	0.3	0.5	0.7	0.3	0.6	3.5	1.4	2.0	2.7	2.9	-	0.6	0.6	0.10	1.3
C14	-	-	-	-	0.1	-	-	0.2	-	0.3	0.4	0.5	-	0.7	-	3.2	0.2	0.2	0.05	0.2
C15	-	-	-	-	-	0.3	-	1.1	1.5	1.7	5.7	11.4	8.0	7.5	10.7	7.3	1.6	1.9	0.19	4.3
C16	-	-	-	-	0.1	0.4	0.7	2.6	1.3	5.4	6.4	10.5	13.0	16.5	18.5	14.6	2.7	3.1	0.24	5.8
C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	-	-	-	-	-	-	0.2	-	0.8	1.7	0.4	1.0	2.0	5.5	4.9	5.7	0.6	0.7	0.11	0.9
C19-20	-	-	-	-	0.1	0.4	-	0.6	0.3	1.7	0.7	2.4	3.5	1.4	2.0	7.3	0.6	0.7	0.11	1.4
C21	-	-	-	-	-	-	-	0.2	-	-	0.4	-	0.5	-	2.9	1.6	0.1	0.1	0.05	0.2
C22	0.4	-	-	-	-	-	-	-	1.0	1.1	1.4	1.9	1.5	2.7	2.9	6.5	0.6	0.7	0.11	1.1
C23-24	-	-	-	-	-	-	0.4	0.4	0.5	0.8	1.1	1.0	2.5	1.4	3.9	1.6	0.4	0.5	0.09	1.0
C25	-	-	-	-	0.1	-	-	0.2	0.3	0.8	0.4	1.0	1.0	1.4	1.0	1.6	0.2	0.3	0.07	0.6
C30-31	-	-	-	-	-	-	-	-	-	0.3	0.7	-	1.0	-	-	-	0.1	0.1	0.04	0.3
C32	-	-	-	-	-	-	-	-	0.3	-	1.1	1.0	0.5	-	1.0	2.4	0.2	0.2	0.06	0.4
C33-34	-	-	-	-	-	-	0.2	0.4	1.0	2.3	3.9	4.8	6.0	5.5	7.8	9.7	1.2	1.4	0.16	2.7
C37-38	-	-	-	-	-	-	0.2	-	-	0.3	0.4	-	0.5	-	1.0	-	0.1	0.1	0.04	0.2
C40-41	-	-	0.3	0.2	-	-	-	-	-	-	-	0.5	-	0.7	-	0.8	0.1	0.1	0.04	0.1
C43	-	-	-	-	-	-	0.2	0.2	-	-	-	-	-	-	1.0	-	0.0	0.0	0.02	0.0
C44	-	-	-	-	-	-	-	0.2	-	0.3	-	-	1.0	0.7	1.0	1.6	0.1	0.1	0.05	0.2
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47 + C49	-	0.2	0.2	0.2	-	0.1	-	0.4	0.5	0.8	0.4	0.5	1.5	0.7	-	-	0.3	0.3	0.07	0.6
C50	-	-	-	0.2	-	1.7	1.6	5.0	11.4	18.6	18.8	27.6	26.0	22.0	29.3	23.6	6.4	7.1	0.36	16.7
C51	-	-	-	-	-	-	-	-	0.3	-	-	-	0.5	1.4	2.0	0.8	0.1	0.1	0.05	0.1
C52	-	-	-	-	-	-	-	0.2	-	0.6	0.7	1.0	1.5	2.1	1.0	0.8	0.2	0.3	0.07	0.6
C53	-	-	-	-	0.1	0.1	1.8	5.4	8.8	16.7	23.4	28.6	34.0	24.0	34.1	18.7	6.5	7.4	0.37	17.8
C54	-	-	-	-	-	0.1	0.2	-	0.3	0.3	1.8	3.3	2.0	3.4	2.0	2.4	0.5	0.5	0.10	1.1
C55	-	-	-	-	-	-	0.2	-	-	-	-	0.5	1.0	-	2.9	1.6	0.1	0.2	0.05	0.2
C56	-	-	-	0.2	-	0.3	0.4	1.1	2.8	4.2	4.3	7.6	7.0	9.6	12.7	6.5	1.8	2.0	0.19	4.1
C57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	-	-	-	-	-	-	-	-	-	-	0.4	-	-	-	-	-	0.0	0.0	0.02	0.1
C64	-	-	0.2	-	-	-	-	0.4	-	0.6	-	0.5	-	2.1	-	-	0.1	0.2	0.05	0.2
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-	0.0	0.0	0.01	0.0
C67	-	-	-	-	-	-	-	-	0.5	0.3	-	1.0	1.5	1.4	2.9	2.4	0.2	0.3	0.07	0.5
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.1	0.04	-
C70-72	-	0.6	0.2	0.3	0.6	0.3	-	0.9	0.8	0.3	0.7	1.0	-	2.7	2.0	1.6	0.5	0.5	0.09	0.6
C73	-	-	0.2	-	-	0.1	-	-	0.8	0.3	0.4	2.4	0.5	1.4	1.0	1.6	0.3	0.3	0.08	0.6
C74	0.4	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.05	-
C77	-	-	-	-	-	-	-	-	-	-	0.7	-	-	0.7	-	0.8	0.1	0.1	0.04	0.1
C78	-	-	-	-	-	-	-	0.2	-	-	0.7	-	1.5	1.4	-	2.4	0.2	0.2	0.06	0.3
C79	-	-	0.2	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.02	-
C81	-	-	-	0.2	0.1	0.3	0.2	0.2	-	-	0.4	-	0.5	-	-	0.8	0.1	0.1	0.04	0.2
C82-85,C96	-	0.2	0.3	0.2	0.6	0.6	0.2	0.6	-	1.1	1.1	0.5	2.5	4.1	2.9	4.9	0.7	0.7	0.11	0.9
C90	-	0.2	-	-	-	-	-	0.4	-	-	0.4	1.0	-	2.1	1.0	-	0.2	0.2	0.06	0.3
C91	0.2	0.8	1.0	0.5	-	0.1	-	-	-	0.6	-	-	0.5	0.7	-	-	0.3	0.3	0.08	0.2
C92-94	0.4	-	0.5	0.6	0.3	0.3	0.5	1.1	1.5	1.1	2.5	2.4	1.5	2.1	1.0	0.8	0.8	0.8	0.12	1.6
C95	0.4	-	0.2	0.3	0.3	0.1	0.2	-	0.5	0.6	0.4	0.5	1.0	0.7	-	0.8	0.3	0.3	0.07	0.5
O&U	-	-	-	0.2	0.1	0.7	0.5	1.1	2.0	2.8	4.3	6.2	8.0	4.8	8.8	10.6	1.6	1.8	0.18	3.7
All	2.4	2.2	3.5	2.9	3.2	6.5	8.1	24.0	38.7	69.2	93.6	128.7	145.1	141.4	178.5	152.7	32.4	36.8	0.81	76.0

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

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

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

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