

RATNAGIRI – POPULATION BASED CANCER REGISTRY REPORT

INTRODUCTION

Tata Memorial Hospital(TMh), Mumbai, India, was established in the year 1941. It is a comprehensive centre for diagnosis, treatment, research and education in cancer. Tata Memorial Outreach Programme was started in the Ratnagiri district with the collaboration of BKL Walawalkar Hospital, Dervan in August 2003. The screening program was primarily to screen for detection of head and neck, breast and cervix cancers. Since this screening was an ongoing service oriented activity, it was necessary to follow-up the cases. Thus under these circumstances, it was proposed and initiated to set up the population based cancer registry in the Ratnagiri district. Also, due to the fact that there was no cancer statistics available from the Ratnagiri district. Therefore, establishing a cancer registry was essential.



RATNAGIRI-

Background

Ratnagiri district is one of the 35 districts of Maharashtra state in Western India. Ratnagiri city is the district headquarter of the district. The district is 11.33% urban. The district is bounded by the Arabian sea to the west, Sindhudurg district to the south, Raigad district to the north and Satara, Sangli and Kolhapur districts to the east. This district is part of Konkan division. The district is in the Konkan region of Maharashtra. Ratnagiri district was organized in 1832.

In 1948 the independent princely state of Sawantwadi was merged with the Indian union and in 1956 with Bombay Province, thus becoming part of Ratnagiri district. In 1960 with the creation of Maharashtra, Ratnagiri became a district of that state. In 1981 Ratnagiri district was bifurcated and the new district of Sindhudurg was created. Ratnagiri has nine

tehsils / talukas and eight towns.

Geography

Ratnagiri district is one of the six districts of the Konkan region of Maharashtra state. It is situated at latitude 17°N and longitude 73°19'E. The chief rivers in Ratnagiri district are the Shastri, Bor, Muchkundi, Kajali, Savitri and Vashishti river.

Divisions

There are nine talukas within the Ratnagiri district: Mandangad, Dapoli, Khed, Chiplun, Guhagar, Sangameshwar, Ratnagiri, Lanja and Rajapur. The terrains are very steep and not easily accessible.

Population

Ratnagiri district is one of the important districts in Maharashtra. According to the Census data, Ratnagiri population is 16,15,069 in which 761121 are male and 853948 are females in 2011. This shows the female predominance, giving male-female ratio as 0.89 which is different than what is seen in other parts of the country.

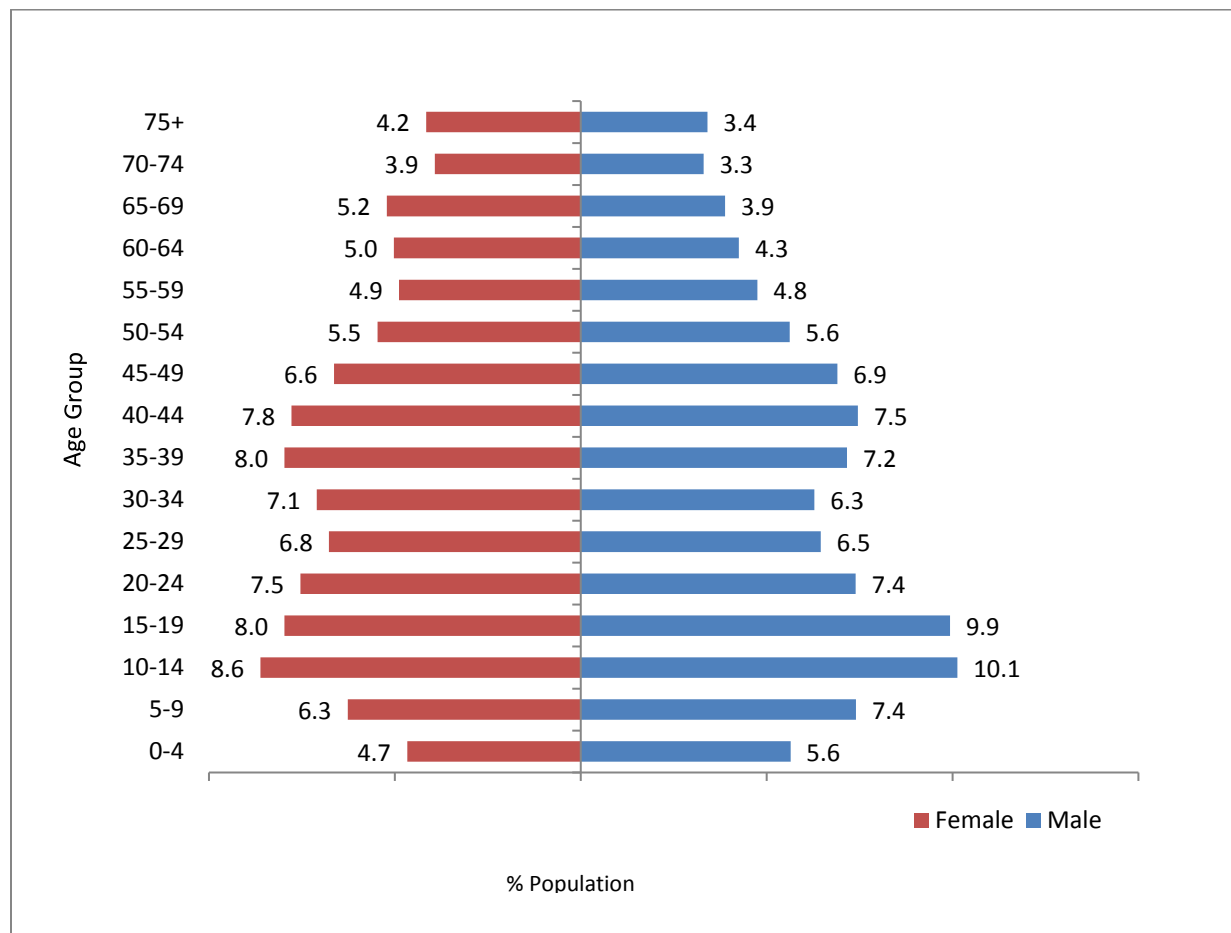
Population estimates

The population is estimated using the 2001 and 2011 Census India and The estimated population distribution by age-group and sex for the year 2015-16 is shown in table1(a). It is computed using exponential growth rate between census population of 2001 & 2011.

Table 1(a): Estimated Population Distribution for the year 2015-16 on Age Group and Gender based on 2001 and 2011 Census population- Ratnagiri District

age-group	Male		Female		Total	
	Nos.	%	Nos.	%	Nos.	%
0-4	42070	5.6	38819	4.7	80889	5.1
5-9	55191	7.4	52085	6.3	107276	6.8
10-14	75519	10.1	71616	8.6	147135	9.3
15-19	74059	9.9	66293	8.0	140352	8.9
20-24	55152	7.4	62728	7.5	117880	7.5
25-29	48156	6.5	56297	6.8	104453	6.6
30-34	46870	6.3	59051	7.1	105921	6.7
35-39	53372	7.2	66293	8.0	119665	7.6
40-44	55602	7.5	64667	7.8	120269	7.6
45-49	51461	6.9	55216	6.6	106677	6.8
50-54	41917	5.6	45444	5.5	87361	5.5
55-59	35433	4.8	40645	4.9	76078	4.8
60-64	31730	4.3	41811	5.0	73541	4.7
65-69	28922	3.9	43358	5.2	72280	4.6
70-74	24666	3.3	32648	3.9	57314	3.6
75+	25382	3.4	34568	4.2	59950	3.8
all ages	745502	100.0	831539	100.0	1577041	100.0

Figure 1: Percentage Distribution of estimated population by age and Gender : Ratnagiri 2015-16



Registry's Specific Objectives

- Generating reliable data on the magnitude and patterns of cancer – this would be based on Morbidity and Mortality information according to age, sex and residence of the patient, anatomical site of cancer etc.
- Undertaking epidemiologic research, such as case control or cohort studies based on observations of registry data;
- Providing database for developing appropriate strategies to aid in District Cancer Control Programme; this would be in the form of planning, monitoring and evaluation of activities under this programme
- Developing human resource in Cancer registration and Epidemiology.

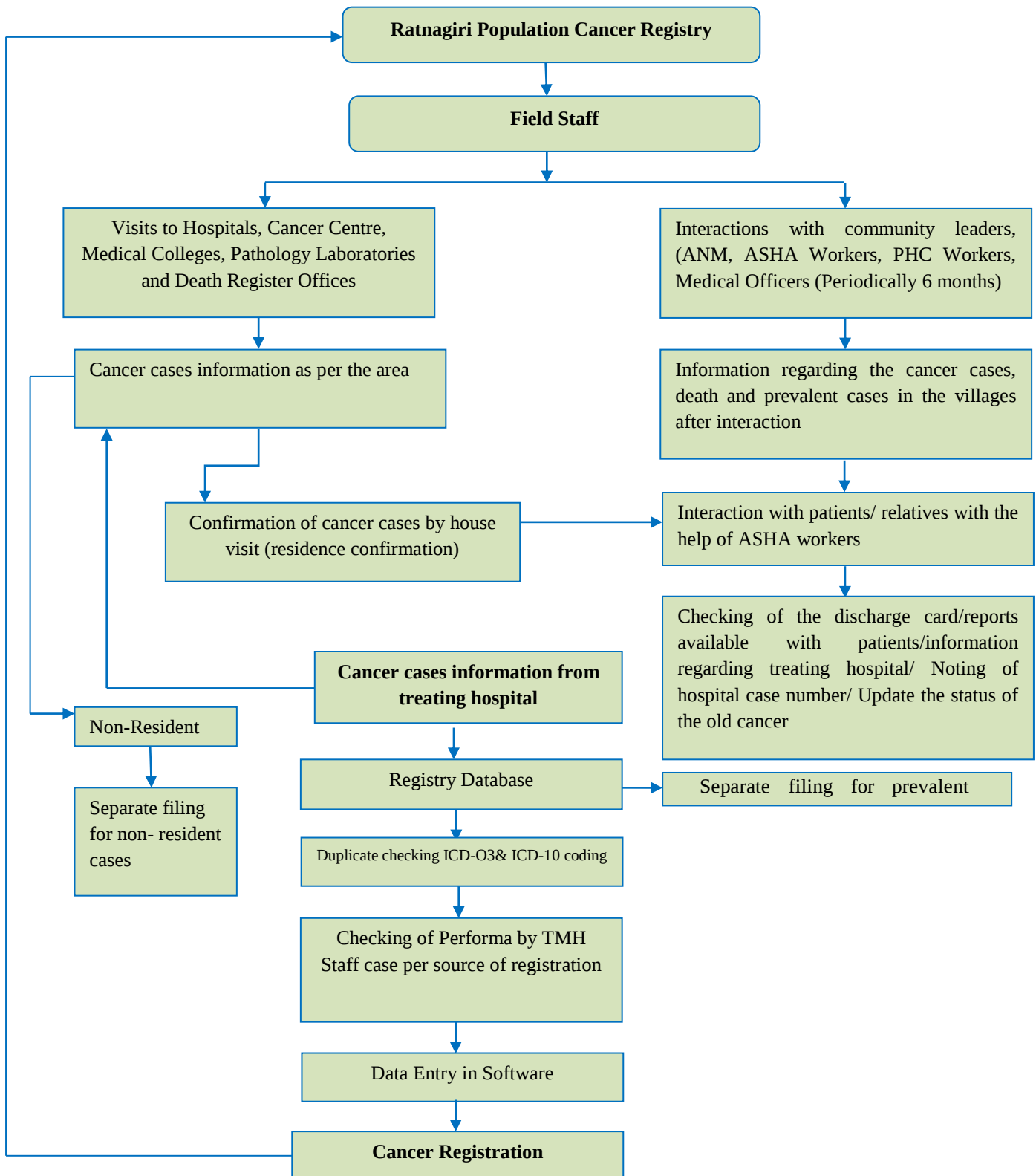
Benefits and Outcomes

- Enumeration of disease burden and patterns of cancer in the rural areas: The project will enable in identifying the disease burden and also the common cancers prevalent in the district of Ratnagiri.
- National Gain: The valuable information collected will form a basis for planning a Cancer Control Programme in the country.

Research Potential:

The project has an excellent potential for community based epidemiological study to identify the risk factors. The work flow of the cancer registry is shown below. It is to be noted that there is sequence which needs to be followed by which the registry's outcome can be improved from time-to-time. There are checks at each gateway. The land terrains of Ratnagiri and Sindhudurg are difficult to approach and the registry staff have been trained adequately and instructed to maximize the visit to these areas through proper planning prior to the visit. There was no major cancer hospital in Ratnagiri district. BKL Walawalkar hospital, a General hospital in Dervan, Chiplun taluka has developed into a comprehensive cancer centre with the help of Tata Memorial Hospital (TMH), Mumbai, in patient care, service, research and education in cancer.

Cancer Registration System



Cancer Registration system

Cancer registration is active, which means that the investigators have to visit the various sources to obtain information on diagnosis and treatment. The sources include various hospitals, pathology laboratories, radiological centers, village panchayats, local physicians, Aanganwadi workers office, primary health care centers and non-governmental organizations (NGOs) etc.

Many of the cases who are residents of Ratnagiri district visit Tata Memorial Hospital (TMH), Mumbai, for diagnosis and treatment. For such cases, variables such as name, address, diagnosis, clinical variables are matched and information is abstracted accordingly from TMH database for the Ratnagiri cancer registry. There are many other cases who visit other hospitals in Mumbai, both private and municipal hospitals for which information is sought from Mumbai cancer registry. Besides, a good number of cases attend BKL Walawalkar hospital, Dervan for cancer care, since it is established as a comprehensive cancer centre with all facilities for diagnosis and treatment. TMH has collaborated with the BKLW hospital for a large outreach screening program for common cancers as mentioned earlier and thus a large population base has been utilizing this opportunity to seek cancer diagnosis and treatment.

Cancer Registry Core Performa –

Special form is designed and tested for Ratnagiri Population based cancer registry (PBCR), based on the experience of the registry staff of the Hospital Based Cancer Registry in TMH (HBCR is ongoing in TMH for last 3 decades) and also keeping in mind the other variables required in PBCR such as residence, source of registration, verification of information from various sources and also the authenticity.

Challenges- Prior to setting up the registry, a survey was done for Ratnagiri district. Due to the hilly areas, access to these areas was not very easy; thus a proposal was put forward to procure motor bikes for the field investigators to access the various sources of information. Thus registry started functioning formally in Feb. 2009.



Training- Training is provided to all field investigators in TMH by TMH staff to understand the medical terminologies, ways to approach various sources and patients to collect the information etc.

TMH staff members also periodically visit the Registry office to monitor the cancer registry activities. There is a constant communication with the Registry staff sitting at base center, BKLW Hospital and TMH

Software-In- house Software is developed by the department of Medical Records, Biostatistics & Epidemiology in TMH by using Visual Basic as front-end and MS- Access as back-end. This information is entered at the base center(BKLW Hospital) and later on transmitted to TMH periodically where it gets checked for completion. Once the form is complete in all respect, the case is tagged as 'Complete' and gets locked in the system. Any changes in this can be done only by the administrator.

Since the database is in Microsoft Access which is modified at both the ends (TMH and Registry Office) simultaneously, new uploading software is developed to merge the changes made at both the ends and produce the final database which overwrites the existing database at both the ends.

Cancer Register- As per the international guidelines and reporting by the population based cancer registries, the cases registered in the Ratnagiri cancer registry are based on the following criteria.

Inclusion –

Only malignant cases.

Resident of Ratnagiri District at least for one year.

Exclusion –

All Suspicious and Non-cancer Cases.

Those who are not resident of Ratnagiri District.

Suspicious cases are further followed up to capture any event.

Cancer Reporting system : The cancer cases are classified by ICD-O-3 and ICD-10 as per the guidelines provided by the World Health Organization (WHO) publication (International Classification of Diseases for Oncology-3rd ed.). ICD-O is a dual classification with coding system for both topography and morphology. The topography code describes the site of origin of the neoplasm. The morphology code describes the cell type of the tumor and its biologic activity, in other words, the characteristic of the tumor itself. Morphology terms have five digit codes ranging from M-8000/0 to M-9989/3. The first four digits indicate the specific histological term. The fifth digit, after the slash is a behavior code, which indicates whether a tumor is malignant, benign, in-situ or uncertain whether malignant or benign. All the tumors which are benign (code '0'), uncertain (code '1') and in-situ (code '2') are not included for analysis.

Quality Checks-

A) Duplicate Checks-

We are checking duplicates by comparing various fields like name, address, sex, age and site. There are two methods to find out the duplicates – 1)Manual method by using the index card 2)Electronic method through the software.

1) Manual Method- In the registry office, we are maintaining the index cards which contains the above fields and registration number of the form. Index cards are arranged in alphabetical order of the name of the patient. Whenever, the investigators are finding any new case, they first search it in the index card system if they are able to find the index card with the same name and other details, they note down the registration number of the index card and take out the original form of the same patient and update the information in the same form. Like that the duplicates are removed from the system at the scrutiny level itself. If they are not able to get the index card with the given name then they registered a new case.

2) *Electronic Method-* Whenever a new case is added into the software system, it generates a unique registration number for each case. The moment we enter the name of the patient, the software immediately checks all the records matching with the same name and displays the registration number, name, age and site of the matching records in the grid. So user can check the duplicates at the entry level also. This is the another electronic method to take out the duplicates from the database.

The forms are separately arranged by the registration number which is the primary key in the database.

B)Residence Confirmation-

Since the registry data is dependent on geographical boundaries of any specified population, residence confirmation is required in the PBCR. We do the residence confirmation either by doing the house visits on given address or through the telephone numbers if available. During the house visit, we check the diagnostic information and also try to get treatment and follow up information of the patient.

C)) Sampling for validation –

5 % of the cases are re-approached for collection of information which includes visits to the labs, hospitals, house etc. and the data which is already collected is checked again. This will ensure the correctness of the information.

All the above work including Tagging of cancer, finalization of diagnosis, quality checks, completeness, analysis and reporting is undertaken by the staff in TMH.

Sources Of Registration- We record the primary, secondary and tertiary source of registration. It is in the hierarchical order from the date of diagnosis i.e. the primary source is the one where the patient got diagnosed first and then the subsequent sources are entered where the patient has gone for further treatment or follow-up.

The main criteria for inclusion in the population registry are those who are 'residents' for at least one-year in Ratnagiri district.

Table1(b) : Incident Cancer cases by Primary Sources of Registration with percentage: Ratnagiri -2015-16

Sources \Year	2015	2016	Total	%
Tata Memorial Hospital	224	235	459	29.1
B.K.L. Walawalkar Hospital	186	188	374	23.7
TMH CHEST	-	2	2	0.1
PHC	1	-	1	0.1
Dr. Ghanekar	64	49	113	7.2
Siddhivinayak Hospital, Miraj	10	39	49	3.1
KEM Hospital	8	12	20	1.3
Pilankar Path Lab	64	60	124	7.9
Civil Hospital	4	-	4	0.3
J.J. Hospital	1	-	1	0.1
Sion Hospital	3	1	4	0.3
Aarogyam Lab	68	65	133	8.4
Shraddha Path Lab	13	11	24	1.5
Prince Ally Khan	10	2	12	0.8
Raheja Hospital	3	-	3	0.2
Kolhapur Oncology Center	15	19	34	2.2
Nair Hospital	12	3	15	1.0
Deenanath Mangeshkar Hospital, pune	2	2	4	0.3
Nupur Diagnostic	1	-	1	0.1
Hinduja Hospital	1	-	1	0.1
Dr. Arun Nalawade	-	1	1	0.1
Others	108	90	198	12.6
Total cases	798	779	1577	100.0

Incidence rate:

All new cases of cancer diagnosed in a define population during a given period of time are defined as 'incident cases'. Thus all new cancer case diagnosed in the defined area of Ratnagiri district during the year 2015-2016 (1st January to 31st December) formed the incident cases.

The major concern of Population based Cancer Registries will be the calculation of cancer incidence rates and their use to study the risk of individual cancers in the registry area compared to elsewhere or to compare different subgroups of the population within the registry area itself.

Definition:-

Incidence express the number of new cases of cancer which occurs in a defined population of disease-free individuals & the incidence rate is the number of such events in a specific period of time. And conventionally, incidence rates of cancer are expressed as cases per 100,000 person year. As per the definition

- | | | | |
|----|---------------------------------------|---|--|
| a) | Crude Incidence Rate | = | $\frac{\text{No. of new cases of disease} * 100,000}{\text{Population at Risk}}$ |
| b) | Age Specific Incidence Rate
(ASpR) | = | $\frac{\text{No. of new cases of disease in a specific age group} * 100,000}{\text{Population at Risk in a specific age group}}$ |
| c) | Age Standardized Rate | = | $\sum \frac{\text{ASpR} * \text{No. of persons in std. world population}}{100,000}$ |

Usually, age groups as five year age groups (0-4, 5-9, 10-14, etc.) are reported as per the WHO classification.

Cancer Registration and rates:-

From the year 2015 to 2016, total cancer cases registered are 798 & 779 respectively, totaling to 1577 cancer cases (including DCOs) in the Ratnagiri Cancer Registry. As there is a female-predominance, 699 are males and 878 are female.

Table 2(a): Age Distribution of Standard Population for world.

Age Group	World Population
0-4	12000
5-9	10000
10-14	9000
15-19	9000
20-24	8000
25-29	8000
30-34	6000
35-39	6000
40-44	6000
45-49	6000
50-54	5000
55-59	4000
60-64	4000
65-69	3000
70-74	2000
75+	2000
Total	100000

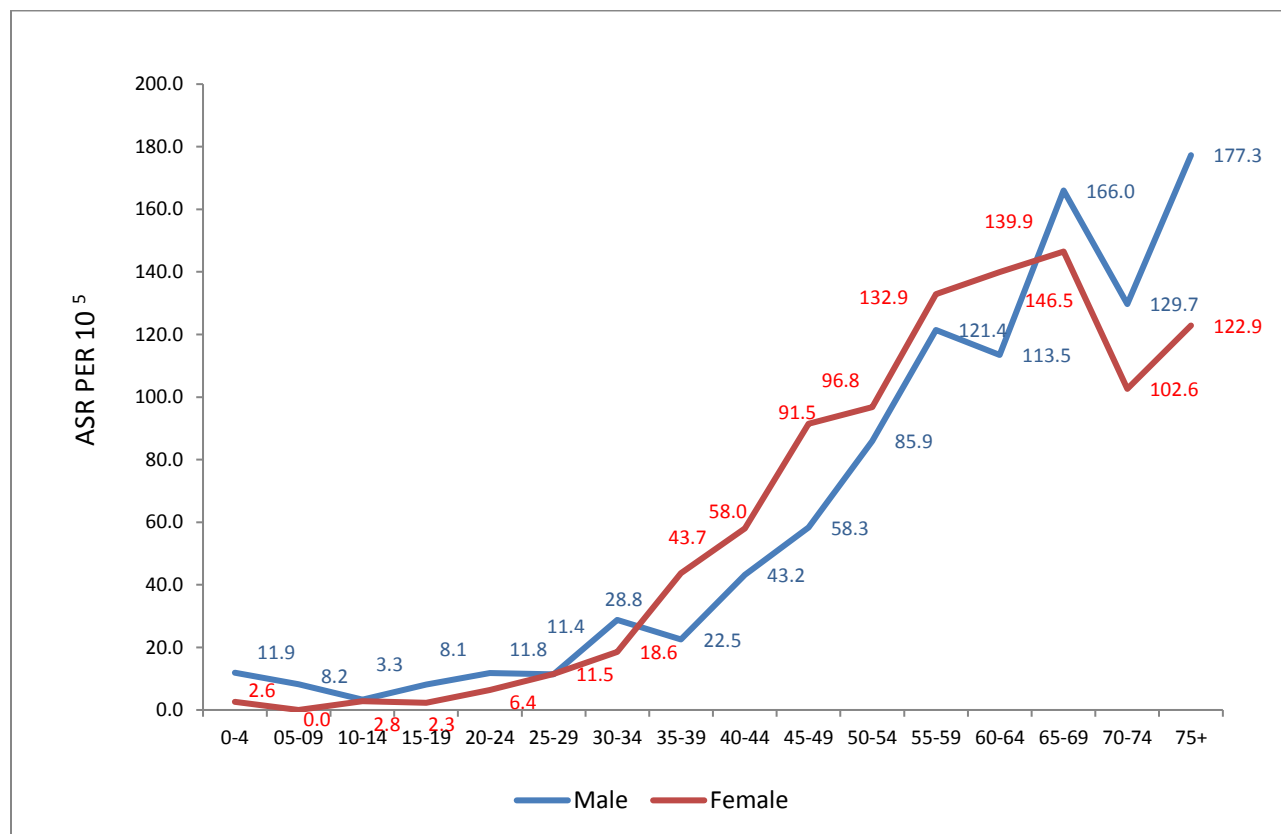
Table2(b): Distribution of the cancer cases and age specific incidence rate (ASR) per 10⁵ for all cancer sites, by Gender: Ratnagiri District 2015-16

Age-group	Male		Female	
	Nos.	ASR	Nos.	ASR
0-4	10	11.9	2	2.6
05-09	9	8.2	0	0.0
10-14	5	3.3	4	2.8
15-19	12	8.1	3	2.3
20-24	13	11.8	8	6.4
25-29	11	11.4	13	11.5
30-34	27	28.8	22	18.6
35-39	24	22.5	58	43.7
40-44	48	43.2	75	58.0
45-49	60	58.3	101	91.5
50-54	72	85.9	88	96.8
55-59	86	121.4	108	132.9
60-64	72	113.5	117	139.9
65-69	96	166.0	127	146.5
70-74	64	129.7	67	102.6
75+	90	177.3	85	122.9
All Cases	699	46.9	878	52.8

ASR- Age specific Incidence Rate per 10⁵

It is seen from figure-2, that cancer incidence rates are found to increase sharply with age. As compared to male Age specific rate (ASR) is higher in females from age group 35 to 60 years and it is higher in older male i.e. age 60 onwards. The ASR in older male is high probably due to high incidence of mouth, prostate and hypopharyngeal cancer which are tobacco-related cancers.

Fig.2 Age- Specific Incidence Rate per 100,000 for all cancer sites by Gender: Ratnagiri District -2015-16



System-wise distribution of cancer cases

The proportion of the Breast (i.e. 15.9%), head and neck (i.e. 25.5%), Genito Urinary Organs (i.e. 14.8%) and Gastro-intestinal (i.e. 18.0%) cancer cases contributed more for both sexes together than any other cancer in Ratnagiri (Table-3). The head and neck site is most common cancer among males, which alone contributed 35.8% followed by 19.7% of Gastro-intestinal and 11.9% of Hematopoietic cancer. However, among females, Breast cancer contributed to 28.0% followed by Genito Urinary Cancers 19.0% and 17.3% of Head & Neck cancers.

Table3: System-wise distribution of cancer cases by sex: Ratnagiri Year :2015-16.

Systems	Male		Female		Total	
	Nos.	%	Nos.	%	Nos.	%
Head & Neck	250	35.8	152	17.3	402	25.5
Breast	4	0.6	246	28.0	250	15.9
Lung	33	4.7	21	2.4	54	3.4
Other Thoracic Organs	2	0.3	0	0.0	2	0.1
Gastro-intestinal	138	19.7	146	16.6	284	18.0
Retroperitoneum	5	0.7	0	0.0	5	0.3
Bone	12	1.7	3	0.3	15	1.0
Peripheral Nerves & Soft Tissue	12	1.7	6	0.7	18	1.1
Melanoma of Skin	1	0.1	3	0.3	4	0.3
Other Skin	9	1.3	15	1.7	24	1.5
Mesothelioma	1	0.1	0	0.0	1	0.1
Genito Urinary Organs	66	9.4	167	19.0	233	14.8
Endocrine Glands	6	0.9	10	1.1	16	1.0
Brain & Nervous System	22	3.1	8	0.9	30	1.9
Haematopoietic Cancers	83	11.9	46	5.2	129	8.2
Secondary Lymph Nodes	23	3.3	13	1.5	36	2.3
Secondary Respiratory & Digestive Org	21	3.0	25	2.8	46	2.9
Other Secondary Org	3	0.4	6	0.7	9	0.6
Other & Unspecified Sites	8	1.1	11	1.3	19	1.2
Grand Total	699	100.0	878	100.0	1577	100.0

Leading Sites of Cancer

Table 4a: It shows ten leading sites of cancer in Ratnagiri district during the year 2015-16 in males. In which, mouth cancer (oral cavity) shows the highest incidence rate (ASR=7.0), followed by Tongue and Lymphoma.

Table 4(a): Leading Sites of Cancer, Ratnagiri District Year:2015-16 Males

ICD-10	Site	No. of cases	CR	ASR	TR
C03-C06	Mouth	128	8.6	7.0	15.6
C01-C02	Tongue	52	3.5	2.9	6.7
C82-C85 & C96	Non-Hodgkins Lymphoma	41	2.7	2.4	4.2
C15	Oesophagus	36	2.4	1.9	3.2
C33-C34	Lung	33	2.2	1.8	3.7
C16	Stomach	30	2.0	1.7	3.8
C12-C13	Hypopharynx	27	1.8	1.4	2.3
C61	Prostate	26	1.7	1.2	1.1
C70-C72	Brain & Nervous System	22	1.5	1.3	1.6
C18	Colon	21	1.4	1.1	2.3
All Cases		699	46.9	39.1	68.1

Fig. 3(a) : Age Standardized Incidence Rates per 100,000 population by Leading Sites, Ratnagiri District

Year:2015-16 -Male

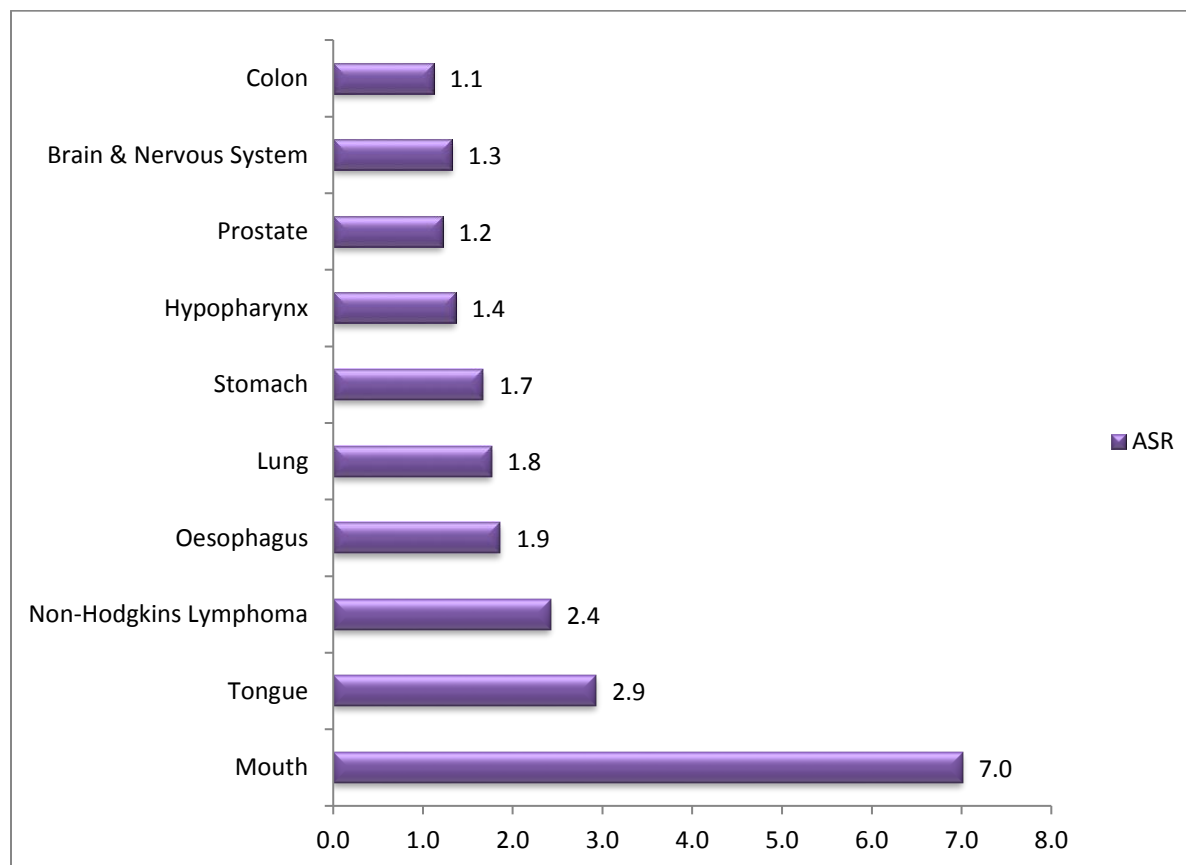
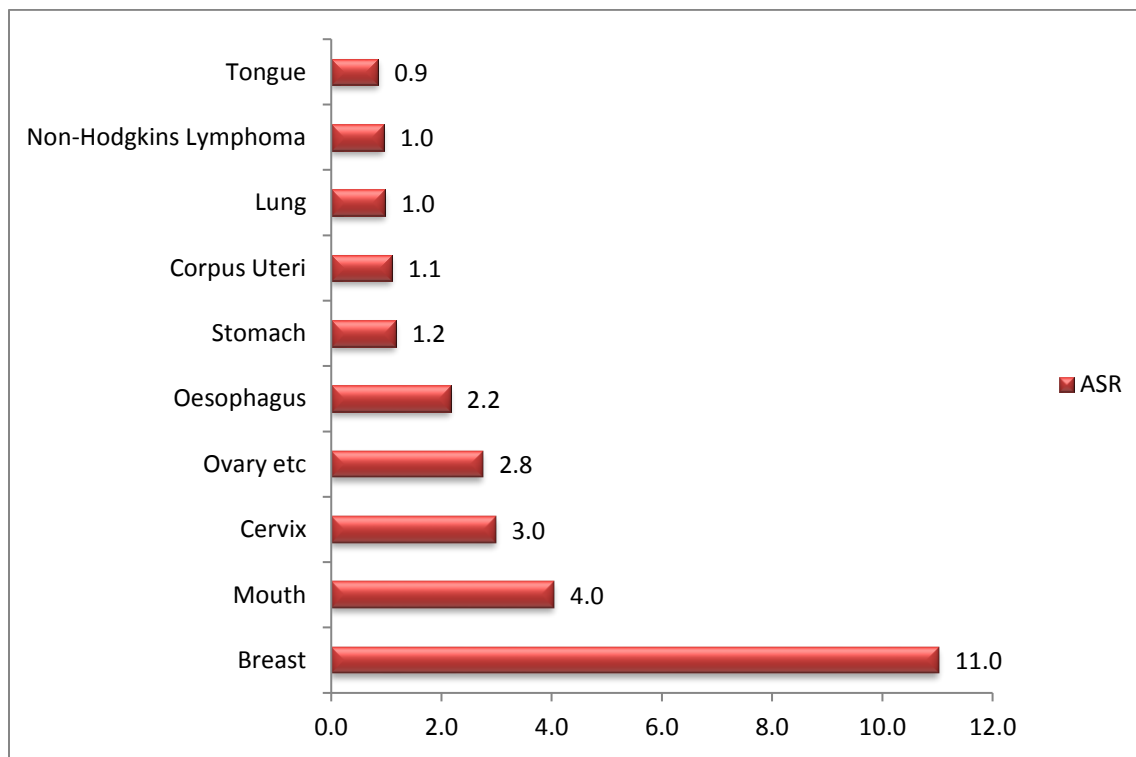


Table 4b: It shows ten leading sites of cancer in Ratnagiri district during the year 2015-16 in females. In which, breast cancer shows the highest incidence rate (ASR=11.0) followed by mouth and cervix cancer.

Table 4(b): Leading Sites of Cancer, Ratnagiri District Year:2015-16 Females

ICD-10	SITE	no.of cases	CR	ASR	TR
C50	Breast	246	14.8	11.0	26.2
C03-C06	Mouth	94	5.7	4.0	8.7
C53	Cervix	66	4.0	3.0	7.6
C56	Ovary etc	56	3.4	2.8	7.3
C15	Oesophagus	52	3.1	2.2	4.6
C16	Stomach	26	1.6	1.2	2.5
C54-C55	Corpus Uteri	24	1.4	1.1	2.8
C33-C34	Lung	21	1.3	1.0	2.3
C82-C85 & C96	Non-Hodgkins Lymphoma	21	1.3	1.0	1.5
C01-C02	Tongue	19	1.1	0.9	1.9
All cases		878	52.8	39.6	88.2

Fig. 3(b) Age Standardized Incidence Rates per 100,000 Population by Leading Sites -Ratnagiri-District.
Year:2015-16 -Female



Comparison of National & International Registry

Table 5(a): depicts the comparison of ASR of all sites among male in Ratnagiri with other cancer registries. As compared to Ratnagiri registry, the male from Aizawl registry shows higher ASR (i.e. 270.7) followed by Delhi, and Trivandrum registries respectively.

Table 5(a): Comparison of Age Standardized Incidence Rate (ASRs) with other National and International Registries: Ratnagiri Year: 2015-16 –Males

Registries [#]	ASR
Visakahapatnam 2014 [#]	31.8
Sindhudurg 12-14 [#]	34.6
Ratnagiri 15-16 [#]	39.1
Kakrapar 2014-16 [#]	45.5
Tarapur 2013-14 [#]	46.1
Uttar Kannada 2014-16 [#]	53.0
Barshi Rural [@]	53.9
Kudankulam 2014-15 [#]	59.5
Rawatbhata 2011-13 [#]	63.4
Aurangabad [@]	72.0
Pune [@]	77.6
Nagpur [@]	89.4
Kalpakkam 2014-15 [#]	91.6
Dibrugarh Dist [@]	92.8
Bhopal [@]	101.5
Bengaluru [@]	105.4
Mumbai [@]	113.1
Chennai [@]	116.1
Triruvanathapuram [@]	132.0
Delhi [@]	149.4
Aizawl [@]	270.7
International Cancer Registries^{\$}	
China Shanghai	204.8
Japan Osaka	224.3
Finland	354.6
UK England (oxford)	383.7
USA Connecticut: White	427.2
France Haut-Rhin	504.9

Source: [@]NCRP: Consolidate Report of Population Based Cancer Registries, 2012-14, ICMR, 2016

[#]Tata Memorial Centre-Dept. of Atomic Energy Network of Cancer Registries, Consolidated Report, Jan, 2019

^{\$}Cancer Incidence in Five Continents Volume (CI5), IARC, www.ci5.iarc.fr

Figure 4 (a): Comparison of Age Standardized Incidence Rate (ASRs) with other Indian Cancer Registries: Ratnagiri Year: 2015-16- Males

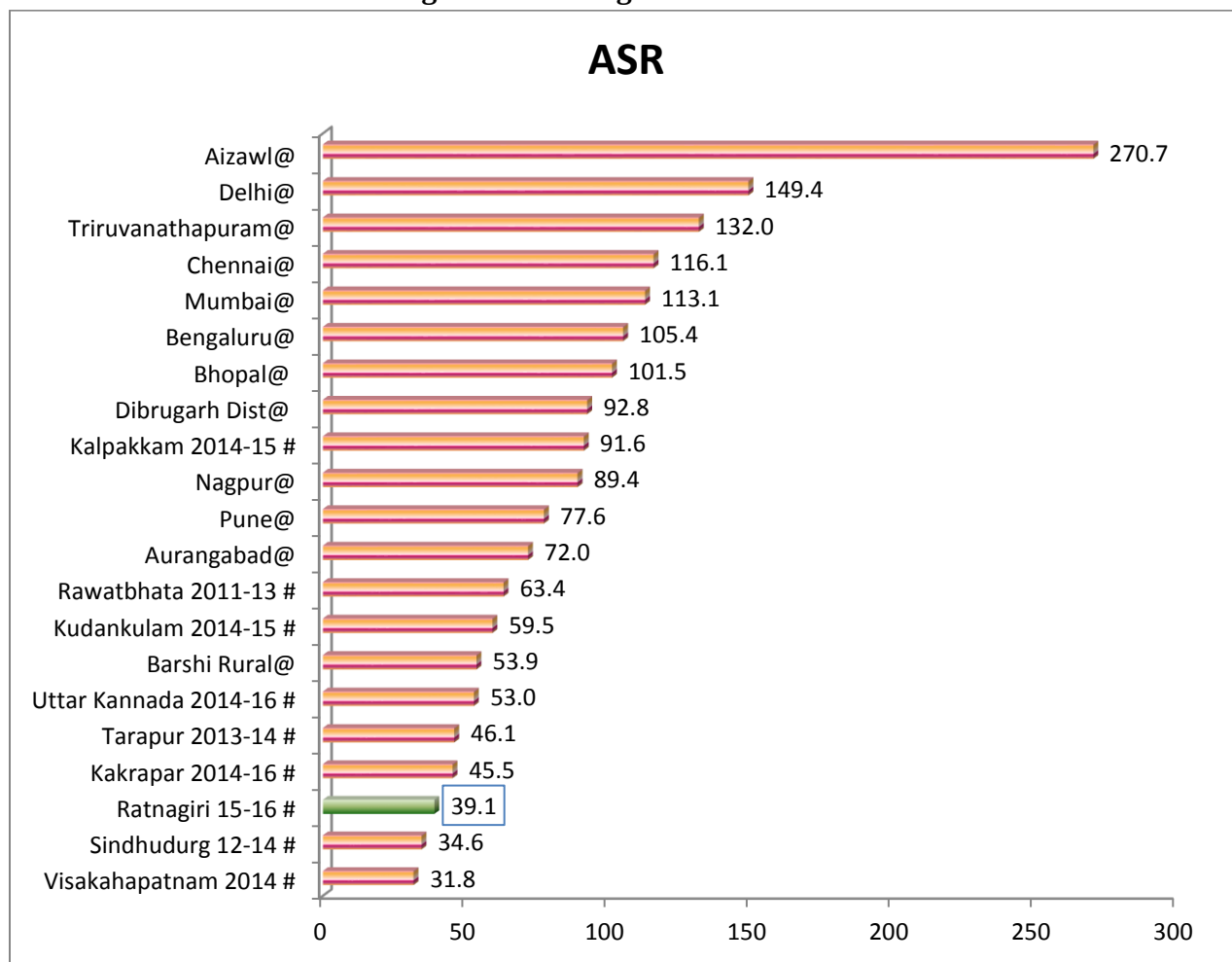


Table 5(b): depicts the comparison of ASR of all sites among female in Ratnagiri with other cancer registries. As compared to Ratnagiri registry, the female from Aizawl registry shows higher ASR (i.e. 207.7) followed by Delhi, Chennai and Bangalore registries respectively.

Table 5(b): Comparison of Age Standardized Incidence Rate (ASRs) with other National and International Registries: Ratnagiri Year: 2015-16 –Females

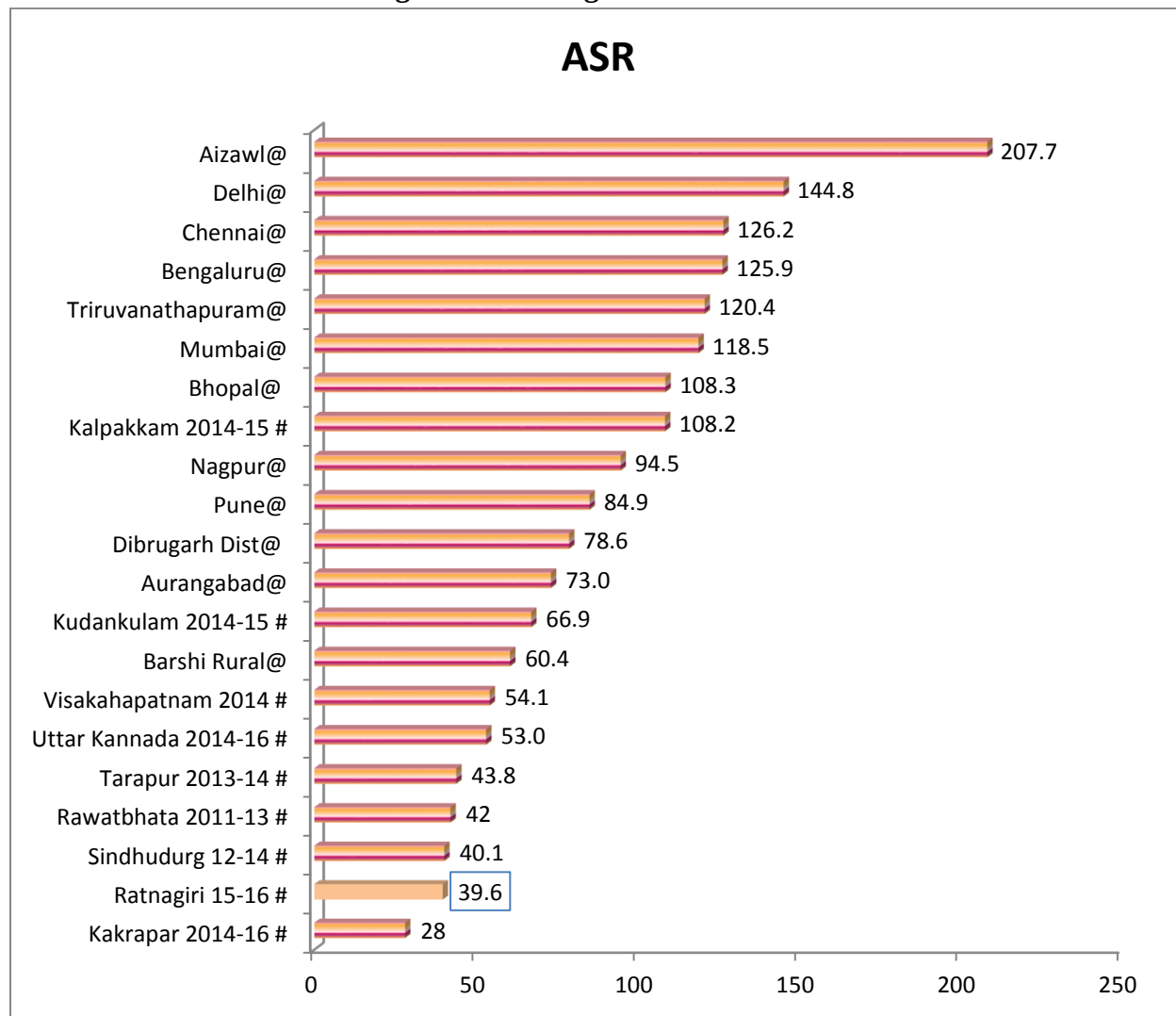
Registries[#]	ASR
Kakrapar 2014-16 [#]	28.0
Ratnagiri 15-16 [#]	39.6
Sindhudurg 12-14 [#]	40.1
Rawatbhata 2011-13 [#]	42.0
Tarapur 2013-14 [#]	43.8
Uttar Kannada 2014-16 [#]	53.0
Visakahapatnam 2014 [#]	54.1
Barshi Rural [@]	60.4
Kudankulam 2014-15 [#]	66.9
Aurangabad [@]	73.0
Dibrugarh Dist [@]	78.6
Pune [@]	84.9
Nagpur [@]	94.5
Kalpakkam 2014-15 [#]	108.2
Bhopal [@]	108.3
Mumbai [@]	118.5
Triruvanathapuram [@]	120.4
Bengaluru [@]	125.9
Chennai [@]	126.2
Delhi [@]	144.8
Aizawl [@]	207.7
International Cancer Registries^{\$}	
Japan Osaka	158.8
China Shanghai	179.1
Finland	281.9
USA Connecticut: White	317.8
France Haut-Rhin	325.5
UK England (oxford)	327.7

Source: [@]NCRP: Consolidate Report of Population Based Cancer Registries, 2012-14, ICMR, 2016

[#]Tata Memorial Centre-Dept. of Atomic Energy Network of Cancer Registries, Consolidated Report, Jan, 2019

^{\$}Cancer Incidence in Five Continents Volume (CI5), IARC, www.ci5.iarc.fr

Figure 4 (b): Comparison of Age Standardized Incidence Rate (ASRs) with other Indian Cancer Registries: Ratnagiri Year: 2015-16- Females

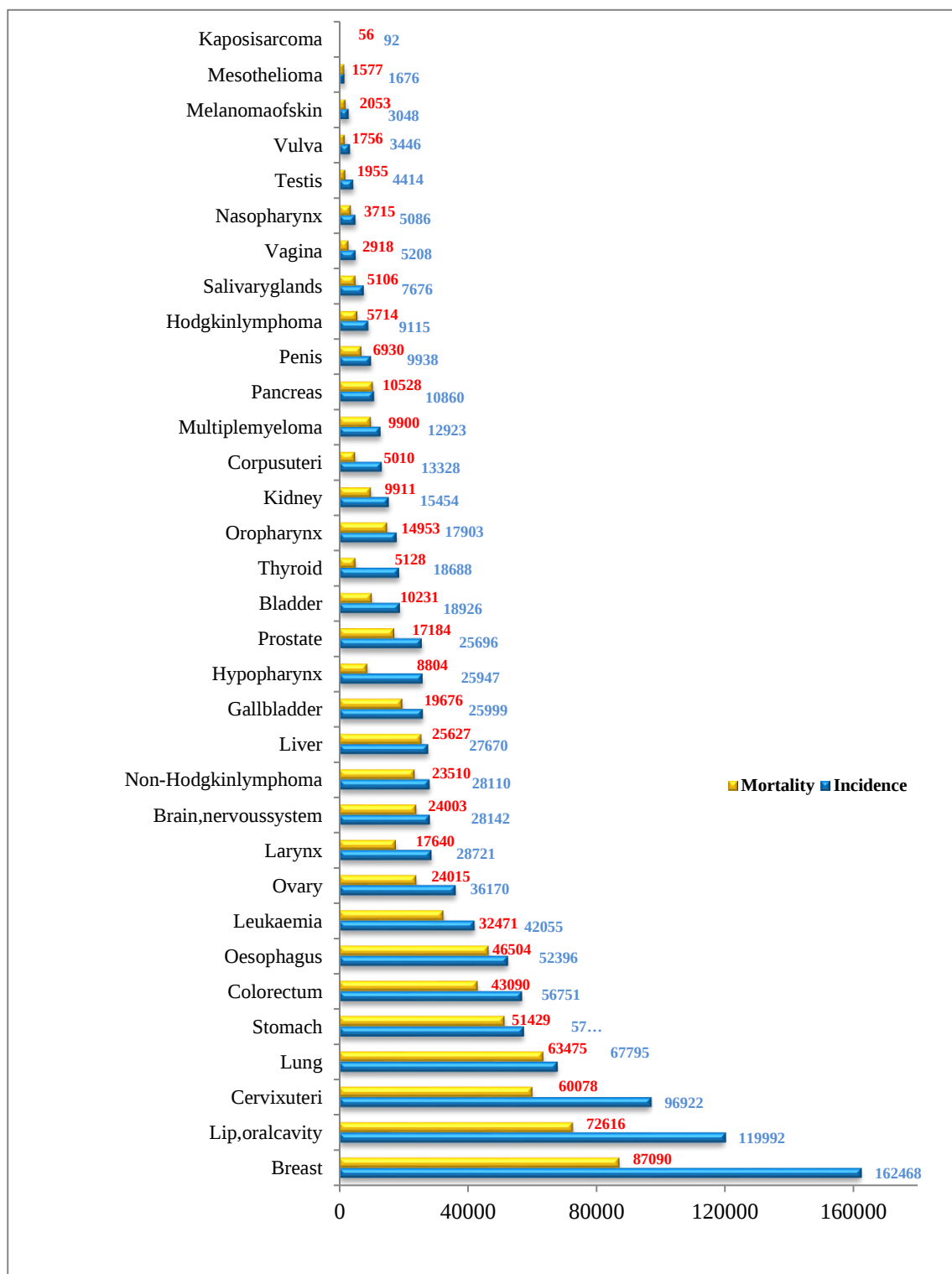


GLOBOCAN is a comprehensive cancer surveillance database managed by International Association of Cancer Registries (IARC), whose aim is to calculate cancer incidence and mortality worldwide and prevalence from major type of cancers for 185 countries of the world. Globocan collects the data from every continent and about major types of cancer, and estimates are presented separately for each sex.

The last release of the GLOBOCAN database (September 2018) includes estimates of the incidence, mortality and prevalence from 36 types of cancer and for all cancers combined in 185 countries of the world.

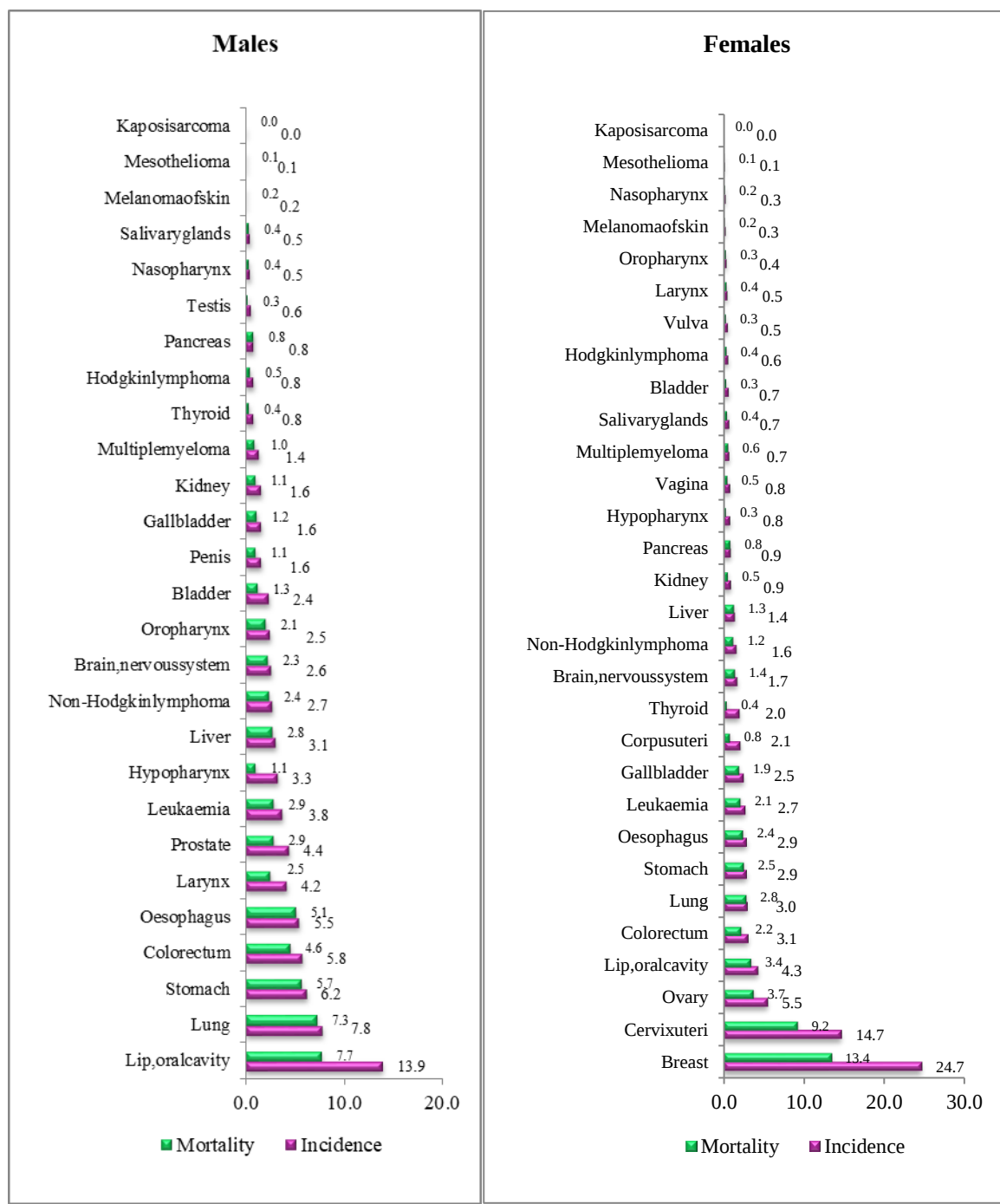
As per Globocan 2018, the estimated number of cases and deaths, their incidence and mortality for all cancers excl. non-melanoma skin cancer is given below.

Fig 5a: Estimated Number of Cases & Deaths - All cancers excl. non-melanoma skin cancer- India-2018



*GLOBOCAN-2018, Cancer Incidence and Mortality: IARC. Lyon, France: International Agency for Research on Cancer
Available at: <http://gco.iarc.fr/today/>

Fig 5b: Estimated Incidence and Mortality Rates (ASR per 10⁵) – India-2018



*GLOBOCAN-2018, Cancer Incidence and Mortality: IARC. Lyon, France: International Agency for Research on Cancer
Available at: <http://gco.iarc.fr/today/>

Method of Diagnosis

Presently, there are many diagnostic methods available to diagnose cancer. With advancement in technologies are really helpful to detect cancer in early stage of life. Once patient is suspected, diagnosis is usually made by Pathologists, Radiologists & Clinicians. The most common tools such as Biopsy, Cytology, Bone Marrow Aspiration, Endoscopy, Blood test, X-rays, CT scan, PET Scan & MRI are useful to diagnose cancer. Similarly, patients are also diagnosed on the clinical grounds or by the autopsy after the death of the patient.

Table 6: shows the various diagnosis methods used for diagnosis of cancer in Ratnagiri registry. Only, 0.6% of cases are diagnosed by the death certificate and most of these cases are, who visited to the hospitals in advanced stage of cancer when no active treatment is possible. About, 94.9% of cancer cases are diagnosed by using microscopic methods. The microscopic methods are more reliable technique to diagnose cancer and also helpful to detect exact site of cancer. Similarly, 2.0% of patients are diagnosed by radiologically (*i.e.* by means of X-rays, CT scan, PET scan, MRI etc.) and 1.0 % of cancer cases are diagnosed on the clinical only.

Table 6: Percentage of New cancer cases diagnosed by different methods of diagnosis and Gender: Ratnagiri Year: 2015-16

method of diagnosis	Male		Female		Total	
	Cases	%	Cases	%	Cases	%
Microscopic	662	94.7	834	95.0	1496	94.9
Radiological	14	2.0	17	1.9	31	2.0
clinical	5	0.7	10	1.1	15	1.0
DCO	4	0.6	5	0.6	9	0.6
others	14	2.0	12	1.4	26	1.6
Grand Total	699	100	878	100	1577	100

Fig. 6a: Method of Diagnosis among Males

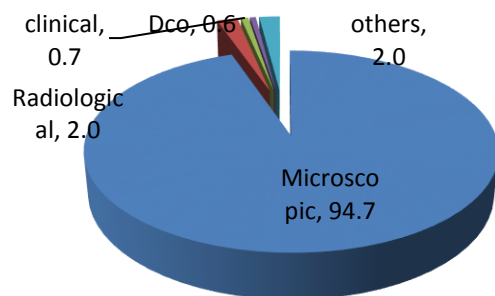
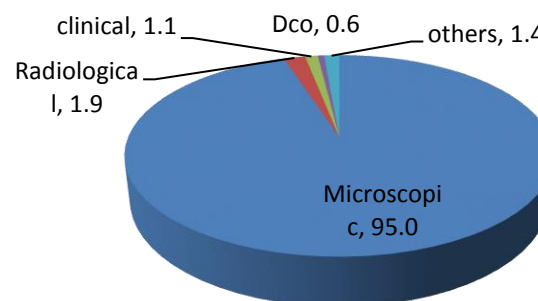


Fig. 6b: Method of Diagnosis among Female



PEDIATRIC CANCERS (Age 0-14 yrs.)

The types of Cancer that develop in children are very different from the types that develop in adults. The most common cancers of children are Leukaemia, Lymphoma, Brain & other nervous system tumors, bone cancers, soft tissue sarcomas, kidney & eye cancers. The stage of growth & development is another important difference between adults & children. The immaturity of children's organ system often has important effect on treatment. Childhood cancers tend to respond better to chemotherapy. But, because chemotherapy can have some long-term side effects, children who survive cancer need careful attention for the rest of their lives.

Table 7(a), shows distribution of cancers in children. Where, it is found that 30 pediatric cancer cases are reported in Ratnagiri district during 2015-16.

**Table 7(a): Distribution of Pediatric Cancers & Proportions by Gender: Ratnagiri
Year: 2015-16**

Site	Male	Female	Total	%
Bone	1	1	2	6.7
Soft Tissue	1		1	3.3
Neuroblastoma	3		3	10.0
Kidney	1	1	2	6.7
Brain & Nervous System	1	1	2	6.7
Hodgkins Disease	3		3	10.0
Non-Hodgkins Lymphoma	2	2	4	13.3
Lymphoid Leukemia	10		10	33.3
Myeloid Leukemia	1	1	2	6.7
Leukemia Uns	1		1	3.3
All Pediatric cases	24	6	30	100.0

GERIATRIC CANCERS (Age 60+ yrs)

Table 7(b): shows the distribution of geriatric cancers, where we found that about 708 cancer cases are reported from Ratnagiri area. In which, Mouth cancer followed by Prostate are the leading sites in Males whereas Breast cancer followed by Mouth are the leading sites in females.

Table 7(b): Leading sites of cancer in Geriatric age group in Males & Females

Male		
Site	Nos.	%
Mouth	58	18.6
Prostate	22	7.1
Hypopharynx	19	6.1
Oesophagus	18	5.8
Stomach	16	5.1
All Geriatric cancers	312	100

Female		
Site	Nos.	%
Breast	112	28.3
Mouth	52	13.1
Oesophagus	30	7.6
Cervix	30	7.6
Ovary etc	14	3.5
All Geriatric cases	396	100

Tobacco Related Cancers

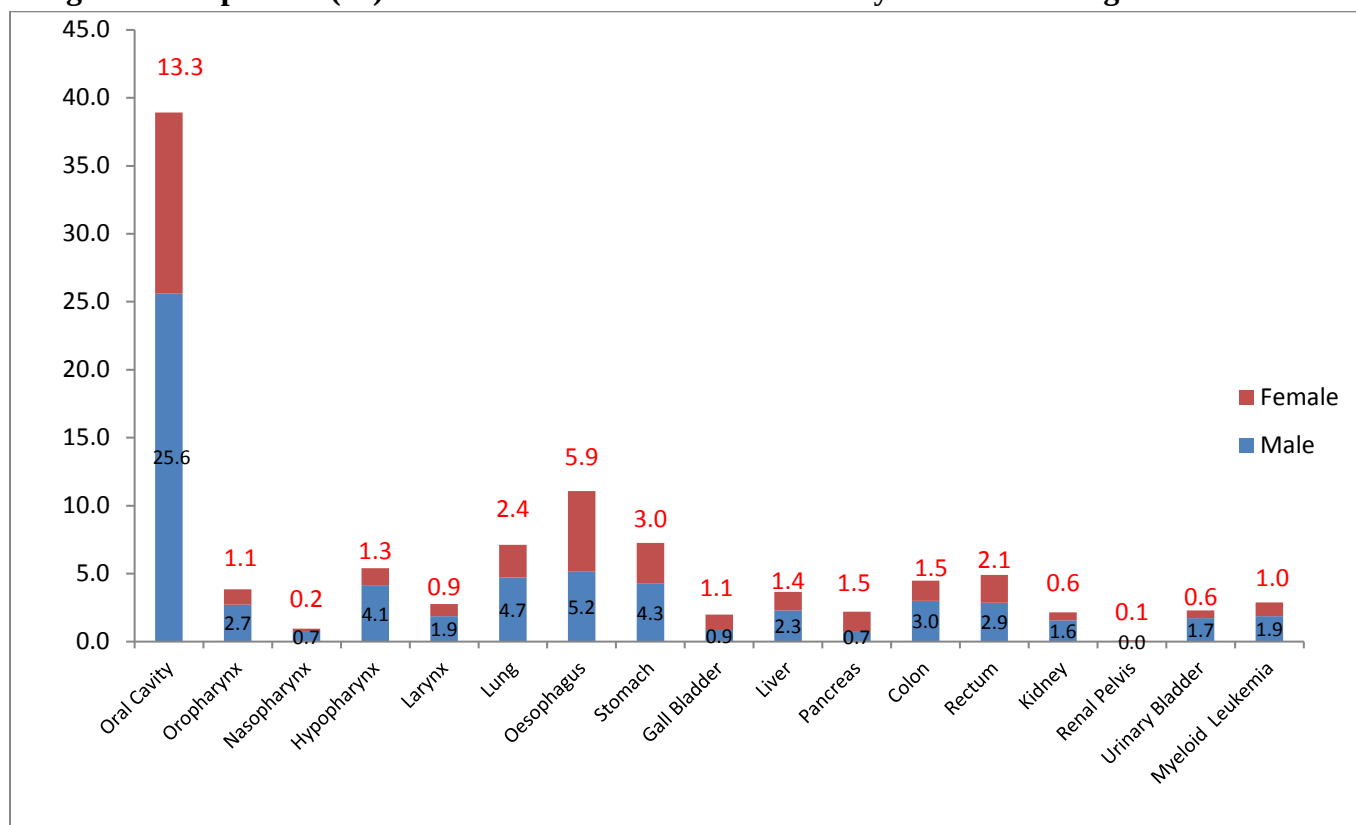
The consumption of tobacco is a major risk factor for cancers. The cancers of Oral cavity, Oropharynx, Nasopharynx, Hypopharynx, Para Nasal Sinus, Larynx, Lung, Oesophagus, Stomach, Gall Bladder, Liver, Pancreas, Colon, Rectum, Kidney, Ureter, Renal Pelvis, Urinary bladder and Myeloid Leukemia are related to tobacco use. About, 50% of cancer burden is due the tobacco use. But, these are preventable cancer and can be prevented through education and public awareness programs at various levels of the population.

Table 8: shows that overall 50% of cancers in Ratnagiri is only because of use of tobacco. Also, this percentage varies by gender, where 64.1% of male, and 37.9% female cancers accounted for TRC.

**Table 8: Number of Tobacco Related Cancer (T.R.C.) Cases by Gender: Ratnagiri
Year: 2015-16**

Site	Male		Female		Total	
	Nos.	%	Nos.	%	Nos.	%
Oral Cavity	179	25.6	117	13.3	296	18.8
Oropharynx	19	2.7	10	1.1	29	1.8
Nasopharynx	5	0.7	2	0.2	7	0.4
Hypopharynx	29	4.1	11	1.3	40	2.5
Larynx	13	1.9	8	0.9	21	1.3
Lung	33	4.7	21	2.4	54	3.4
Oesophagus	36	5.2	52	5.9	88	5.6
Stomach	30	4.3	26	3.0	56	3.6
Gall Bladder	6	0.9	10	1.1	16	1.0
Liver	16	2.3	12	1.4	28	1.8
Pancreas	5	0.7	13	1.5	18	1.1
Colon	21	3.0	13	1.5	34	2.2
Rectum	20	2.9	18	2.1	38	2.4
Kidney	11	1.6	5	0.6	16	1.0
Renal Pelvis		0.0	1	0.1	1	0.1
Urinary Bladder	12	1.7	5	0.6	17	1.1
Myeloid Leukemia	13	1.9	9	1.0	22	1.4
Total TRC	448	64.1	333	37.9	781	49.5
Other Carcinomas	251	35.9	545	62.1	796	50.5
Total	699	100.0	878	100.0	1577	100.0

Figure 7: Proportion (%) of Tobacco Related Cancer Cases by Gender: Ratnagiri 15-16



MORTALITY

Mortality statistics have an impressive history as a useful tool for undertaking epidemiological studies of cancer. The mortality analysis of various occupational groups has provided the evidence, which leads to the discovery of several chemical carcinogens. Examination of time trends of deaths rates has in turn lead to the developments of new etiologic hypotheses. Furthermore, international comparison of mortality data has been productive in outlining new directions for undertaking epidemiological studies.

The significant role played by mortality data in epidemiological studies, in the past was largely due to the unavailability of morbidity data, which is considered more valuable for undertaking epidemiological investigations.

Gradually, the role of mortality studies has diminished with the establishment of population based cancer registries in various countries throughout the world and the availability of adequate morbidity data. The value of mortality data has also decreased with the increasing use of

epidemiological field studies undertaken to test specific etiologic hypotheses, developed as a result of analysis of mortality statistics.

It is important to obtain mortality data on cancer patients, though it is difficult. In India due to lack of death registration as mandatory, it is quite difficult to obtain these cases. At our registry, mortality data has been obtained from the death records maintained by the Grampanchyat Office and also during the house visits of the patients.

Table 9: Average Annual age specific mortality rates per 100,000 Population for all sites by age group and Gender: Ratnagiri Year: 2015-16

Age-Group	Male	female
0-4	2.4	1.3
05-09	2.7	1.9
10-14	0.7	0.7
15-19	2.7	3.8
20-24	4.5	0.0
25-29	9.3	3.6
30-34	12.8	5.9
35-39	11.2	15.8
40-44	20.7	30.9
45-49	29.1	39.8
50-54	53.7	52.8
55-59	63.5	75.0
60-64	81.9	67.0
65-69	105.5	85.3
70-74	113.5	38.3
75+	116.2	50.6
All ages	28.1	25.5

It is seen from figure-8, that age specific mortality rates are found to increase sharply with age

Figure 8: Annual age specific mortality rates per 100,000 Population for all sites by sex: Ratnagiri Year: 2015-16

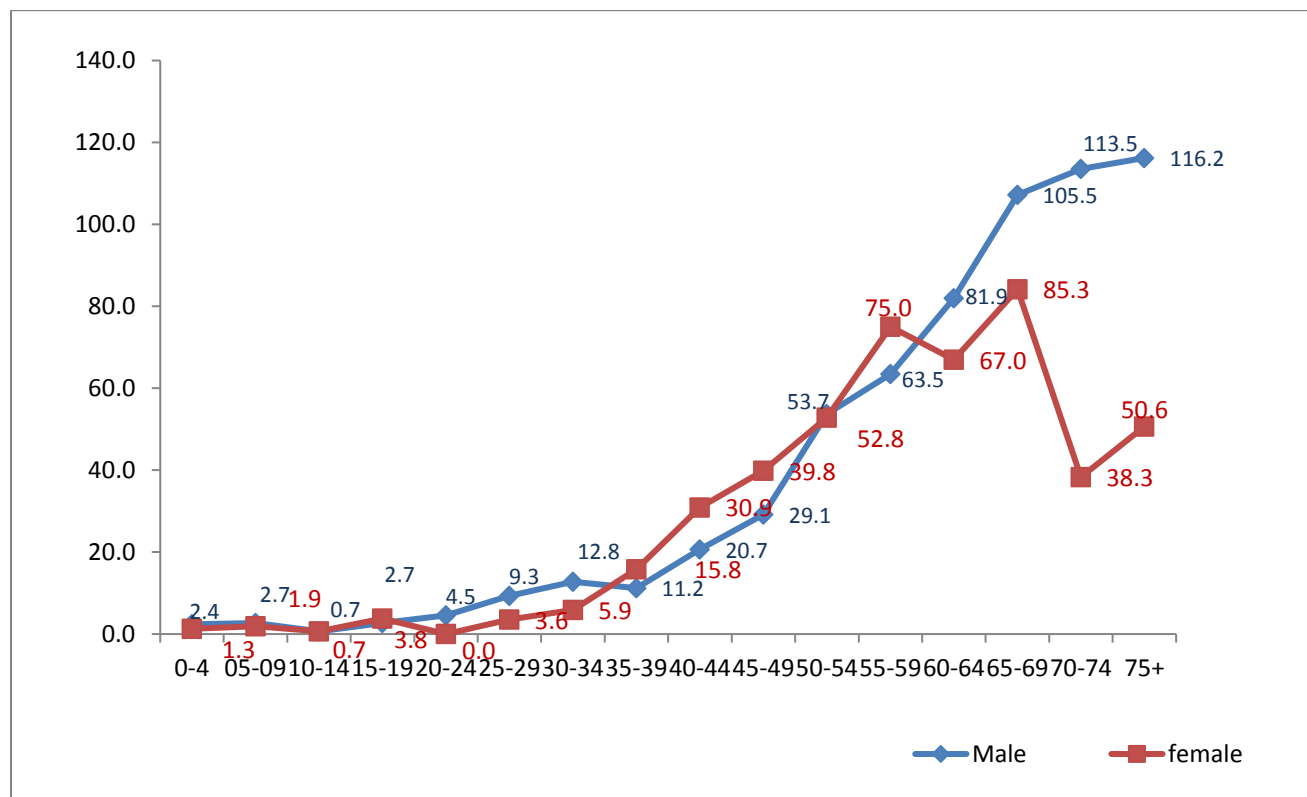


Table 10(a): It shows five leading mortality sites of male cancer (death rates per 100,000) of Ratnagiri during year 2015-16. Among male, Mouth, Lung & Oesophagus shows the highest mortality rate followed by Stomach.

Table 10(a) Leading Mortality Sites of Cancer – Ratnagiri 2015-16 Males

SITE	Cases	CR	ASR
Mouth	75	5.0	4.1
Lung	24	1.6	1.3
Oesophagus	23	1.5	1.2
Stomach	21	1.4	1.2
Non-Hodgkins Lymphoma	19	1.3	1.0
All Died cases	419	28.1	22.7

Table 10(b): It shows five leading mortality sites of female cancer (death rates per 100,000) of Ratangiri during year 2015-16. Among female, Breast shows highest mortality rate followed by Mouth.

Table 10(b) Leading Mortality Sites of Cancer – Ratnagiri 2015-16 Females

Site	Nos.	CR	AAR
Breast	79	4.8	3.6
Mouth	53	3.2	2.2
Cervix	38	2.3	1.7
Oesophagus	31	1.9	1.3
Ovary etc	27	1.6	1.3
All Died Cases	424	25.5	19.2

Mortality-Incidence Ratio (M/I Ratio):-

The mortality-incident or MI ratio is an indicator of the completeness and accuracy of cancer mortality data. The Mortality-Incidence Ratio (M/I %) for male in Ratnagiri is 58.1% and for female 48.5% where as we found that M/I ratio in Barshi Rural (2012-2014) for males, is 68.9% and females is 66.3% and M/I % Ratio for male in Mumbai (2012-2014) is 69.6%, while for female it is 57.9%.

It shows that the coverage of incident and mortality data has been satisfactory and is comparable to that observed in Barshi rural and Mumbai Cancer Registry.

Summary:-

It has been challenging to set up a cancer registry especially with the view of distant locations of sources of registration. One of the major observation is that breast cancer as well as Mouth cancer rates among females are higher than the cervical rates which is unlike of those observed in Indian rural registries (viz. Barshi). This probably, is a population like a semi-urban where the breast cancer rates are more than the cervical cancers among females. Also because of high usage of tobacco mouth cancer rate is higher in male as well as female.

Since we have setup the Ratnagiri Cancer Registry in 2009, efforts are being undertaken constantly to improve coverage through contacts and correspondence with the local authorities and the medical fraternity in this area.

Tables

Appendix

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**Table 1(a): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
Ratnagiri, Year: 2015-16- Males**

ICD	SITE	0-4	05-09	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+	Total	%
C00	Lip	0	0	0	0	0	0	0	0	0	1	1	2	2	0	0	1	7	1.0
C01-C02	Tongue	0	0	0	0	0	2	1	3	6	7	11	8	1	9	2	2	52	7.4
C03-C06	Mouth	0	0	0	0	0	1	4	5	14	17	15	14	18	19	11	10	128	18.3
C07-C08	Salivary Gland	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	5	0.7
C09	Tonsil	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	1	5	0.7
C10	Oth Oropharynx	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	3	6	0.9
C11	Nasopharynx	0	0	0	0	0	0	0	1	0	0	2	1	0	0	1	0	5	0.7
C12-C13	Hypopharynx	0	0	0	0	0	0	0	0	2	0	2	4	4	5	5	5	27	3.9
C14	Pharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0.3
C15	Oesophagus	0	0	0	0	0	0	1	0	0	5	3	6	3	7	3	8	36	5.2
C16	Stomach	0	0	0	0	0	1	0	1	2	3	3	4	7	4	1	4	30	4.3
C17	Small Intestine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C18	Colon	0	0	0	0	0	0	0	0	2	2	6	1	1	5	1	3	21	3.0
C19-C20	Rectum	0	0	0	0	0	1	2	1	0	3	1	3	1	4	3	1	20	2.9
C21	Anus	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2	0	4	0.6
C22	Liver	0	0	0	0	0	1	0	0	0	1	4	2	2	2	3	1	16	2.3
C23-C24	Gall Bladder	0	0	0	0	0	0	0	0	2	1	1	0	0	0	2	0	6	0.9
C25	Pancreas	0	0	0	0	0	0	0	0	0	0	1	0	2	1	0	1	5	0.7
C26	oth. Dig.org	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C30-C31	Nose & sinuses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C32	Larynx	0	0	0	0	0	0	0	0	0	0	1	3	0	1	4	4	13	1.9
C33-C34	Lung	0	0	0	0	0	0	1	3	1	3	3	7	3	5	3	4	33	4.7
C37-C38	Oth Thorac Org	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	0.3
C40-C41	Bone	1	0	0	5	3	1	1	0	0	0	0	0	0	0	0	1	12	1.7
C43	Skin Melanoma	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.1
C44	Other Skin	0	0	0	0	0	0	0	0	0	1	2	0	2	1	2	1	9	1.3
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.1
C47&C49	soft tissue & pns	0	0	1	1	2	0	1	1	0	1	0	0	1	2	1	1	12	1.7
C48	Retroperitoneum	1	2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	5	0.7
C50	Breast	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	4	0.6
C60	Penis	0	0	0	0	0	0	0	0	0	0	1	1	3	2	2	0	9	1.3
C61	Prostate	0	0	0	0	0	0	0	0	1	0	0	3	2	6	6	8	26	3.7
C62	Testis	0	0	0	1	3	1	3	0	0	0	0	0	0	0	0	0	8	1.1
C63	oth. Male gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C64	Kidney	1	0	0	0	0	1	0	0	2	0	0	4	0	2	1	0	11	1.6
C65	Renal Pevis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C67	Urin. Bladder	0	0	0	0	0	0	0	0	0	2	0	1	2	2	1	4	12	1.7
C68	Unspc urin. Org	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C70-C72	Brain & Nerv Sys	1	0	0	0	1	1	3	1	2	1	1	4	0	4	1	2	22	3.1
C73	Thyroid	0	0	0	0	1	0	1	1	0	0	1	1	0	0	0	1	6	0.9
C74	Adrenal gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C75	oth. Endo. Gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C77	Sec Lymph Node	0	0	0	0	0	0	0	1	2	1	2	1	5	1	0	10	23	3.3
C78	Sec Resp & Dig	0	0	0	0	0	0	0	1	2	1	3	3	1	4	2	4	21	3.0
C79	Oth Sec Org	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	3	0.4
C81	Hodg Dis	0	2	1	1	0	0	0	1	0	0	0	1	1	0	0	0	7	1.0
C82-C85 & C96	NHL	1	1	0	3	0	1	3	1	2	6	3	4	6	3	2	5	41	5.9
C88	Immunopro. Dis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C90	Myeloma	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	3	0.4
C91	Lymp Leuk	4	3	3	0	1	0	1	0	1	0	0	0	1	0	0	1	15	2.1
C92-C94	Myeloid Leuk	1	0	0	0	1	0	3	2	2	0	3	1	0	0	0	0	13	1.9
C95	Leukemia Uns	0	1	0	1	1	0	0	0	0	0	0	0	0	0	1	0	4	0.6
Oth & Unspec Sites		0	0	0	0	0	0	2	0	0	2	1	0	0	3	0	0	8	1.1
All Sites!		10	9	5	12	13	11	27	24	48	60	72	86	72	96	64	90	699	100.0
%		1.4	1.3	0.7	1.7	1.9	1.6	3.9	3.4	6.9	8.6	10.3	12.3	10.3	13.7	9.2	12.9	100.0	

**Table 1(b): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
Ratnagiri, Year: 2015-16- Female**

ICD10	SITE	00-04	05-09	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+	Total	%
C00	Lip	0	0	0	0	0	0	0	0	0	0	0	2	2	1	1	1	7	0.8
C01-C02	Tongue	0	0	0	0	1	0	0	1	2	2	2	1	4	2	4	0	19	2.2
C03-C06	Mouth	0	0	0	0	0	0	1	2	6	11	7	15	13	24	8	7	94	10.7
C07-C08	Saliv Gland	0	0	0	0	1	1	0	0	0	2	0	0	0	0	0	0	4	0.5
C09	Tonsil	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	4	0.5
C10	Oth. Oropharynx	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	3	0.3
C11	Nasopharynx	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2	0.2
C12-C13	Hypopharynx	0	0	0	0	0	0	0	1	0	2	2	1	1	3	0	0	10	1.1
C14	Pharynx	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.1
C15	Oesophagus	0	0	0	0	0	0	1	5	4	5	4	3	8	6	7	9	52	5.9
C16	Stomach	0	0	0	0	0	2	0	3	4	1	3	2	3	2	2	4	26	3.0
C17	Small Intestine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.1
C18	Colon	0	0	0	0	0	0	0	0	1	1	3	1	0	6	0	1	13	1.5
C19-C20	Rectum	0	0	0	0	1	0	3	0	2	1	1	2	3	1	1	3	18	2.1
C21	Anus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C22	Liver	0	0	0	0	0	0	0	1	0	2	0	2	3	2	1	1	12	1.4
C23-C24	Gall Bladder	0	0	0	0	0	0	1	3	0	0	2	2	0	1	1	0	10	1.1
C25	Pancreas	0	0	0	0	0	0	0	1	0	1	2	2	0	3	1	3	13	1.5
C26	Oth. Dig.org	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.1
30-31	Nose & Sinus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C32	Larynx	0	0	0	0	0	0	0	0	1	0	1	2	1	1	0	2	8	0.9
C33-C34	Lung	0	0	0	0	0	1	0	0	2	1	5	3	3	3	2	1	21	2.4
37-38	Oth.Thoracic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C40-C41	Bone	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	3	0.3
C43	Skin Melanoma	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3	0.3
C44	Oth Skin	0	0	0	0	0	0	1	1	0	2	0	2	2	2	1	4	15	1.7
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C47&C49	Soft Tissue	0	0	0	0	0	0	0	0	0	0	1	2	1	2	0	0	6	0.7
C48	Retroperitoneum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C50	Breast	0	0	0	1	1	3	5	19	32	37	16	20	40	32	16	24	246	28.0
C51	Vulva	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2	0.2
C52	Vagina	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	5	0.6
C53	Cervix	0	0	0	0	0	0	0	2	4	9	11	10	10	8	8	4	66	7.5
C54-C55	Corpus Uteri	0	0	0	0	0	0	0	1	2	3	4	6	1	5	2	0	24	2.7
C56	Ovary etc	0	0	0	0	2	1	2	7	4	10	8	8	8	2	2	2	56	6.4
C57	Oth.Fem.Gen	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2	0.2
C58	Placenta	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0.1
C64	Kidney	1	0	0	0	0	0	0	0	1	0	1	0	0	2	0	0	5	0.6
C65	Renal Pelvis	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.1
C66	Ureter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C67	Urinary Bladder	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	3	5	0.6
C68	Unspec.Urin. Org	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C70-C72	Brain & Nerv Sys	0	0	1	0	0	0	1	1	0	0	3	0	0	0	2	0	8	0.9
C73	Thyroid	0	0	0	0	0	0	1	2	0	2	0	1	1	2	0	0	9	1.0
C74	Adrenal Glands	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.1
C75	Oth. Endo. Gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C77	Sec Lymph Node	0	0	0	0	0	0	0	0	0	0	2	3	0	2	0	6	13	1.5
C78	Sec Resp & Dig Org	0	0	0	0	1	0	1	2	5	1	4	6	2	1	2	0	25	2.8
C79	Oth Sec Org	0	0	0	0	0	1	0	0	0	0	1	1	0	2	0	1	6	0.7
C81	Hodg.Dis	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0.1
C82-C85 & C96	NHL	0	0	2	0	0	0	3	2	1	3	1	2	0	3	2	2	21	2.4
C88	Immunopro Dis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C90	Myeloma	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	4	0.5
C91	Leuk Lymph.	0	0	0	0	0	1	0	1	0	1	0	1	0	2	0	0	6	0.7
C92-C94	Leuk Myeloid	1	0	0	1	0	0	0	1	1	2	1	1	1	0	0	0	9	1.0
C95	Leukemia Uns	0	0	0	1	0	0	0	0	0	0	0	3	0	0	1	0	5	0.6
Other & Unspecified Sites		0	0	0	0	0	1	0	2	1	0	0	0	2	1	1	3	11	1.3
All Sites		2		4	3	8	13	22	58	75	101	88	108	117	127	67	85	878	100.0
%		0.2	0.0	0.5	0.3	0.9	1.5	2.5	6.6	8.5	11.5	10.0	12.3	13.3	14.5	7.6	9.7	100.0	

**Table 2(a): Average Annual Age Specific, Crude Rate, Age Standardized Rate (ASR) and
Truncated Rate (35-64 yrs) (TR) of Cancer per 100, 000 Population:
Ratnagiri, Year: 2015-16-Males**

ICD	SITE	00-04	05-09	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	ASR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.2	2.8	3.2	0.0	0.0	2.0	0.5	0.4	1.2
C01-C02	Tongue	0.0	0.0	0.0	0.0	0.0	2.1	1.1	2.8	5.4	6.8	13.1	11.3	1.6	15.6	4.1	3.9	3.5	2.9	6.7
C03-C06	Mouth	0.0	0.0	0.0	0.0	0.0	1.0	4.3	4.7	12.6	16.5	17.9	19.8	28.4	32.8	22.3	19.7	8.6	7.0	15.6
C07-C08	Salivary Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	1.2	1.4	1.6	0.0	0.0	0.0	0.3	0.3	0.9
C09	Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	3.5	2.0	2.0	0.3	0.2	0.2
C10	Oth Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.4	0.0	0.0	2.0	5.9	0.4	0.3	0.4
C11	Nasopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	2.4	1.4	0.0	0.0	2.0	0.0	0.3	0.3	0.7
C12-C13	Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	2.4	5.6	6.3	8.6	10.1	9.8	1.8	1.4	2.3
C14	Pharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.1	0.1	0.0
C15	Oesophagus	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	4.9	3.6	8.5	4.7	12.1	6.1	15.8	2.4	1.9	3.2
C16	Stomach	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.9	1.8	2.9	3.6	5.6	11.0	6.9	2.0	7.9	2.0	1.7	3.8
C17	Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C18	Colon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.9	7.2	1.4	1.6	8.6	2.0	5.9	1.4	1.1	2.3
C19-C20	Rectum	0.0	0.0	0.0	0.0	0.0	1.0	2.1	0.9	0.0	2.9	1.2	4.2	1.6	6.9	6.1	2.0	1.3	1.1	1.7
C21	Anus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	1.7	4.1	0.0	0.3	0.2	0.2
C22	Liver	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	1.0	4.8	2.8	3.2	3.5	6.1	2.0	1.1	0.9	1.7
C23-C24	Gall Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.0	1.2	0.0	0.0	0.0	4.1	0.0	0.4	0.3	0.7
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	3.2	1.7	0.0	2.0	0.3	0.3	0.6
C26	oth. Dig.org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C30-C31	Nose & sinuses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C32	Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	4.2	0.0	1.7	8.1	7.9	0.9	0.6	0.7
C33-C34	Lung	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.8	0.9	2.9	3.6	9.9	4.7	8.6	6.1	7.9	2.2	1.8	3.7
C37-C38	Oth Thorac Org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4
C40-C41	Bone	1.2	0.0	0.0	3.4	2.7	1.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.8	0.9	0.0
C43	Skin Melanoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.1	0.1	0.2
C44	Other Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.4	0.0	3.2	1.7	4.1	2.0	0.6	0.5	1.0
C45	Mesothelioma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.1	0.1	0.2
C47&C49	soft tissue & pns	0.0	0.0	0.7	0.7	1.8	0.0	1.1	0.9	0.0	1.0	0.0	0.0	1.6	3.5	2.0	2.0	0.8	0.7	0.6
C48	Retroperitoneum	1.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.7	0.0	0.0	0.3	0.4	0.2
C50	Breast	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	3.9	0.3	0.2	0.4
C60	Penis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.4	4.7	3.5	4.1	0.0	0.6	0.5	1.0
C61	Prostate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	4.2	3.2	10.4	12.2	15.8	1.7	1.2	1.1
C62	Testis	0.0	0.0	0.0	0.7	2.7	1.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.0
C63	oth. Male gen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C64	Kidney	1.2	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.8	0.0	0.0	5.6	0.0	3.5	2.0	0.0	0.7	0.7	1.1
C65	Renal Pevis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C66	Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C67	Urin. Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	1.4	3.2	3.5	2.0	7.9	0.8	0.6	1.0
C68	Unspc urin. Org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C69	Eye	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C70-C72	Brain & Nerv Sys	1.2	0.0	0.0	0.0	0.9	1.0	3.2	0.9	1.8	1.0	1.2	5.6	0.0	6.9	2.0	3.9	1.5	1.3	1.6
C73	Thyroid	0.0	0.0	0.0	0.0	0.9	0.0	1.1	0.9	0.0	0.0	1.2	1.4	0.0	0.0	0.0	2.0	0.4	0.3	0.6
C74	Adrenal gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C75	oth. Endo. Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C77	Sec Lymph Node	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.8	1.0	2.4	1.4	7.9	1.7	0.0	19.7	1.5	1.2	2.3
C78	Sec Resp & Dig	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.8	1.0	3.6	4.2	1.6	6.9	4.1	7.9	1.4	1.1	2.0
C79	Oth Sec Org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	1.6	0.0	2.0	0.0	0.2	0.2	0.4
C81	Hodg Dis	0.0	1.8	0.7	0.7	0.0	0.0	0.0	0.9	0.0	0.0	0.0	1.4	1.6	0.0	0.0	0.0	0.5	0.5	0.6
C82-C85 & C96	NHL	1.2	0.9	0.0	2.0	0.0	1.0	3.2	0.9	1.8	5.8	3.6	5.6	9.5	5.2	4.1	9.8	2.7	2.4	4.2
C88	Immunopro. Dis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C90	Myeloma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	2.0	0.0	0.2	0.2	0.4
C91	Lymp Leuk	4.8	2.7	2.0	0.0	0.9	0.0	1.1	0.0	0.9	0.0	0.0	0.0	1.6	0.0	0.0	2.0	1.0	1.3	0.4
C92-C94	Myeloid Leuk	1.2	0.0	0.0	0.0	0.9	0.0	3.2	1.9	1.8	0.0	3.6	1.4	0.0	0.0	0.0	0.0	0.9	0.9	1.5
C95	Leukemia Uns	0.0	0.9	0.0	0.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.3	0.3	0.0
Oth & Unspec Sites		0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	1.9	1.2	0.0	0.0	5.2	0.0	0.0	0.5	0.5	0.6
All Sites		11.9	8.2	3.3	8.1	11.8	11.4	28.8	22.5	43.2	58.3	85.9	121.4	113.5	166.0	129.7	177.3	46.9	39.1	68.1

**Table 2(b): Average Annual Age Specific, Crude Rate, Age Standardized Rate (ASR) and Truncated Rate (35-64 yrs) (TR) of Cancer per 100, 000 Population:
Ratnagiri, Year: 2015-16-Females**

ICD10	SITE	00-04	05-09	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	ASR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.4	1.2	1.5	1.4	0.4	0.3	0.6
C01-C02	Tongue	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.8	1.5	1.8	2.2	1.2	4.8	2.3	6.1	0.0	1.1	0.9	1.9
C03-C06	Mouth	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.5	4.6	10.0	7.7	18.5	15.5	27.7	12.3	10.1	5.7	4.0	8.7
C07-C08	Saliv Gland	0.0	0.0	0.0	0.0	0.8	0.9	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4
C09	Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.2	0.0	0.0	2.9	0.2	0.2	0.3
C10	Oth. Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	0.0	0.0	0.2	0.1	0.3
C11	Nasopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.1	0.1	0.2
C12-C13	Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.8	2.2	1.2	1.2	3.5	0.0	0.0	0.6	0.5	1.2
C14	Pharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
C15	Oesophagus	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.8	3.1	4.5	4.4	3.7	9.6	6.9	10.7	13.0	3.1	2.2	4.6
C16	Stomach	0.0	0.0	0.0	0.0	0.0	1.8	0.0	2.3	3.1	0.9	3.3	2.5	3.6	2.3	3.1	5.8	1.6	1.2	2.5
C17	Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.1	0.0	0.0
C18	Colon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9	3.3	1.2	0.0	6.9	0.0	1.4	0.8	0.6	1.0
C19-C20	Rectum	0.0	0.0	0.0	0.0	0.8	0.0	2.5	0.0	1.5	0.9	1.1	2.5	3.6	1.2	1.5	4.3	1.1	0.8	1.4
C21	Anus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C22	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.8	0.0	2.5	3.6	2.3	1.5	1.4	0.7	0.5	1.3
C23-C24	Gall Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.3	0.0	0.0	2.2	2.5	0.0	1.2	1.5	0.0	0.6	0.5	1.1
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.9	2.2	2.5	0.0	3.5	1.5	4.3	0.8	0.5	1.0
C26	Oth. Dig.org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
30-31	Nose & Sinus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C32	Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.1	2.5	1.2	1.2	0.0	2.9	0.5	0.3	0.8
C33-C34	Lung	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.5	0.9	5.5	3.7	3.6	3.5	3.1	1.4	1.3	1.0	2.3
37-38	Oth.Thoracic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C40-C41	Bone	0.0	0.0	0.7	0.0	0.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
C43	Skin Melanoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.2	1.2	0.0	0.0	0.0	0.2	0.2	0.5
C44	Oth Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.0	1.8	0.0	2.5	2.4	2.3	1.5	5.8	0.9	0.6	1.1
C45	Mesothelioma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C47&C49	Soft Tissue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.5	1.2	2.3	0.0	0.0	0.4	0.3	0.6
C48	Retroperitoneum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C50	Breast	0.0	0.0	0.0	0.8	0.8	2.7	4.2	14.3	24.7	33.5	17.6	24.6	47.8	36.9	24.5	34.7	14.8	11.0	26.2
c51	Vulva	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	1.5	0.0	0.1	0.1	0.2
C52	Vagina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	2.3	1.5	0.0	0.3	0.2	0.3
C53	Cervix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.1	8.1	12.1	12.3	12.0	9.2	12.3	5.8	4.0	3.0	7.6
C54-C55	Corpus Uteri	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.5	2.7	4.4	7.4	1.2	5.8	3.1	0.0	1.4	1.1	2.8
C56	Ovary etc	0.0	0.0	0.0	0.0	1.6	0.9	1.7	5.3	3.1	9.1	8.8	9.8	9.6	2.3	3.1	2.9	3.4	2.8	7.3
C57	Oth.Fem.Gen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	1.2	0.0	0.0	0.1	0.1	0.2
C58	Placenta	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
C64	Kidney	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.1	0.0	0.0	2.3	0.0	0.0	0.3	0.3	0.3
C65	Renal Pelvis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.1	0.0	0.2
C66	Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C67	Urinary Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	1.2	0.0	4.3	0.3	0.2	0.2
C68	Unspec.Urin. Org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C69	Eye	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C70-C72	Brain & Nerv Sys	0.0	0.0	0.7	0.0	0.0	0.0	0.8	0.8	0.0	0.0	3.3	0.0	0.0	0.0	3.1	0.0	0.5	0.4	0.7
C73	Thyroid	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.5	0.0	1.8	0.0	1.2	1.2	2.3	0.0	0.0	0.5	0.4	1.0
C74	Adrenal Glands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.1	0.0	0.2
C75	Oth. Endo. Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C77	Sec Lymph Node	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	3.7	0.0	2.3	0.0	8.7	0.8	0.5	0.8
C78	Sec Resp & Dig Org	0.0	0.0	0.0	0.0	0.8	0.0	0.8	1.5	3.9	0.9	4.4	7.4	2.4	1.2	3.1	0.0	1.5	1.2	3.2
C79	Oth Sec Org	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	1.1	1.2	0.0	2.3	0.0	1.4	0.4	0.3	0.3
C81	Hodg.Dis	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
C82-C85 & C96	NHL	0.0	0.0	1.4	0.0	0.0	0.0	2.5	1.5	0.8	2.7	1.1	2.5	0.0	3.5	3.1	2.9	1.3	1.0	1.5
C88	Immunopro.Dis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C90	Myeloma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2	1.2	0.0	1.4	0.2	0.2	0.3
C91	Leuk Lymph.	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.8	0.0	0.9	0.0	1.2	0.0	2.3	0.0	0.0	0.4	0.3	0.5
C92-C94	Leuk Myeloid	1.3	0.0	0.0	0.8	0.0	0.0	0.0	0.8	0.8	1.8	1.1	1.2	1.2	0.0	0.0	0.0	0.5	0.6	1.1
C95	Leukemia Uns	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	1.5	0.0	0.3	0.2	0.5
Other & Unspecified Sites		0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.5	0.8	0.0	0.0	0.0	2.4	1.2	1.5	4.3	0.7	0.5	0.8
All Sites		2.6	0.0	2.8	2.3	6.4	11.5	18.6	43.7	58.0	91.5	96.8	132.9	139.9	146.5	102.6	122.9	52.8	39.6	88.2

**Table 3(a): Number of Incident Cancers by Site (ICD-10) and Method of Diagnosis
Ratnagiri, Year: 2015-16-Males**

ICD	SITE	Microscopic	Radiological	Clinical	DCO	Others	Grand Total	%
C00	Lip	7	0	0	0	0	7	1.0
C01-C02	Tongue	51	0	1	0	0	52	7.4
C03-C06	Mouth	120	1	1	2	4	128	18.3
C07-C08	Salivary Gland	5	0	0	0	0	5	0.7
C09	Tonsil	4	0	0	0	1	5	0.7
C10	Oth Oropharynx	5	0	1	0	0	6	0.9
C11	Nasopharynx	5	0	0	0	0	5	0.7
C12-C13	Hypopharynx	27	0	0	0	0	27	3.9
C14	Pharynx	2	0	0	0	0	2	0.3
C15	Oesophagus	34	0	0	0	2	36	5.2
C16	Stomach	28	1	0	0	1	30	4.3
C17	Small Intestine	0	0	0	0	0	0	0.0
C18	Colon	19	0	0	0	2	21	3.0
C19-C20	Rectum	20	0	0	0	0	20	2.9
C21	Anus	3	0	0	0	1	4	0.6
C22	Liver	15	1	0	0	0	16	2.3
C23-C24	Gall Bladder	4	2	0	0	0	6	0.9
C25	Pancreas	4	1	0	0	0	5	0.7
C26	oth. Dig.org	0	0	0	0	0	0	0.0
C30-C31	Nose & sinuses	0	0	0	0	0	0	0.0
C32	Larynx	12	0	0	0	1	13	1.9
C33-C34	Lung	31	0	0	1	1	33	4.7
C37-C38	Oth Thorac Org	2	0	0	0	0	2	0.3
C40-C41	Bone	12	0	0	0	0	12	1.7
C43	Skin Melanoma	1	0	0	0	0	1	0.1
C44	Other Skin	9	0	0	0	0	9	1.3
C45	Mesothelioma	1	0	0	0	0	1	0.1
C47&C49	soft tissue & pns	12	0	0	0	0	12	1.7
C48	Retroperitoneum	5	0	0	0	0	5	0.7
C50	Breast	4	0	0	0	0	4	0.6
C60	Penis	9	0	0	0	0	9	1.3
C61	Prostate	24	2	0	0	0	26	3.7
C62	Testis	8	0	0	0	0	8	1.1
C63	oth. Male gen	0	0	0	0	0	0	0.0
C64	Kidney	11	0	0	0	0	11	1.6
C65	Renal Pevis	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0.0
C67	Urin. Bladder	11	1	0	0	0	12	1.7
C68	Unspc urin. Org	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	0	0.0
C70-C72	Brain & Nerv Sys	22	0	0	0	0	22	3.1
C73	Thyroid	6	0	0	0	0	6	0.9
C74	Adrenal gland	0	0	0	0	0	0	0.0
C75	oth. Endo. Gland	0	0	0	0	0	0	0.0
C77	Sec Lymph Node	22	1	0	0	0	23	3.3
C78	Sec Resp & Dig	16	2	2	0	1	21	3.0
C79	Oth Sec Org	1	2	0	0	0	3	0.4
C81	Hodg Dis	7	0	0	0	0	7	1.0
C82-C85 & C96	NHL	41	0	0	0	0	41	5.9
C88	Immunopro. Dis	0	0	0	0	0	0	0.0
C90	Myeloma	3	0	0	0	0	3	0.4
C91	Lymp Leuk	15	0	0	0	0	15	2.1
C92-C94	Myeloid Leuk	13	0	0	0	0	13	1.9
C95	Leukemia Uns	4	0	0	0	0	4	0.6
Oth & Unspec Sites		7	0	0	1	0	8	1.1
Grand Total		662	14	5	4	14	699	100
%		94.7	2.0	0.7	0.6	2.0	100.0	0

**Table 3(b): Number of Incident Cancers by Site (ICD-10) and Method of Diagnosis :
Ratnagiri, Year: 2015-16 Females**

ICD10	SITE	Microscopic	Radiological	clinical	DCO	Others	Total	%
C00	Lip	7	0	0	0	0	7	0.8
C01-C02	Tongue	19	0	0	0	0	19	2.2
C03-C06	Mouth	88	2	4	0	0	94	10.7
C07-C08	Saliv Gland	4	0	0	0	0	4	0.5
C09	Tonsil	4	0	0	0	0	4	0.5
C10	Oth. Oropharynx	3	0	0	0	0	3	0.3
C11	Nasopharynx	2	0	0	0	0	2	0.2
C12-C13	Hypopharynx	9	0	0	0	1	10	1.1
C14	Pharynx	1	0	0	0	0	1	0.1
C15	Oesophagus	49	0	2	1	0	52	5.9
C16	Stomach	26	0	0	0	0	26	3.0
C17	Small Intestine	1	0	0	0	0	1	0.1
C18	Colon	13	0	0	0	0	13	1.5
C19-C20	Rectum	16	1	0	0	1	18	2.1
C21	Anus	0	0	0	0	0	0	0.0
C22	Liver	10	1	0	0	1	12	1.4
C23-C24	Gall Bladder	10	0	0	0	0	10	1.1
C25	Pancreas	12	0	0	0	1	13	1.5
C26	Oth. Dig.org	1	0	0	0	0	1	0.1
30-31	Nose & Sinus	0	0	0	0	0	0	0.0
C32	Larynx	8	0	0	0	0	8	0.9
C33-C34	Lung	20	1	0	0	0	21	2.4
37-38	Oth.Thorcic	0	0	0	0	0	0	0.0
C40-C41	Bone	3	0	0	0	0	3	0.3
C43	Skin Melanoma	3	0	0	0	0	3	0.3
C44	Oth Skin	15	0	0	0	0	15	1.7
C45	Mesothelioma	0	0	0	0	0	0	0.0
C47&C49	Soft Tissue	6	0	0	0	0	6	0.7
C48	Retroperitoneum	0	0	0	0	0	0	0.0
C50	Breast	240	1	1	2	2	246	28.0
c51	Vulva	2	0	0	0	0	2	0.2
C52	Vagina	5	0	0	0	0	5	0.6
C53	Cervix	61	1	1	0	3	66	7.5
C54-C55	Corpus Uteri	24	0	0	0	0	24	2.7
C56	Ovary etc	50	3	1	1	1	56	6.4
C57	Oth.Fem.Gen	2	0	0	0	0	2	0.2
C58	Placenta	1	0	0	0	0	1	0.1
C64	Kidney	5	0	0	0	0	5	0.6
C65	Renal Pelvis	1	0	0	0	0	1	0.1
C66	Ureter	0	0	0	0	0	0	0.0
C67	Urinary Bladder	5	0	0	0	0	5	0.6
C68	Unspec.Urin. Org	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	0	0.0
C70-C72	Brain & Nerv Sys	6	2	0	0	0	8	0.9
C73	Thyroid	9	0	0	0	0	9	1.0
C74	Adrenal Glands	1	0	0	0	0	1	0.1
C75	Oth. Endo. Gland	0	0	0	0	0	0	0.0
C77	Sec Lymph Node	13	0	0	0	0	13	1.5
C78	Sec Resp & Dig Org	21	2	1	0	1	25	2.8
C79	Oth Sec Org	3	2	0	1	0	6	0.7
C81	Hodg.Dis	1	0	0	0	0	1	0.1
C82-C85 & C96	NHL	21	0	0	0	0	21	2.4
C88	Immunopro.Dis	0	0	0	0	0	0	0.0
C90	Myeloma	3	0	0	0	1	4	0.5
C91	Leuk Lymph.	6	0	0	0	0	6	0.7
C92-C94	Leuk Myeloid	9	0	0	0	0	9	1.0
C95	Leukemia Uns	5	0	0	0	0	5	0.6
Other & Unspecified Sites		10	1	0	0	0	11	1.3
Grand Total		834	17	10	5	12	878	100.0
%		95.0	1.9	1.1	0.6	1.4	100.0	

**Table 4(a): Number of Incident Cancers by Site(ICD-10) and Marital Status:
Ratnagiri, Year: 2015-16-Males**

ICD	SITE	Unmarried	Married	Widow	Divorced	Separated	Others	Unknown	Total	%
C00	Lip	0	5	0	0	0	0	2	7	1.0
C01-C02	Tongue	2	39	0	0	0	0	11	52	7.4
C03-C06	Mouth	1	108	0	0	0	0	19	128	18.3
C07-C08	Salivary Gland	0	4	0	0	0	0	1	5	0.7
C09	Tonsil	0	4	0	0	0	0	1	5	0.7
C10	Oth Oropharynx	0	5	0	0	0	0	1	6	0.9
C11	Nasopharynx	0	4	0	0	0	0	1	5	0.7
C12-C13	Hypopharynx	0	25	0	0	0	0	2	27	3.9
C14	Pharynx	0	2	0	0	0	0	0	2	0.3
C15	Oesophagus	0	22	0	0	0	0	14	36	5.2
C16	Stomach	1	25	0	0	0	0	4	30	4.3
C17	Small Intestine	0	0	0	0	0	0	0	0	0.0
C18	Colon	0	12	0	0	0	0	9	21	3.0
C19-C20	Rectum	1	14	0	0	0	0	5	20	2.9
C21	Anus	0	1	0	0	0	0	3	4	0.6
C22	Liver	0	14	0	0	0	0	2	16	2.3
C23-C24	Gall Bladder	0	5	0	0	0	0	1	6	0.9
C25	Pancreas	0	3	0	0	0	0	2	5	0.7
C26	oth. Dig.org	0	0	0	0	0	0	0	0	0.0
C30-C31	Nose & sinuses	0	0	0	0	0	0	0	0	0.0
C32	Larynx	0	9	0	0	0	0	4	13	1.9
C33-C34	Lung	0	32	0	0	0	0	1	33	4.7
C37-C38	Oth Thorac Org	0	2	0	0	0	0	0	2	0.3
C40-C41	Bone	9	1	0	0	0	0	2	12	1.7
C43	Skin Melanoma	0	1	0	0	0	0	0	1	0.1
C44	Other Skin	0	6	0	0	0	0	3	9	1.3
C45	Mesothelioma	0	1	0	0	0	0	0	1	0.1
C47&C49	soft tissue & pns	2	7	0	0	0	0	3	12	1.7
C48	Retroperitoneum	3	1	0	0	0	0	1	5	0.7
C50	Breast	0	1	0	0	0	0	3	4	0.6
C60	Penis	0	7	0	0	0	0	2	9	1.3
C61	Prostate	0	20	0	0	0	0	6	26	3.7
C62	Testis	2	5	0	0	0	0	1	8	1.1
C63	oth. Male gen	0	0	0	0	0	0	0	0	0.0
C64	Kidney	2	6	1	0	0	0	2	11	1.6
C65	Renal Pevis	0	0	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0	0	0.0
C67	Urin. Bladder	0	10	0	0	0	0	2	12	1.7
C68	Unspc urin. Org	0	0	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	0	0	0	0.0
C70-C72	Brain & Nerv Sys	2	15	0	0	0	0	5	22	3.1
C73	Thyroid	0	5	0	0	0	0	1	6	0.9
C74	Adrenal gland	0	0	0	0	0	0	0	0	0.0
C75	oth. Endo. Gland	0	0	0	0	0	0	0	0	0.0
C77	Sec Lymph Node	0	15	0	0	0	0	8	23	3.3
C78	Sec Resp & Dig	0	14	0	0	0	0	7	21	3.0
C79	Oth Sec Org	0	1	0	0	0	0	2	3	0.4
C81	Hodg Dis	5	2	0	0	0	0	0	7	1.0
C82-C85 & C96	NHL	7	22	0	0	0	0	12	41	5.9
C88	Immunopro. Dis	0	0	0	0	0	0	0	0	0.0
C90	Myeloma	0	3	0	0	0	0	0	3	0.4
C91	Lymp Leuk	10	2	0	0	0	0	3	15	2.1
C92-C94	Myeloid Leuk	1	7	0	0	0	0	5	13	1.9
C95	Leukemia Uns	3	1	0	0	0	0	0	4	0.6
Oth & Unspec Sites		0	4	0	0	0	0	4	8	1.1
Grand Total		51	492	1	0	0	0	155	699	100
%		7.3	70.4	0.1	0.0	0.0	0.0	22.2	100.0	0.0

**Table 4(b): Number of Incident Cancers by Site(ICD-10) and Marital Status:
Ratnagiri, Year: 2015-16-Females**

ICD10	SITE	Unmarried	Married	Widow	Divorced	Separated	Others	Unknown	Total	%
C00	Lip	0	4	0	0	0	0	3	7	0.8
C01-C02	Tongue	0	14	1	0	0	0	4	19	2.2
C03-C06	Mouth	0	72	7	0	0	0	15	94	10.7
C07-C08	Saliv Gland	0	3	0	0	0	0	1	4	0.5
C09	Tonsil	0	2	0	0	0	1	1	4	0.5
C10	Oth. Oropharynx	0	2	0	0	0	0	1	3	0.3
C11	Nasopharynx	1	1	0	0	0	0	0	2	0.2
C12-C13	Hypopharynx	0	7	0	0	0	0	3	10	1.1
C14	Pharynx	0	1	0	0	0	0	0	1	0.1
C15	Oesophagus	0	30	4	0	0	0	18	52	5.9
C16	Stomach	0	19	1	0	0	0	6	26	3.0
C17	Small Intestine	0	0	0	0	0	0	1	1	0.1
C18	Colon	0	9	0	0	0	0	4	13	1.5
C19-C20	Rectum	0	13	1	0	0	0	4	18	2.1
C21	Anus	0	0	0	0	0	0	0	0	0.0
C22	Liver	0	8	0	1	0	0	3	12	1.4
C23-C24	Gall Bladder	0	7	1	0	0	0	2	10	1.1
C25	Pancreas	0	9	1	0	0	0	3	13	1.5
C26	Oth. Dig.org	0	1	0	0	0	0	0	1	0.1
30-31	Nose & Sinus	0	0	0	0	0	0	0	0	0.0
C32	Larynx	0	8	0	0	0	0	0	8	0.9
C33-C34	Lung	1	16	3	0	0	0	1	21	2.4
37-38	Oth.Thorcic	0	0	0	0	0	0	0	0	0.0
C40-C41	Bone	1	1	0	0	0	0	1	3	0.3
C43	Skin Melanoma	0	2	0	0	0	0	1	3	0.3
C44	Oth Skin	0	11	1	0	0	0	3	15	1.7
C45	Mesothelioma	0	0	0	0	0	0	0	0	0.0
C47&C49	Soft Tissue	0	3	1	0	0	0	2	6	0.7
C48	Retroperitoneum	0	0	0	0	0	0	0	0	0.0
C50	Breast	1	145	7	0	1	0	92	246	28.0
c51	Vulva	0	2	0	0	0	0	0	2	0.2
C52	Vagina	0	4	1	0	0	0	0	5	0.6
C53	Cervix	0	42	9	0	0	0	15	66	7.5
C54-C55	Corpus Uteri	0	17	1	0	0	0	6	24	2.7
C56	Ovary etc	2	40	0	0	0	0	14	56	6.4
C57	Oth.Fem.Gen	0	2	0	0	0	0	0	2	0.2
C58	Placenta	0	1	0	0	0	0	0	1	0.1
C64	Kidney	1	2	0	0	0	0	2	5	0.6
C65	Renal Pelvis	0	0	0	0	0	0	1	1	0.1
C66	Ureter	0	0	0	0	0	0	0	0	0.0
C67	Urinary Bladder	0	4	0	0	0	0	1	5	0.6
C68	Unspec.Urin. Org	0	0	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	0	0	0	0.0
C70-C72	Brain & Nerv Sys	1	4	0	0	0	0	3	8	0.9
C73	Thyroid	0	8	0	0	0	0	1	9	1.0
C74	Adrenal Glands	0	1	0	0	0	0	0	1	0.1
C75	Oth. Endo. Gland	0	0	0	0	0	0	0	0	0.0
C77	Sec Lymph Node	0	8	0	0	0	0	5	13	1.5
C78	Sec Resp & Dig Org	0	22	0	0	0	0	3	25	2.8
C79	Oth Sec Org	0	4	0	0	0	0	2	6	0.7
C81	Hodg.Dis	1	0	0	0	0	0	0	1	0.1
C82-C85 & C96	NHL	2	15	1	0	0	0	3	21	2.4
C88	Immunopro.Dis	0	0	0	0	0	0	0	0	0.0
C90	Myeloma	0	3	1	0	0	0	0	4	0.5
C91	Leuk Lymph.	0	4	0	0	0	0	2	6	0.7
C92-C94	Leuk Myeloid	1	6	0	0	0	0	2	9	1.0
C95	Leukemia Uns	1	3	0	0	0	0	1	5	0.6
Other & Unspecified Sites		0	5	2	0	0	0	4	11	1.3
Grand Total		13	585	43	1	1	1	234	878	100.0
%		1.5	66.6	4.9	0.1	0.1	0.1	26.7	100.0	

**Table 5(a): Number of Incident Cancers by Site (ICD-10) and Mother Tongue:Ratnagiri,
Year: 2015-16-Males**

ICD	SITE	Asami	Gujrathi	Rajastha.	Hindi	Kanada	Marathi	Urdu	Telgu	Konkani	Oth.	Unk	Total	%
C00	Lip	0	0	0	1	0	4	0	0	0	0	2	7	1.0
C01-C02	Tongue	0	0	0	1	0	36	2	0	0	0	13	52	7.4
C03-C06	Mouth	0	0	0	0	0	107	1	1	0	0	19	128	18.3
C07-C08	Salivary Gland	0	0	0	0	0	4	0	0	0	0	1	5	0.7
C09	Tonsil	0	0	0	0	0	4	0	0	0	0	1	5	0.7
C10	Oth Oropharynx	0	0	0	0	0	5	0	0	0	0	1	6	0.9
C11	Nasopharynx	0	0	0	0	0	4	0	0	0	0	1	5	0.7
C12-C13	Hypopharynx	0	0	0	1	0	23	0	0	0	0	3	27	3.9
C14	Pharynx	0	0	0	0	0	2	0	0	0	0	0	2	0.3
C15	Oesophagus	0	0	0	2	0	20	0	0	0	0	14	36	5.2
C16	Stomach	0	0	0	2	0	20	2	0	1	0	5	30	4.3
C17	Small Intestine	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C18	Colon	0	0	0	0	0	12	0	0	1	0	8	21	3.0
C19-C20	Rectum	0	1	0	0	0	13	1	0	0	0	5	20	2.9
C21	Anus	0	0	0	0	0	1	0	0	0	0	3	4	0.6
C22	Liver	0	0	0	0	0	15	0	0	0	0	1	16	2.3
C23-C24	Gall Bladder	0	0	0	0	0	4	0	0	0	0	2	6	0.9
C25	Pancreas	0	0	0	1	0	3	0	0	0	0	1	5	0.7
C26	oth. Dig.org	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C30-C31	Nose & sinuses	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C32	Larynx	0	0	0	0	0	9	0	0	0	0	4	13	1.9
C33-C34	Lung	0	0	0	2	0	29	1	0	0	0	1	33	4.7
C37-C38	Oth Thorac Org	0	0	0	0	0	2	0	0	0	0	0	2	0.3
C40-C41	Bone	0	0	0	0	0	9	1	0	0	0	2	12	1.7
C43	Skin Melanoma	0	0	0	0	0	1	0	0	0	0	0	1	0.1
C44	Other Skin	0	0	0	0	0	6	0	0	0	0	3	9	1.3
C45	Mesothelioma	0	0	0	0	0	1	0	0	0	0	0	1	0.1
C47&C49	soft tissue & pns	0	0	0	0	0	8	0	0	0	0	4	12	1.7
C48	Retropéritoneum	0	0	0	0	0	4	0	0	0	0	1	5	0.7
C50	Breast	0	0	0	0	0	1	0	0	0	0	3	4	0.6
C60	Penis	0	0	0	0	0	8	0	0	0	0	1	9	1.3
C61	Prostate	0	0	0	0	0	20	0	0	0	0	6	26	3.7
C62	Testis	0	0	0	0	0	7	0	0	0	0	1	8	1.1
C63	oth. Male gen	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C64	Kidney	0	0	0	0	1	9	0	0	0	0	1	11	1.6
C65	Renal Pevis	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C67	Urin. Bladder	0	0	0	0	0	10	0	0	0	0	2	12	1.7
C68	Unspc urin. Org	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C70-C72	Brain & Nerv Sys	0	0	0	0	0	17	0	0	0	0	5	22	3.1
C73	Thyroid	0	0	0	0	0	4	1	0	0	0	1	6	0.9
C74	Adrenal gland	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C75	oth. Endo. Gland	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C77	Sec Lymph Node	0	0	0	1	0	14	0	0	0	0	8	23	3.3
C78	Sec Resp & Dig	0	0	0	0	0	14	0	0	0	0	7	21	3.0
C79	Oth Sec Org	0	0	0	0	0	1	0	0	0	0	2	3	0.4
C81	Hodg Dis	0	0	0	1	0	6	0	0	0	0	0	7	1.0
C82-C85 & C96	NHL	0	0	0	1	0	29	0	0	0	0	11	41	5.9
C88	Immunopro. Dis	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C90	Myeloma	0	0	0	0	0	3	0	0	0	0	0	3	0.4
C91	Lymp Leuk	0	0	0	1	0	10	1	0	0	0	3	15	2.1
C92-C94	Myeloid Leuk	0	0	0	0	0	8	0	0	0	0	5	13	1.9
C95	Leukemia Uns	0	0	0	0	0	3	1	0	0	0	0	4	0.6
Oth & Unspec Sites		0	0	0	0	0	4	0	0	0	0	4	8	1.1
Grand Total		0	1	0	14	1	514	11	1	2	0	155	699	100
%		0	0.1	0.0	2.0	0.1	73.5	1.6	0.1	0.3	0.0	22.2	100.0	0.0

**Table 5(b): Number of Incident Cancers by Site (ICD-10) and Mother Tongue:Ratnagiri,
Year: 2015-16-Females**

ICD10	SITE	Assami	Gujrathi	Rajasthani	Hindi	Kannada	Marathi	Urdu	telgu	Konkani	Others	Unk	Total	%
C00	Lip	0	0	0	0	0	4	0	0	0	0	3	7	0.8
C01-C02	Tongue	0	1	0	0	0	14	0	0	0	0	4	19	2.2
C03-C06	Mouth	0	0	0	2	0	75	1	0	0	0	16	94	10.7
C07-C08	Saliv Gland	0	0	0	0	0	3	0	0	0	0	1	4	0.5
C09	Tonsil	0	0	0	0	0	3	0	0	0	0	1	4	0.5
C10	Oth. Oropharynx	0	0	0	0	0	2	0	0	0	0	1	3	0.3
C11	Nasopharynx	0	0	0	0	0	2	0	0	0	0	0	2	0.2
C12-C13	Hypopharynx	0	0	0	0	0	7	0	0	0	0	3	10	1.1
C14	Pharynx	0	0	0	0	0	1	0	0	0	0	0	1	0.1
C15	Oesophagus	0	0	0	0	0	34	0	0	0	0	18	52	5.9
C16	Stomach	0	0	0	2	0	17	1	0	0	0	6	26	3.0
C17	Small Intestine	0	0	0	0	0	0	0	0	0	0	1	1	0.1
C18	Colon	0	0	0	0	0	9	0	0	0	0	4	13	1.5
C19-C20	Rectum	0	0	1	1	0	13	0	0	0	0	3	18	2.1
C21	Anus	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C22	Liver	0	0	0	0	0	9	0	0	0	0	3	12	1.4
C23-C24	Gall Bladder	0	0	0	1	0	7	0	0	0	0	2	10	1.1
C25	Pancreas	0	0	0	0	0	10	0	0	1	0	2	13	1.5
C26	Oth. Dig.org	0	0	0	0	0	1	0	0	0	0	0	1	0.1
30-31	Nose & Sinus	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C32	Larynx	0	0	0	0	0	8	0	0	0	0	0	8	0.9
C33-C34	Lung	0	0	0	0	0	20	0	0	0	0	1	21	2.4
37-38	Oth.Thorcic	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C40-C41	Bone	0	0	0	0	0	2	0	0	0	0	1	3	0.3
C43	Skin Melanoma	0	0	0	0	0	2	0	0	0	0	1	3	0.3
C44	Oth Skin	0	0	0	0	0	12	0	0	0	0	3	15	1.7
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C47&C49	Soft Tissue	0	0	0	0	0	3	1	0	0	0	2	6	0.7
C48	Retroperitoneum	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C50	Breast	0	0	0	8	0	138	7	0	0	0	93	246	28.0
c51	Vulva	0	0	0	0	0	2	0	0	0	0	0	2	0.2
C52	Vagina	0	0	0	0	0	5	0	0	0	0	0	5	0.6
C53	Cervix	0	0	0	1	0	51	0	0	0	0	14	66	7.5
C54-C55	Corpus Uteri	0	0	0	2	0	15	0	0	0	0	7	24	2.7
C56	Ovary etc	0	0	0	0	0	42	0	0	1	0	13	56	6.4
C57	Oth.Fem.Gen	0	0	0	0	0	2	0	0	0	0	0	2	0.2
C58	Placenta	0	0	0	0	0	0	0	0	0	1	0	1	0.1
C64	Kidney	0	0	0	0	0	3	0	0	0	0	2	5	0.6
C65	Renal Pelvis	0	0	0	0	0	0	0	0	0	0	1	1	0.1
C66	Ureter	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C67	Urinary Bladder	0	0	0	0	0	4	0	0	0	0	1	5	0.6
C68	Unspec.Urin. Org	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C70-C72	Brain & Nerv Sys	1	0	0	0	0	6	1	0	0	0	0	8	0.9
C73	Thyroid	0	0	0	1	1	6	0	0	0	0	1	9	1.0
C74	Adrenal Glands	0	0	0	0	0	1	0	0	0	0	0	1	0.1
C75	Oth. Endo. Gland	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C77	Sec Lymph Node	0	0	0	0	0	8	0	0	0	0	5	13	1.5
C78	Sec Resp & Dig Org	0	0	0	1	0	21	0	0	0	0	3	25	2.8
C79	Oth Sec Org	0	0	0	0	0	4	0	0	0	0	2	6	0.7
C81	Hodg.Dis	0	0	0	0	0	1	0	0	0	0	0	1	0.1
C82-C85 & C96	NHL	0	0	0	0	0	17	0	0	0	1	3	21	2.4
C88	Immunopro.Dis	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C90	Myeloma	0	0	0	0	0	3	0	0	0	0	1	4	0.5
C91	Leuk Lymph.	0	0	0	0	0	4	0	0	0	0	2	6	0.7
C92-C94	Leuk Myeloid	0	0	0	0	0	7	0	0	0	0	2	9	1.0
C95	Leukemia Uns	0	0	0	0	0	3	0	0	0	1	1	5	0.6
Other & Unspecified Sites		0	0	0	0	0	7	0	0	0	0	4	11	1.3
All Sites		1	1	1	19	1	608	11	0	2	3	231	878	100.0
%		0.1	0.1	0.1	2.2	0.1	69.2	1.3	0.0	0.2	0.3	26.3	100.0	0.0

**Table 6(a): Number of Incident Cancers by Site (ICD-10) and Religion: Ratnagiri,
Year: 2015-16 Males**

ICD	SITE	Hindu	Muslim	Christian	Jain	Neo-Buddhist	others	unk	Total	%
C00	Lip	4	1	0	0	0	0	2	7	1.0
C01-C02	Tongue	30	4	0	0	5	0	13	52	7.4
C03-C06	Mouth	98	5	0	0	6	0	19	128	18.3
C07-C08	Salivary Gland	4	0	0	0	0	0	1	5	0.7
C09	Tonsil	4	0	0	0	0	0	1	5	0.7
C10	Oth Oropharynx	6	0	0	0	0	0	0	6	0.9
C11	Nasopharynx	3	0	0	0	1	0	1	5	0.7
C12-C13	Hypopharynx	21	1	0	0	2	0	3	27	3.9
C14	Pharynx	1	0	0	0	1	0	0	2	0.3
C15	Oesophagus	17	4	0	0	2	0	13	36	5.2
C16	Stomach	18	7	0	0	0	0	5	30	4.3
C17	Small Intestine	0	0	0	0	0	0	0	0	0.0
C18	Colon	10	1	0	0	2	0	8	21	3.0
C19-C20	Rectum	15	1	0	0	0	0	4	20	2.9
C21	Anus	1	0	0	0	0	0	3	4	0.6
C22	Liver	14	1	0	0	0	0	1	16	2.3
C23-C24	Gall Bladder	5	1	0	0	0	0	0	6	0.9
C25	Pancreas	3	1	0	0	0	0	1	5	0.7
C26	oth. Dig.org	0	0	0	0	0	0	0	0	0.0
C30-C31	Nose & sinuses	0	0	0	0	0	0	0	0	0.0
C32	Larynx	6	0	1	0	2	0	4	13	1.9
C33-C34	Lung	25	6	0	0	1	0	1	33	4.7
C37-C38	Oth Thorac Org	2	0	0	0	0	0	0	2	0.3
C40-C41	Bone	7	1	0	1	1	0	2	12	1.7
C43	Skin Melanoma	1	0	0	0	0	0	0	1	0.1
C44	Other Skin	6	0	0	0	0	0	3	9	1.3
C45	Mesothelioma	0	1	0	0	0	0	0	1	0.1
C47&C49	soft tissue & pns	7	3	0	0	0	0	2	12	1.7
C48	Retroperitoneum	4	0	0	0	0	0	1	5	0.7
C50	Breast	0	1	0	0	0	0	3	4	0.6
C60	Penis	6	0	0	0	1	0	2	9	1.3
C61	Prostate	15	3	0	0	1	0	7	26	3.7
C62	Testis	6	0	0	0	1	0	1	8	1.1
C63	oth. Male gen	0	0	0	0	0	0	0	0	0.0
C64	Kidney	8	1	0	0	0	0	2	11	1.6
C65	Renal Pevis	0	0	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0	0	0.0
C67	Urin. Bladder	9	0	0	0	1	0	2	12	1.7
C68	Unspc urin. Org	0	0	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	0	0	0	0.0
C70-C72	Brain & Nerv Sys	16	0	0	0	1	0	5	22	3.1
C73	Thyroid	3	2	0	0	0	0	1	6	0.9
C74	Adrenal gland	0	0	0	0	0	0	0	0	0.0
C75	oth. Endo. Gland	0	0	0	0	0	0	0	0	0.0
C77	Sec Lymph Node	13	1	0	0	1	0	8	23	3.3
C78	Sec Resp & Dig	12	1	0	0	1	0	7	21	3.0
C79	Oth Sec Org	1	0	0	0	0	0	2	3	0.4
C81	Hodg Dis	6	1	0	0	0	0	0	7	1.0
C82-C85 & C96	NHL	26	2	0	0	2	0	11	41	5.9
C88	Immunopro. Dis	0	0	0	0	0	0	0	0	0.0
C90	Myeloma	2	0	0	0	1	0	0	3	0.4
C91	Lymp Leuk	10	2	0	0	0	0	3	15	2.1
C92-C94	Myeloid Leuk	8	0	0	0	0	0	5	13	1.9
C95	Leukemia Uns	2	1	0	0	1	0	0	4	0.6
Oth & Unspec Sites		2	0	0	0	2	0	4	8	1.1
Grand Total		457	53	1	1	36		151	699	100
%		65.4	7.6	0.1	0.1	5.2	0.0	21.6	100.0	

**Table 6(b): Number of Incident Cancers by Site (ICD-10) and Religion: Ratnagiri,
Year: 2015-16-Females**

ICD10	SITE	Hindu	Muslim	Christian	Jain	Neo-Buddhist	Others	Unk	Total	%
C00	Lip	4	0	0	0	0	0	3	7	0.8
C01-C02	Tongue	15	0	0	0	0	0	4	19	2.2
C03-C06	Mouth	66	5	0	0	7	0	16	94	10.7
C07-C08	Saliv Gland	3	0	0	0	0	0	1	4	0.5
C09	Tonsil	3	0	0	0	0	0	1	4	0.5
C10	Oth. Oropharynx	1	1	0	0	0	0	1	3	0.3
C11	Nasopharynx	2	0	0	0	0	0	0	2	0.2
C12-C13	Hypopharynx	5	0	0	0	2	0	3	10	1.1
C14	Pharynx	1	0	0	0	0	0	0	1	0.1
C15	Oesophagus	32	0	0	0	2	0	18	52	5.9
C16	Stomach	15	2	0	0	2	0	7	26	3.0
C17	Small Intestine	0	0	0	0	0	0	1	1	0.1
C18	Colon	8	1	0	0	0	0	4	13	1.5
C19-C20	Rectum	11	3	0	0	1	0	3	18	2.1
C21	Anus	0	0	0	0	0	0	0	0	0.0
C22	Liver	7	1	0	0	1	0	3	12	1.4
C23-C24	Gall Bladder	6	1	0	0	2	0	1	10	1.1
C25	Pancreas	9	2	0	0	0	0	2	13	1.5
C26	Oth. Dig.org	1	0	0	0	0	0	0	1	0.1
30-31	Nose & Sinus	0	0	0	0	0	0	0	0	0.0
C32	Larynx	7	0	0	0	1	0	0	8	0.9
C33-C34	Lung	18	0	0	0	2	0	1	21	2.4
37-38	Oth.Thoracic	0	0	0	0	0	0	0	0	0.0
C40-C41	Bone	2	0	0	0	0	0	1	3	0.3
C43	Skin Melanoma	2	0	0	0	0	0	1	3	0.3
C44	Oth Skin	10	0	0	0	2	0	3	15	1.7
C45	Mesothelioma	0	0	0	0	0	0	0	0	0.0
C47&C49	Soft Tissue	3	1	0	0	0	0	2	6	0.7
C48	Retroperitoneum	0	0	0	0	0	0	0	0	0.0
C50	Breast	120	28	0	1	6	0	91	246	28.0
C51	Vulva	2	0	0	0	0	0	0	2	0.2
C52	Vagina	4	0	0	0	0	0	1	5	0.6
C53	Cervix	41	2	0	0	7	0	16	66	7.5
C54-C55	Corpus Uteri	11	5	0	0	0	0	8	24	2.7
C56	Ovary etc	36	6	0	0	1	0	13	56	6.4
C57	Oth.Fem.Gen	2	0	0	0	0	0	0	2	0.2
C58	Placenta	1	0	0	0	0	0	0	1	0.1
C64	Kidney	3	0	0	0	0	0	2	5	0.6
C65	Renal Pelvis	0	0	0	0	0	0	1	1	0.1
C66	Ureter	0	0	0	0	0	0	0	0	0.0
C67	Urinary Bladder	3	0	0	0	1	0	1	5	0.6
C68	Unspec.Urin. Org	0	0	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	0	0	0	0.0
C70-C72	Brain & Nerv Sys	4	2	0	0	2	0	0	8	0.9
C73	Thyroid	6	2	0	0	0	0	1	9	1.0
C74	Adrenal Glands	0	0	0	0	1	0	0	1	0.1
C75	Oth. Endo. Gland	0	0	0	0	0	0	0	0	0.0
C77	Sec Lymph Node	8	0	0	0	0	0	5	13	1.5
C78	Sec Resp & Dig Org	19	2	0	0	2	0	2	25	2.8
C79	Oth Sec Org	4	0	0	0	0	0	2	6	0.7
C81	Hodg.Dis	1	0	0	0	0	0	0	1	0.1
C82-C85 & C96	NHL	15	1	0	0	1	1	3	21	2.4
C88	Immunopro.Dis	0	0	0	0	0	0	0	0	0.0
C90	Myeloma	3	0	0	0	0	0	1	4	0.5
C91	Leuk Lymph.	4	0	0	0	0	0	2	6	0.7
C92-C94	Leuk Myeloid	7	0	0	0	0	0	2	9	1.0
C95	Leukemia Uns	3	0	0	0	0	1	1	5	0.6
Other & Unspecified Sites		6	0	0	0	1	0	4	11	1.3
Grand Total		534	65	0	1	44	2	232	878	100.0
%		60.8	7.4	0.0	0.1	5.0	0.2	26.4	100.0	

**Table 7(a): Number of Incident Cancers by Site (ICD-10) and Education: Ratnagiri,
Year: 2015-16-Males**

ICD	SITE	<5yrs	Illiterate	Literate	Prim	Middle	Secondary	Technical	Collge &abv	Others	Unk	Total	%
C00	Lip	0	0	2	1	1	0	0	1	0	2	7	1.0
C01-C02	Tongue	0	2	7	9	11	6	0	3	0	14	52	7.4
C03-C06	Mouth	0	16	18	33	19	17	1	4	1	19	128	18.3
C07-C08	Salivary Gland	0	0	0	1	0	3	0	0	0	1	5	0.7
C09	Tonsil	0	1	0	1	0	1	0	1	0	1	5	0.7
C10	Oth Oropharynx	0	3	1	1	0	0	0	0	0	1	6	0.9
C11	Nasopharynx	0	0	0	3	0	1	0	0	0	1	5	0.7
C12-C13	Hypopharynx	0	5	8	8	1	1	0	0	0	4	27	3.9
C14	Pharynx	0	0	0	2	0	0	0	0	0	0	2	0.3
C15	Oesophagus	0	5	3	7	2	2	0	0	0	17	36	5.2
C16	Stomach	0	2	3	9	6	1	0	1	0	8	30	4.3
c17	Small Intestine	0	0	0	0	0	0	0	0	0	0	0	0.0
C18	Colon	0	3	0	4	2	3	0	0	0	9	21	3.0
C19-C20	Rectum	0	2	0	5	2	6	0	0	0	5	20	2.9
C21	Anus	0	0	0	0	1	0	0	0	0	3	4	0.6
C22	Liver	0	3	1	5	2	3	0	1	0	1	16	2.3
C23-C24	Gall Bladder	0	0	0	2	1	0	0	0	0	3	6	0.9
C25	Pancreas	0	1	1	0	1	1	0	0	1	0	5	0.7
c26	oth. Dig.org	0	0	0	0	0	0	0	0	0	0	0	0.0
C30-C31	Nose &sinuses	0	0	0	0	0	0	0	0	0	0	0	0.0
C32	Larynx	0	1	3	3	2	0	0	0	0	4	13	1.9
C33-C34	Lung	0	2	3	12	5	7	0	1	0	3	33	4.7
C37-C38	Oth Thorac Org	0	0	0	0	0	2	0	0	0	0	2	0.3
C40-C41	Bone	1	0	1	2	1	2	1	2	0	2	12	1.7
C43	Skin Melanoma	0	0	0	0	0	0	0	1	0	0	1	0.1
C44	Other Skin	0	1	1	3	0	1	0	0	0	3	9	1.3
C45	Mesothelioma	0	0	0	1	0	0	0	0	0	0	1	0.1
C47&C49	soft tissue & pns	0	1	2	2	1	1	1	0	0	4	12	1.7
C48	Retroperitoneum	1	1	0	1	0	0	0	0	1	1	5	0.7
C50	Breast	0	0	0	0	1	0	0	0	0	3	4	0.6
C60	Penis	0	0	1	4	2	0	0	0	0	2	9	1.3
C61	Prostate	0	5	1	9	1	3	0	0	0	7	26	3.7
C62	Testis	0	0	0	0	1	3	0	2	0	2	8	1.1
C63	oth. Male gen	0	0	0	0	0	0	0	0	0	0	0	0.0
C64	Kidney	1	0	1	3	2	1	0	1	0	2	11	1.6
C65	Renal Pevis	0	0	0	0	0	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0	0	0	0	0	0.0
C67	Urin. Bladder	0	1	1	7	0	0	0	0	0	3	12	1.7
C68	Unspc urin. Org	0	0	0	0	0	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	0	0	0	0	0	0	0.0
C70-C72	Brain & Nerv Sys	0	0	2	3	9	1	0	0	1	6	22	3.1
C73	Thyroid	0	0	0	2	2	1	0	0	0	1	6	0.9
C74	Adrenal gland	0	0	0	0	0	0	0	0	0	0	0	0.0
C75	oth. Endo. Gland	0	0	0	0	0	0	0	0	0	0	0	0.0
C77	Sec Lymph Node	0	5	0	5	5	0	0	0	0	8	23	3.3
C78	Sec Resp & Dig	0	3	4	2	2	2	0	0	0	8	21	3.0
C79	Oth Sec Org	0	0	0	1	0	0	0	0	0	2	3	0.4
C81	Hodg Dis	0	0	1	3	1	1	0	0	1	0	7	1.0
C82-C85 & C96	NHL	1	0	6	12	4	3	0	3	0	12	41	5.9
C88	Immunopro. Dis	0	0	0	0	0	0	0	0	0	0	0	0.0
C90	Myeloma	0	2	1	0	0	0	0	0	0	0	3	0.4
C91	Lymp Leuk	4	2	0	3	1	2	0	0	0	3	15	2.1
C92-C94	Myeloid Leuk	1	2	1	2	2	0	0	0	0	5	13	1.9
C95	Leukemia Uns	0	0	0	1	0	3	0	0	0	0	4	0.6
Oth & Unspec Sites		0	0	3	0	1	0	0	0	0	4	8	1.1
Grand Total		9	69	76	172	92	78	3	21	5	174	699	100.0
%		1.3	9.9	10.9	24.6	13.2	11.2	0.4	3.0	0.7	24.9	100.0	0.0

**Table 7(b): Number of Incident Cancers by Site (ICD-10) and Education: Ratnagiri,
Year: 2015-16-Females**

ICD10	SITE	<5yrs	Illiterate	Literate	Primary	Middle	Secondary	Technical	College& Abv	Others	unk	TOTAL	%
C00	Lip	0	0	2	2	0	0	0	0	0	3	7	0.8
C01-C02	Tongue	0	7	1	3	3	1	0	0	0	4	19	2.2
C03-C06	Mouth	0	39	10	18	5	5	0	1	0	16	94	10.7
C07-C08	Saliv Gland	0	0	0	0	1	0	0	0	0	3	4	0.5
C09	Tonsil	0	2	0	1	0	0	0	0	0	1	4	0.5
C10	Oth. Oropharynx	0	2	0	0	0	0	0	0	0	1	3	0.3
C11	Nasopharynx	0	0	0	0	1	1	0	0	0	0	2	0.2
C12-C13	Hypopharynx	0	3	1	1	2	0	0	0	0	3	10	1.1
C14	Pharynx	0	0	0	1	0	0	0	0	0	0	1	0.1
C15	Oesophagus	0	16	2	13	0	2	0	0	0	19	52	5.9
C16	Stomach	0	8	3	3	1	4	0	0	0	7	26	3.0
C17	Small Intestine	0	0	0	0	0	0	0	0	0	1	1	0.1
C18	Colon	0	2	2	2	2	1	0	0	0	4	13	1.5
C19-C20	Rectum	0	5	2	2	0	0	0	0	0	9	18	2.1
C21	Anus	0	0	0	0	0	0	0	0	0	0	0	0.0
C22	Liver	0	4	0	2	2	0	0	0	0	4	12	1.4
C23-C24	Gall Bladder	0	2	0	2	2	2	0	0	0	2	10	1.1
C25	Pancreas	0	6	2	0	1	0	0	0	0	4	13	1.5
C26	Oth. Dig.org	0	0	0	0	1	0	0	0	0	0	1	0.1
30-31	Nose & Sinus	0	0	0	0	0	0	0	0	0	0	0	0.0
C32	Larynx	0	4	1	1	1	1	0	0	0	0	8	0.9
C33-C34	Lung	0	5	3	4	3	4	0	1	0	1	21	2.4
37-38	Oth.Thoracic	0	0	0	0	0	0	0	0	0	0	0	0.0
C40-C41	Bone	0	0	0	0	1	0	0	0	1	1	3	0.3
C43	Skin Melanoma	0	0	1	0	0	0	0	0	1	1	3	0.3
C44	Oth Skin	0	7	0	3	1	1	0	0	0	3	15	1.7
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0.0
C47&C49	Soft Tissue	0	0	1	1	2	0	0	0	0	2	6	0.7
C48	Retroperitoneum	0	0	0	0	0	0	0	0	0	0	0	0.0
C50	Breast	0	32	20	33	27	26	0	9	3	96	246	28.0
C51	Vulva	0	1	0	0	1	0	0	0	0	0	2	0.2
C52	Vagina	0	0	2	1	0	0	0	1	0	1	5	0.6
C53	Cervix	0	19	10	16	4	0	0	0	0	17	66	7.5
C54-C55	Corpus Uteri	0	2	3	4	3	2	0	1	0	9	24	2.7
C56	Ovary etc	0	10	2	13	3	9	0	3	0	16	56	6.4
C57	Oth.Fem.Gen	0	0	0	1	1	0	0	0	0	0	2	0.2
C58	Placenta	0	1	0	0	0	0	0	0	0	0	1	0.1
C64	Kidney	1	1	0	1	0	0	0	0	0	2	5	0.6
C65	Renal Pelvis	0	0	0	0	0	0	0	0	0	1	1	0.1
C66	Ureter	0	0	0	0	0	0	0	0	0	0	0	0.0
C67	Urinary Bladder	0	2	2	0	0	0	0	0	0	1	5	0.6
C68	Unspec.Urin. Org	0	0	0	0	0	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	0	0	0	0	0	0	0.0
C70-C72	Brain & Nerv Sys	0	1	0	4	0	2	0	1	0	0	8	0.9
C73	Thyroid	0	2	3	2	1	0	0	0	0	1	9	1.0
C74	Adrenal Glands	0	1	0	0	0	0	0	0	0	0	1	0.1
C75	Oth. Endo. Gland	0	0	0	0	0	0	0	0	0	0	0	0.0
C77	Sec Lymph Node	0	4	0	2	0	1	0	1	0	5	13	1.5
C78	Sec Resp & Dig Org	0	3	5	5	5	3	0	1	0	3	25	2.8
C79	Oth Sec Org	0	2	0	1	0	1	0	0	0	2	6	0.7
C81	Hodg.Dis	0	1	0	0	0	0	0	0	0	0	1	0.1
C82-C85 & C96	NHL	0	2	1	4	2	4	0	2	2	4	21	2.4
C88	Immunopro.Dis	0	0	0	0	0	0	0	0	0	0	0	0.0
C90	Myeloma	0	1	0	2	0	0	0	0	0	1	4	0.5
C91	Leuk Lymph.	0	0	0	2	0	2	0	0	0	2	6	0.7
C92-C94	Leuk Myeloid	1	1	2	1	2	1	0	0	0	1	9	1.0
C95	Leukemia Uns	0	1	0	1	1	0	0	0	1	1	5	0.6
Other & Unspecified Sites		0	3	1	2	0	1	0	0	0	4	11	1.3
All Sites		2	202	82	154	79	74	0	21	8	256	878	100.0
%		0.2	23.0	9.3	17.5	9.0	8.4	0.0	2.4	0.9	29.2	100.0	0.0

**Table 8(a): Number of Cancer Deaths by Five Year Age Group and Site (ICD-10):
Ratnagiri, Year: 2015-16-Males**

ICD	SITE	00-04	05-09	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+	Total	%
C00	Lip	0	0	0	0	0	0	0	0	1	1	1	0	1	0	2	0	6	1.4
C01-C02	Tongue	0	0	0	0	0	0	2	0	2	1	2	3	2	4	2	0	18	4.3
C03-C06	Mouth	0	0	0	0	0	0	1	3	5	5	16	7	13	14	7	4	75	17.9
C07-C08	Salivary Gland	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	0.5
C09	Tonsil	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	2	6	1.4
C10	Oth Oropharynx	0	0	0	0	1	0	0	0	0	0	1	2	1	0	1	3	9	2.1
C11	Nasopharynx	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0.2
C12-C13	Hypopharynx	0	0	0	0	0	0	0	0	0	0	0	2	3	1	4	5	15	3.6
C14	Pharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0.5
C15	Oesophagus	0	0	0	0	0	0	0	0	0	5	1	5	0	5	3	4	23	5.5
C16	Stomach	0	0	0	0	1	1	0	1	0	1	2	3	4	3	2	3	21	5.0
c17	Small Intestine	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.2
C18	Colon	0	0	0	0	0	0	0	0	2	2	1	0	3	2	2	2	14	3.3
C19-C20	Rectum	0	0	0	0	0	0	1	0	1	3	0	0	2	2	3	4	16	3.8
C21	Anus	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2	0.5
C22	Liver	0	0	0	0	0	0	0	0	0	2	3	1	2	1	2	1	12	2.9
C23-C24	Gall Bladder	0	0	0	0	0	0	0	0	1	0	2	1	0	1	1	0	6	1.4
C25	Pancreas	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	3	0.7
c26	oth. Dig.org	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C30-C31	Nose & sinuses	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2	0.5
C32	Larynx	0	0	0	0	0	0	0	0	0	1	0	3	0	1	1	2	8	1.9
C33-C34	Lung	0	0	0	0	0	1	0	2	1	0	3	5	3	4	3	2	24	5.7
C37-C38	Oth Thorac Org	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.2
C40-C41	Bone	0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	1	6	1.4
C43	Skin Melanoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C44	Other Skin	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	5	1.2
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.2
C47&C49	soft tissue & pns	0	1	0	0	0	1	1	0	0	2	0	0	0	1	0	1	7	1.7
C48	Retroperitoneum	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	3	0.7
C50	Breast	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.2
C60	Penis	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	0	7	1.7
C61	Prostate	0	0	0	0	0	0	0	1	0	0	1	0	2	2	6	2	14	3.3
C62	Testis	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	3	0.7
C63	oth. Male gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C64	Kidney	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	4	1.0
C65	Renal Pevis	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.2
C66	Ureter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C67	Urin. Bladder	0	0	0	0	0	0	0	0	0	1	0	0	1	2	2	2	8	1.9
C68	Unspc urin. Org	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C70-C72	Brain & Nerv Sys	0	0	0	1	0	1	4	0	1	0	2	0	1	2	0	1	13	3.1
C73	Thyroid	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0.5
C74	Adrenal gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C75	oth. Endo. Gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C77	Sec Lymph Node	0	0	0	0	0	0	0	2	2	0	1	2	5	1	2	5	20	4.8
C78	Sec Resp & Dig	0	0	0	0	0	1	0	0	2	1	1	2	2	2	1	3	15	3.6
C79	Oth Sec Org	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	2	5	1.2
C81	Hodg Dis	0	1	0	0	0	0	0	0	0	0	1	1	0	0	1	0	4	1.0
C82-C85 & C96	NHL	0	0	0	0	0	0	1	1	2	3	1	2	0	2	4	3	19	4.5
C88	Immunopro. Dis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C90	Myeloma	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.2
C91	Lymp Leuk	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	4	1.0
C92-C94	Myeloid Leuk	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0.5
C95	Leukemia Uns	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	3	0.7
Oth & Unspec Sites		0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	4	1.0
Grand Total		2	3	1	4	5	9	12	12	23	30	45	45	52	61	56	59	419	100.0
%		0.5	0.7	0.2	1.0	1.2	2.1	2.9	2.9	5.5	7.2	10.7	10.7	12.4	14.6	13.4	14.1	100.0	

**Table 8(b): Number of Cancer Deaths by Five Year Age Group and Site (ICD-10):
Ratnagiri, Year: 2015-16-Females**

ICD10	SITE	00-04	05-09	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+	Total	%
C00	Lip	0	0	0	0	0	0	0	1	0	0	0	0	2	0	1	0	4	0.9
C01-C02	Tongue	0	0	0	0	0	0	0	1	2	5	0	0	1	3	2	1	15	3.5
C03-C06	Mouth	0	0	0	0	0	0	0	0	1	8	7	6	4	18	2	7	53	12.5
C07-C08	Saliv Gland	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	3	0.7
C09	Tonsil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C10	Oth. Oropharynx	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	3	0.7
C11	Nasopharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C12-C13	Hypopharynx	0	0	0	0	0	0	0	0	1	0	2	2	2	4	0	0	11	2.6
C14	Pharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C15	Oesophagus	0	0	0	0	0	0	0	4	3	3	3	4	1	6	2	5	31	7.3
C16	Stomach	0	0	0	0	0	1	0	1	1	0	2	2	2	0	1	1	11	2.6
C17	Small Intestine	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.2
C18	Colon	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.2
C19-C20	Rectum	0	0	0	0	0	0	0	0	0	0	4	2	3	1	0	1	11	2.6
C21	Anus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C22	Liver	0	0	0	0	0	0	0	0	0	1	0	2	2	1	2	1	9	2.1
C23-C24	Gall Bladder	0	0	0	0	0	0	0	1	1	0	1	3	0	2	0	0	8	1.9
C25	Pancreas	0	0	0	0	0	0	0	0	0	0	2	1	1	2	1	1	8	1.9
C26	Oth. Dig.org	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
30-31	Nose & Sinus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C32	Larynx	0	0	0	0	0	0	0	0	0	1	1	1	2	0	0	2	7	1.7
C33-C34	Lung	0	0	0	0	0	1	0	0	1	1	1	3	5	3	0	1	16	3.8
37-38	Oth.Thoracic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C40-C41	Bone	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	3	0.7
C43	Skin Melanoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.2
C44	Oth Skin	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	0	4	0.9
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C47&C49	Soft Tissue	0	0	0	1	0	0	1	0	0	0	1	1	1	1	0	0	6	1.4
C48	Retroperitoneum	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C50	Breast	0	0	0	0	0	0	4	4	10	8	9	14	12	9	6	3	79	18.6
C51	Vulva	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C52	Vagina	0	0	0	0	0	0	0	0	1	0	0	0	0	2	1	0	4	0.9
C53	Cervix	0	0	0	0	0	0	1	0	5	3	5	3	8	7	2	4	38	9.0
C54-C55	Corpus Uteri	0	0	0	0	0	0	0	0	2	2	0	1	1	1	0	0	7	1.7
C56	Ovary etc	0	0	0	1	0	0	0	0	5	4	2	4	4	6	1	0	27	6.4
C57	Oth.Fem.Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C58	Placenta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C64	Kidney	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.2
C65	Renal Pelvis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C67	Urinary Bladder	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	0.5
C68	Unspec.Urin. Org	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C70-C72	Brain & Nerv Sys	0	2	0	0	0	0	0	3	1	0	0	0	0	0	0	0	6	1.4
C73	Thyroid	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0.5
C74	Adrenal Glands	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.2
C75	Oth. Endo. Gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C77	Sec Lymph Node	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	2	7	1.7
C78	Sec Resp & Dig Org	0	0	0	0	0	0	0	1	3	2	4	6	0	0	0	1	17	4.0
C79	Oth Sec Org	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	3	0.7
C81	Hodg.Dis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C82-C85 & C96	NHL	0	0	0	0	0	0	1	1	0	1	1	1	0	2	0	0	7	1.7
C90	Myeloma	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	0.5
C91	Leuk Lymph.	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	0.5
C92-C94	Leuk Myeloid	0	0	0	1	0	0	0	0	1	1	2	0	0	0	0	0	5	1.2
C95	Leukemia Uns	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	3	0.7
Other & Unspecified Sites		0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	2	5	1.2
All Sites		1	2	1	5	0	4	7	21	40	44	48	61	56	74	25	35	424	100.0
%		0.2	0.5	0.2	1.2	0.0	0.9	1.7	5.0	9.4	10.4	11.3	14.4	13.2	17.5	5.9	8.3	100.0	

**Table 9(a): Average Annual Age Specific, Crude Rate (CR), Age Standardized Rate (ASR)
and Truncated Rate (35-64 yrs.) (TR) of Mortality per 100, 000 Population:
Ratnagiri, Year: 2015-16 –Males**

ICD	SITE	00-04	05-09	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	ASR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	1.2	0.0	1.6	0.0	4.1	0.0	0.4	0.3	0.8
C01-C02	Tongue	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	1.8	1.0	2.4	4.2	3.2	6.9	4.1	0.0	1.2	1.0	1.9
C03-C06	Mouth	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.8	4.5	4.9	19.1	9.9	20.5	24.2	14.2	7.9	5.0	4.1	9.4
C07-C08	Salivary Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.4	0.0	0.0	0.0	0.0	0.1	0.1	0.4
C09	Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.2	0.0	0.0	1.7	2.0	3.9	0.4	0.3	0.4
C10	Oth Oropharynx	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	1.2	2.8	1.6	0.0	2.0	5.9	0.6	0.5	0.8
C11	Nasopharynx	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
C12-C13	Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	4.7	1.7	8.1	9.8	1.0	0.7	1.0
C14	Pharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.1	0.1	0.0
C15	Oesophagus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	1.2	7.1	0.0	8.6	6.1	7.9	1.5	1.2	2.0
C16	Stomach	0.0	0.0	0.0	0.0	0.9	1.0	0.0	0.9	0.0	1.0	2.4	4.2	6.3	5.2	4.1	5.9	1.4	1.2	2.1
C17	Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.1	0.1	0.2
C18	Colon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.9	1.2	0.0	4.7	3.5	4.1	3.9	0.9	0.7	1.5
C19-C20	Rectum	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.9	2.9	0.0	0.0	3.2	3.5	6.1	7.9	1.1	0.8	1.1
C21	Anus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.1	0.1	0.2
C22	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	3.6	1.4	3.2	1.7	4.1	2.0	0.8	0.7	1.5
C23-C24	Gall Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	2.4	1.4	0.0	1.7	2.0	0.0	0.4	0.3	0.7
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.2	0.0	1.6	0.0	0.0	0.0	0.2	0.2	0.6
C26	oth. Dig.org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C30-C31	Nose & sinuses	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.1	0.1	0.0
C32	Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	4.2	0.0	1.7	2.0	3.9	0.5	0.4	0.7
C33-C34	Lung	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.9	0.9	0.0	3.6	7.1	4.7	6.9	6.1	3.9	1.6	1.3	2.6
C37-C38	Oth Thorac Org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
C40-C41	Bone	0.0	0.0	0.0	2.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.4	0.4	0.0
C43	Skin Melanoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C44	Other Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.6	1.7	2.0	2.0	0.3	0.3	0.4
C45	Mesothelioma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.1	0.1	0.2
C47&C49	soft tissue & pns	0.0	0.9	0.0	0.0	0.0	1.0	1.1	0.0	0.0	1.9	0.0	0.0	0.0	1.7	0.0	2.0	0.5	0.4	0.4
C48	Retroperitoneum	1.2	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.2	0.3	0.2
C50	Breast	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.1	0.0	0.0
C60	Penis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.4	3.2	3.5	2.0	0.0	0.5	0.4	0.8
C61	Prostate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.2	0.0	3.2	3.5	12.2	3.9	0.9	0.7	0.8
C62	Testis	0.0	0.0	0.0	0.0	0.0	1.0	1.1	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2
C63	oth. Male gen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C64	Kidney	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.6	3.5	0.0	0.0	0.3	0.2	0.4
C65	Renal Pevis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.1	0.1	0.0
C66	Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C67	Urin. Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.6	3.5	4.1	3.9	0.5	0.4	0.4
C68	Unspc urin. Org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C69	Eye	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C70-C72	Brain & Nerv Sys	0.0	0.0	0.0	0.7	0.0	1.0	4.3	0.0	0.9	0.0	2.4	0.0	1.6	3.5	0.0	2.0	0.9	0.8	0.8
C73	Thyroid	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.1	0.1	0.0
C74	Adrenal gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C75	oth. Endo. Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C77	Sec Lymph Node	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.8	0.0	1.2	2.8	7.9	1.7	4.1	9.8	1.3	1.0	2.3
C78	Sec Resp & Dig	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.8	1.0	1.2	2.8	3.2	3.5	2.0	5.9	1.0	0.8	1.5
C79	Oth Sec Org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.4	0.0	0.0	2.0	3.9	0.3	0.2	0.4
C81	Hodg Dis	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.4	0.0	0.0	2.0	0.0	0.3	0.2	0.4
C82-C85 & C96	NHL	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.9	1.8	2.9	1.2	2.8	0.0	3.5	8.1	5.9	1.3	1.0	1.7
C88	Immunopro. Dis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C90	Myeloma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.1	0.1	0.2
C91	Lymph Leuk	1.2	0.9	0.7	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0
C92-C94	Myeloid Leuk	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4
C95	Leukemia Uns	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.2	0.2	0.0
Oth & Unspec Sites		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	2.0	0.0	0.3	0.2	0.0
All Sites		2.4	2.7	0.7	2.7	4.5	9.3	12.8	11.2	20.7	29.1	53.7	63.5	81.9	105.5	113.5	116.2	28.1	22.7	39.2

**Table 9(b): Average Annual Age Specific, Crude Rate (CR), Age Standardized Rate (ASR)
and Truncated Rate (35-64 yrs.) (TR) of Mortality per 100, 000 Population:
Ratnagiri, Year: 2015-16 –Females**

ICD10	SITE	00-04	05-09	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	ASR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	2.4	0.0	1.5	0.0	0.2	0.2	0.5
C01-C02	Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.5	4.5	0.0	0.0	1.2	3.5	3.1	1.4	0.9	0.7	1.5
C03-C06	Mouth	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	7.2	7.7	7.4	4.8	20.8	3.1	10.1	3.2	2.2	4.4
C07-C08	Saliv Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.1	0.0	0.0	1.2	0.0	0.0	0.2	0.1	0.4
C09	Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C10	Oth. Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	1.2	1.5	0.0	0.2	0.1	0.1
C11	Nasopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C12-C13	Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	2.2	2.5	2.4	4.6	0.0	0.0	0.7	0.5	1.1
C14	Pharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C15	Oesophagus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	2.3	2.7	3.3	4.9	1.2	6.9	3.1	7.2	1.9	1.3	2.9
C16	Stomach	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.8	0.8	0.0	2.2	2.5	2.4	0.0	1.5	1.4	0.7	0.5	1.3
C17	Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.1	0.0	0.2
C18	Colon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.1	0.0	0.0
C19-C20	Rectum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	2.5	3.6	1.2	0.0	1.4	0.7	0.5	1.5
C21	Anus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C22	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	2.5	2.4	1.2	3.1	1.4	0.5	0.4	0.8
C23-C24	Gall Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.0	1.1	3.7	0.0	2.3	0.0	0.0	0.5	0.4	0.9
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.2	1.2	2.3	1.5	1.4	0.5	0.3	0.7
C26	Oth. Dig.org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30-31	Nose & Sinus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C32	Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.1	1.2	2.4	0.0	0.0	2.9	0.4	0.3	0.8
C33-C34	Lung	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.8	0.9	1.1	3.7	6.0	3.5	0.0	1.4	1.0	0.7	1.8
37-38	Oth.Thoracic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C40-C41	Bone	0.0	0.0	0.7	0.8	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1
C43	Skin Melanoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.1	0.0	0.0
C44	Oth Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.9	0.0	0.0	0.0	1.2	1.5	0.0	0.2	0.2	0.3
C45	Mesothelioma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C47&C49	Soft Tissue	0.0	0.0	0.0	0.8	0.0	0.0	0.8	0.0	0.0	0.0	1.1	1.2	1.2	1.2	0.0	0.0	0.4	0.3	0.5
C48	Retroperitoneum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C50	Breast	0.0	0.0	0.0	0.0	0.0	0.0	3.4	3.0	7.7	7.2	9.9	17.2	14.4	10.4	9.2	4.3	4.8	3.6	9.2
c51	Vulva	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C52	Vagina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	2.3	1.5	0.0	0.2	0.1	0.1
C53	Cervix	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	3.9	2.7	5.5	3.7	9.6	8.1	3.1	5.8	2.3	1.7	3.9
C54-C55	Corpus Uteri	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.8	0.0	1.2	1.2	1.2	0.0	0.0	0.4	0.3	1.0
C56	Ovary etc	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	3.9	3.6	2.2	4.9	4.8	6.9	1.5	0.0	1.6	1.3	3.1
C57	Oth.Fem.Gen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C58	Placenta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C64	Kidney	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0
C65	Renal Pelvis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C66	Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C67	Urinary Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.4	0.1	0.1	0.0
C68	Unspec.Urin. Org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C69	Eye	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C70-C72	Brain & Nerv Sys	0.0	1.9	0.0	0.0	0.0	0.0	0.0	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.6
C73	Thyroid	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.1	0.1	0.3
C74	Adrenal Glands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.1	0.0	0.2
C75	Oth. Endo. Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C77	Sec Lymph Node	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	1.2	1.2	1.5	2.9	0.4	0.3	0.5
C78	Sec Resp & Dig Org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.3	1.8	4.4	7.4	0.0	0.0	0.0	1.4	1.0	0.8	2.6
C79	Oth Sec Org	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.2	0.2	0.0
C81	Hodg.Dis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C82-C85 & C96	NHL	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.0	0.9	1.1	1.2	0.0	2.3	0.0	0.0	0.4	0.3	0.7
C90	Myeloma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.2	0.0	0.0	0.0	0.0	0.1	0.1	0.3
C91	Leuk Lymph.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3
C92-C94	Leuk Myeloid	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	0.9	2.2	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.7
C95	Leukemia Uns	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	1.5	0.0	0.2	0.1	0.2
Other & Unspecified Sites		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.0	0.0	0.0	1.2	0.0	0.0	2.9	0.3	0.2	0.4
All Sites		1.3	1.9	0.7	3.8	0.0	3.6	5.9	15.8	30.9	39.8	52.8	75.0	67.0	85.3	38.3	50.6	25.5	19.2	43.6

Table 10(a): Cumulative Rate (Cu. Rate %) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) based on Age Specific Rates (0-64 and 0-74 Years): Ratnagiri, Year: 2015-16
Males

ICD	SITE	0-64		0-74	
		Cu. Rate	Cu. Risk	Cu. Rate	Cu. Risk
C00	Lip	0.04	0.04	0.04	0.04
C01-C02	Tongue	0.22	0.22	0.32	0.32
C03-C06	Mouth	0.53	0.52	0.80	0.80
C07-C08	Salivary Gland	0.03	0.03	0.03	0.03
C09	Tonsil	0.00	0.00	0.03	0.03
C10	Oth Oropharynx	0.01	0.01	0.02	0.02
C11	Nasopharynx	0.02	0.02	0.03	0.03
C12-C13	Hypopharynx	0.08	0.08	0.17	0.17
C14	Pharynx	0.00	0.00	0.00	0.00
C15	Oesophagus	0.11	0.11	0.20	0.20
C16	Stomach	0.13	0.13	0.18	0.18
C17	Small Intestine	0.00	0.00	0.00	0.00
C18	Colon	0.07	0.07	0.12	0.12
C19-C20	Rectum	0.07	0.07	0.14	0.14
C21	Anus	0.00	0.00	0.03	0.03
C22	Liver	0.06	0.06	0.11	0.11
C23-C24	Gall Bladder	0.02	0.02	0.04	0.04
C25	Pancreas	0.02	0.02	0.03	0.03
C26	oth. Dig.org	0.00	0.00	0.00	0.00
C30-C31	Nose & sinuses	0.00	0.00	0.00	0.00
C32	Larynx	0.03	0.03	0.08	0.08
C33-C34	Lung	0.13	0.13	0.20	0.20
C37-C38	Oth Thorac Org	0.01	0.01	0.01	0.01
C40-C41	Bone	0.05	0.05	0.05	0.05
C43	Skin Melanoma	0.01	0.01	0.01	0.01
C44	Other Skin	0.03	0.03	0.06	0.06
C45	Mesothelioma	0.01	0.01	0.01	0.01
C47&C49	soft tissue & pns	0.04	0.04	0.07	0.07
C48	Retroperitoneum	0.02	0.02	0.03	0.03
C50	Breast	0.01	0.01	0.01	0.01
C60	Penis	0.04	0.04	0.07	0.07
C61	Prostate	0.04	0.04	0.15	0.15
C62	Testis	0.04	0.04	0.04	0.04
C63	oth. Male gen	0.00	0.00	0.00	0.00
C64	Kidney	0.05	0.05	0.08	0.08
C65	Renal Pevis	0.00	0.00	0.00	0.00
C66	Ureter	0.00	0.00	0.00	0.00
C67	Urin. Bladder	0.03	0.03	0.06	0.06
C68	Unspc urin. Org	0.00	0.00	0.00	0.00
C69	Eye	0.00	0.00	0.00	0.00
C70-C72	Brain & Nerv Sys	0.08	0.08	0.13	0.13
C73	Thyroid	0.03	0.03	0.03	0.03
C74	Adrenal gland	0.00	0.00	0.00	0.00
C75	oth. Endo. Gland	0.00	0.00	0.00	0.00
C77	Sec Lymph Node	0.08	0.08	0.09	0.09
C78	Sec Resp & Dig	0.07	0.07	0.12	0.12
C79	Oth Sec Org	0.01	0.01	0.02	0.02
C81	Hodg Dis	0.04	0.04	0.04	0.04
C82-C85 & C96	NHL	0.18	0.18	0.22	0.22
C88	Immunopro. Dis	0.00	0.00	0.00	0.00
C90	Myeloma	0.01	0.01	0.02	0.02
C91	Lymp Leuk	0.07	0.07	0.07	0.07
C92-C94	Myeloid Leuk	0.07	0.07	0.07	0.07
C95	Leukemia Uns	0.01	0.01	0.02	0.02
Oth & Unspec Sites		0.03	0.03	0.05	0.05
All Sites		2.64	2.61	4.12	4.04

Table 10(b): Cumulative Rate (Cu. Rate %) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) based on Age Specific Rates (0-64 and 0-74 Years): Ratnagiri, Year: 2015-16
Females

ICD10	SITE	0-64		0-74	
		Cu.Rate	Cu. Risk	Cu.rate	Cu.Risk
C00	Lip	0.02	0.02	0.04	0.04
C01-C02	Tongue	0.07	0.07	0.11	0.11
C03-C06	Mouth	0.29	0.29	0.49	0.49
C07-C08	Saliv Gland	0.02	0.02	0.02	0.02
C09	Tonsil	0.01	0.01	0.01	0.01
C10	Oth. Oropharynx	0.01	0.01	0.02	0.02
C11	Nasopharynx	0.01	0.01	0.01	0.01
C12-C13	Hypopharynx	0.04	0.04	0.05	0.05
C14	Pharynx	0.00	0.00	0.00	0.00
C15	Oesophagus	0.15	0.15	0.24	0.24
C16	Stomach	0.09	0.09	0.11	0.11
C17	Small Intestine	0.00	0.00	0.00	0.00
C18	Colon	0.03	0.03	0.07	0.07
C19-C20	Rectum	0.06	0.06	0.08	0.08
C21	Anus	0.00	0.00	0.00	0.00
C22	Liver	0.04	0.04	0.06	0.06
C23-C24	Gall Bladder	0.04	0.04	0.05	0.05
C25	Pancreas	0.03	0.03	0.06	0.06
C26	Oth. Dig.org	0.00	0.00	0.00	0.00
30-31	Nose & Sinus	0.00	0.00	0.00	0.00
C32	Larynx	0.03	0.03	0.03	0.03
C33-C34	Lung	0.08	0.08	0.11	0.11
37-38	Oth.Thorcic	0.00	0.00	0.00	0.00
C40-C41	Bone	0.01	0.01	0.01	0.01
C43	Skin Melanoma	0.02	0.02	0.02	0.02
C44	Oth Skin	0.04	0.04	0.06	0.06
C45	Mesothelioma	0.00	0.00	0.00	0.00
C47&C49	Soft Tissue	0.02	0.02	0.04	0.04
C48	Retroperitoneum	0.00	0.00	0.00	0.00
C50	Breast	0.86	0.85	1.16	1.16
c51	Vulva	0.00	0.00	0.01	0.01
C52	Vagina	0.01	0.01	0.03	0.03
C53	Cervix	0.25	0.25	0.35	0.35
C54-C55	Corpus Uteri	0.09	0.09	0.13	0.13
C56	Ovary etc	0.25	0.25	0.28	0.28
C57	Oth.Fem.Gen	0.00	0.00	0.01	0.01
C58	Placenta	0.00	0.00	0.00	0.00
C64	Kidney	0.02	0.02	0.03	0.03
C65	Renal Pelvis	0.01	0.01	0.01	0.01
C66	Ureter	0.00	0.00	0.00	0.00
C67	Urinary Bladder	0.01	0.01	0.01	0.01
C68	Unspec.Urin. Org	0.00	0.00	0.00	0.00
C69	Eye	0.00	0.00	0.00	0.00
C70-C72	Brain & Nerv Sys	0.03	0.03	0.04	0.04
C73	Thyroid	0.03	0.03	0.04	0.04
C74	Adrenal Glands	0.01	0.01	0.01	0.01
C75	Oth. Endo. Gland	0.00	0.00	0.00	0.00
C77	Sec Lymph Node	0.03	0.03	0.04	0.04
C78	Sec Resp & Dig Org	0.11	0.11	0.13	0.13
C79	Oth Sec Org	0.02	0.02	0.03	0.03
C81	Hodg.Dis	0.00	0.00	0.00	0.00
C82-C85 & C96	NHL	0.06	0.06	0.10	0.10
C88	Immunopro.Dis	0.00	0.00	0.00	0.00
C90	Myeloma	0.01	0.01	0.02	0.02
C91	Leuk Lymph.	0.02	0.02	0.03	0.03
C92-C94	Leuk Myeloid	0.04	0.04	0.04	0.04
C95	Leukemia Uns	0.02	0.02	0.03	0.03
Other & Unspecified Sites		0.03	0.03	0.04	0.04
All Sites		3.03	2.99	4.28	4.19

