

Sindhudurg– Population Based Cancer Registry Report- 2015-16

Introduction

The Tata Memorial Centre [TMC] comprising of Tata Memorial Hospital [TMH], Advanced Centre for Treatment, Research and Education in Cancer [ACTREC], and Centre for Cancer Epidemiology [CCE] is a Grant-in-aid institution under the administrative control of Dept. of Atomic Energy, Govt. of India. The mandate of TMC is Service, Research and Education. The TMC continued to provide the highest standard of patient care through its services and research, and capacity building by imparting knowledge through various educational activities. Tata Memorial hospital, Mumbai, India was established in the year 1941.

Background

The major objective of Population Based Cancer Registries (PBCRs) is to obtain cancer incidence rates, study the rates of individual cancers by comparing cancer incidence and patterns with other registries and in different subgroups of population in the respective areas. It is the collection of reportable neoplasms in a geographical defined population.



Sindhudurg District: The Sindhudurg district located in the state of Maharashtra. The district headquarter of Sindhudurg is located at Oros. This place is known for fort of Sindhudurg (which means “fort in the sea”). The district has 37 forts, which is highest number of forts in Maharashtra as well as all type forts such as (Jaldurg-Sea), (Bhuikot- fort on land), and (Giri-fort on hilltop). It is also famous for Mangoes.

Location: Sindhudurg is located at 73.6 East Longitude and 16.1 North Latitude. It is surrounded by Ratnagiri district in the north, Goa state in the south, Kolhapur district in east and Arabian Sea in the west. It is coastal district belong to western India.

Geography: The total geographical area of Sindhudurg district is 5, 207 sq. kms. This is only 1.69% of total area of the state. It is 6th smallest district by area in the state.

Population: The total population of district is 8, 49,651 as per the Census 2011, Government of India. There are 8 sub-district in the district, among them Kudal is most populous sub-district with population about 1.6 lac and Vaibhavwadi is the least populous sub-district with population of about 44 thousand. The estimate of population by 5 year age group for men and women for the year: 2015-16 is computed using exponential growth rate between census populations of 2001 - 2011.

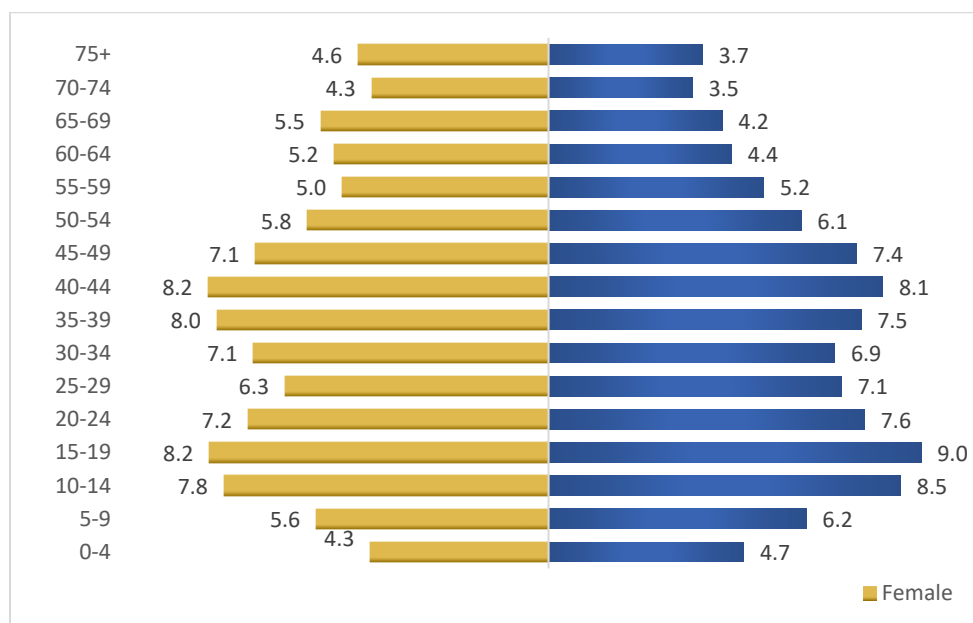
Sindhudurg Cancer Registry Office & Staff



Table 1(a): Estimated Population Distribution for year 2015-16 by Age group and Gender based on 2001 and 2011 Census- Sindhudurg

Age-Group	Male		Female	
	Nos.	%	Nos.	%
0-4	19622	4.7	18155	4.3
5-9	25907	6.2	23684	5.6
10-14	35375	8.5	33100	7.8
15-19	37441	9.0	34590	8.2
20-24	31749	7.6	30639	7.2
25-29	29432	7.1	26862	6.3
30-34	28761	6.9	30092	7.1
35-39	31407	7.5	33820	8.0
40-44	33582	8.1	34676	8.2
45-49	30948	7.4	29887	7.1
50-54	25403	6.1	24591	5.8
55-59	21631	5.2	21037	5.0
60-64	18404	4.4	21818	5.2
65-69	17465	4.2	23229	5.5
70-74	14463	3.5	18009	4.3
75+	15476	3.7	19420	4.6
All ages	417066	100.0	423609	100.0

**Fig.1. Percentage Distribution of estimated population by age and Gender: Sindhudurg
Year: 2015-16**



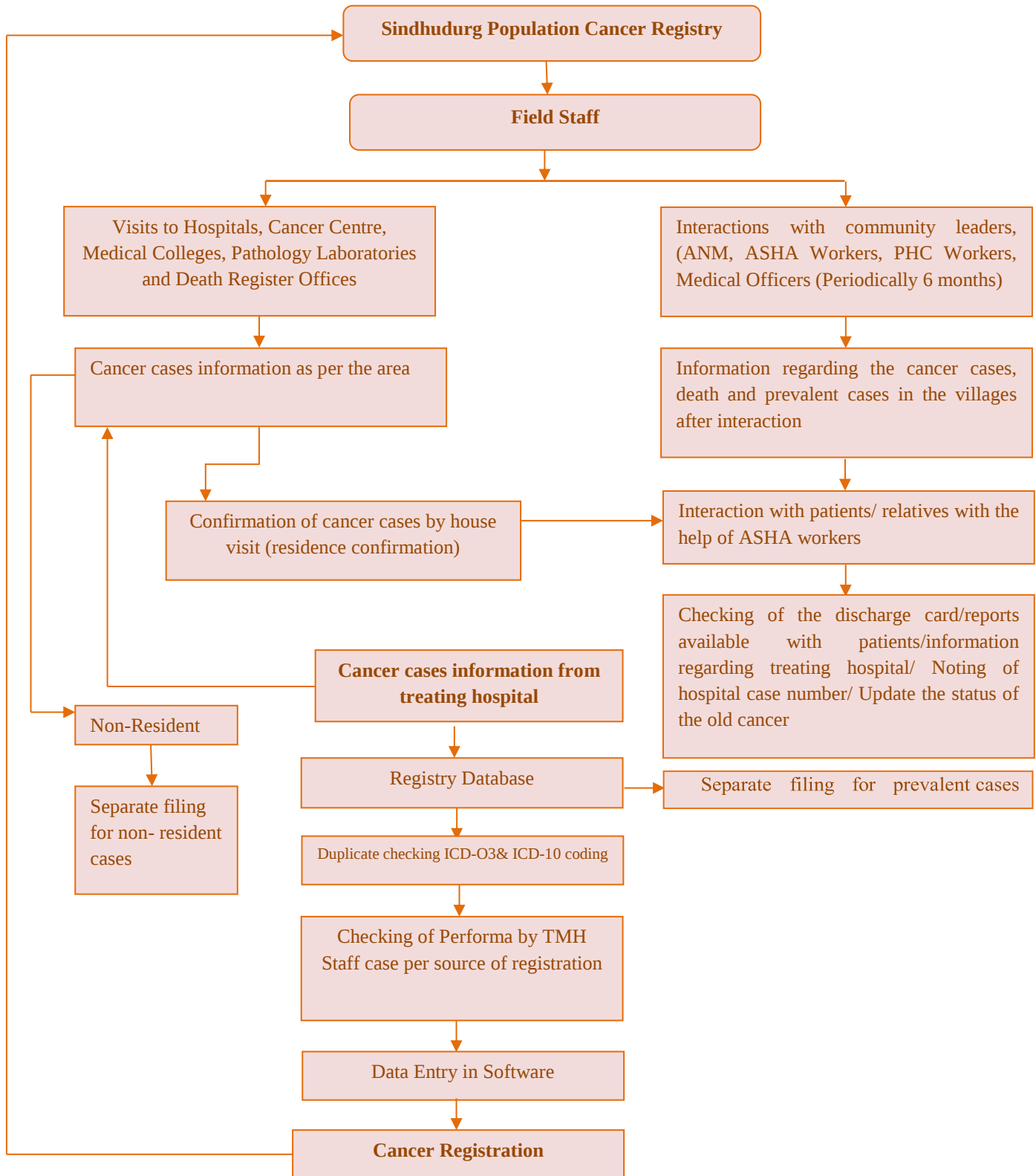
Since this is third report from this district on cancer burden, it is appropriate to give in brief, the methodology being followed for data collection.

<i>Registry's Specific Objectives</i>	<i>Benefits and Outcomes</i>
• 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. • 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 form of planning, monitoring and evaluation of activities under this programme. • Developing human resources in Cancer Registration and Epidemiology.	• Enumeration of disease burden and pattern of care in the rural area. The project will enable in identifying the disease burden and also the common cancers prevalent in the district of Sindhudurg. • 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 registry staff have been trained adequately and instructed to maximize the visit to areas through proper planning prior to the visit.

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 includes various hospitals, pathology laboratories, radiological centres, village panchayats, local physicians, Aanganwadi workers office, primary health care centres and non-governmental organizations (NGOs) etc.

Many of the cases who are residents of Sindhudurg District visit Tata Memorial Hospital (TMH), Mumbai, for diagnosis and treatment. For such cases, variables such as name, address, diagnosis and clinical variables are matched and information is abstracted accordingly from TMH database for the Sindhudurg 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.

Cancer Registry Core Proforma: Special form is designed and tested for Sindhudurg 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 Sindhudurg District. Registry started functioning formally in 2010. Although, the travelling expenses were a little higher than what we expected in the other registries, measures have been taken to keep check to minimize the expenses and it has been found that this method is cost effective with the given registry area.

Training: Training is provided to all field investigators in TMH by 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.

Software: In- house Software is developed in TMH by using Visual Basic as front-end and MS-Access as back-end. This information is entered at the base centre and later on transmitted to TMH where it gets checked for variables. 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 Registry: - As per the international guidelines and reporting by the population based cancer registries, the cases registered in the Sindhudurg cancer registry are based on the following criteria.

<i>Inclusion</i>	<i>Exclusion</i>
• Only malignant cases • Resident of Sindhudurg district for at least one year.	• All suspicious and Non-cancer cases. • Those who are non-resident of Sindhudurg district. • Suspicious cases are further followed up to capture any event.

Cancer Reporting System: The cancer cases are classified as per the 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 . 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: -

Checking for 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 register it as 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 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 & 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 Sindhudurg district.*

Table 1(b): Incident Cancer Cases by Primary Sources of Registration with Percentage: Sindhudurg Year: 2015-16

Sources	2015	2016	Total	%
Tata Memorial Hospital	67	68	135	18.6
Sumedh Path Lab	52	61	113	15.6
B.K.L. Walawalkar Hospital	43	24	67	9.2
Goa Medical College	28	20	48	6.6
Omkar Path LAB	13	20	33	4.5
Sure Path Lab	23	9	32	4.4
KEM Hospital	13	16	29	4.0
Kolhapur Oncology Centre	11	17	28	3.9
Rani Jankibai Aurvedic Hospital	9	3	12	1.7
Nair Hospital	4	5	9	1.2
Aarogyam Lab/ Dr. Ganpataye	8	0	8	1.1
Shraddha Path Lab/ Dr. Shrikhande	5	3	8	1.1
Raheja Hospital	4	4	8	1.1
Hinduja Hospital	4	1	5	0.7
Sion Hospital	2	1	3	0.4
Bombay Hospital	1	2	3	0.4
Siddhivinayak Hospital Miraj	1	1	2	0.3
Sindhudurg Radiology Centre	1	1	2	0.3
Manipal Hospital	1	1	2	0.3
Others	98	81	179	24.7
Grand Total	388	338	726	100.0

Incidence rate:

Incident cases are defined as the new cancer cases diagnosed in a defined population during given period of time. Thus all new cancer cases identified in the area of Sindhudurg district in the year 2015-16 (1st January to 31st December) is considered as Incident cases of cancer. The main objective of population based cancer registry will be the calculation of cancer incidence rates and their use to study the risk of cancer among individual 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 | = | $\frac{\text{No. of new cases of disease in a specific age group} * 100,000}{\text{Population at Risk in a specific age group}}$ |
| 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:-

In Sindhudurg cancer registry, total 726 cancer cases were registered (including DCOs) in the year 2015 to 2016 (Table-2(b)). However, out of 726 cancer cases 352 were males and 374 females, which shows female-predominance in this area. It is seen that a higher proportion of cancer cases are diagnosed after the age of 30 years for both males and females.

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

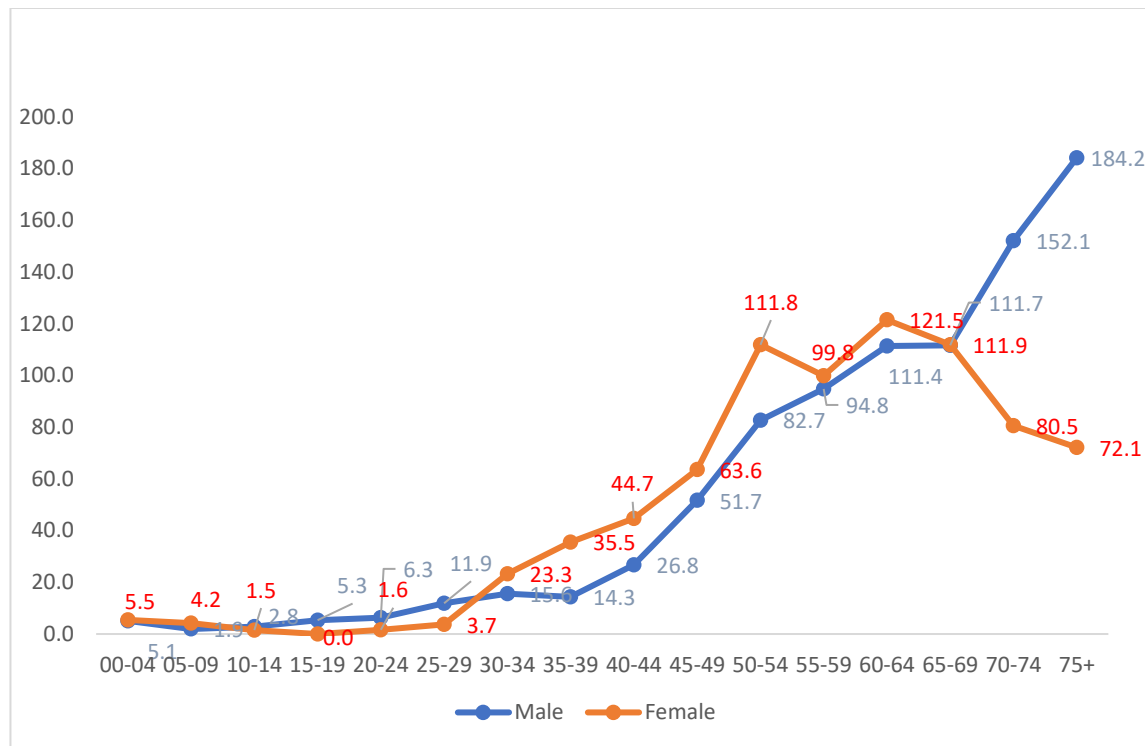
Table 2(b): Distribution of the cancer cases and age specific incidence rate (ASR) per 100,000 for all cancer sites, by Gender: Sindhudurg 2015-16

Age Group	Male		Female	
	Nos.	ASR	Nos.	ASR
00-04	2	5.1	2	5.5
05-09	1	1.9	2	4.2
10-14	2	2.8	1	1.5
15-19	4	5.3	0	0.0
20-24	4	6.3	1	1.6
25-29	7	11.9	2	3.7
30-34	9	15.6	14	23.3
35-39	9	14.3	24	35.5
40-44	18	26.8	31	44.7
45-49	32	51.7	38	63.6
50-54	42	82.7	55	111.8
55-59	41	94.8	42	99.8
60-64	41	111.4	53	121.5
65-69	39	111.7	52	111.9
70-74	44	152.1	29	80.5
75+	57	184.2	28	72.1
All Sites	352	42.2	374	44.1

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 30 to 70 years and it is higher in older male i.e. age 70 onwards. The ASR in older male is high probably due to high incidence of mouth, tongue, oesophagus and lung cancer which are tobacco-related cancers.

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



System-wise distribution of cancer cases

In Sindhudurg cancer registry, the head & neck (*i.e.* 31.3%), Gastro-intestinal (*i.e.* 19.4%), Breast (*i.e.* 18.2%), and Genito Urinary Organs (*i.e.* 11.3%) cancer sites contributed more for both sexes together than any other anatomical cancer sites (Table-3). The most common cancer among males is head and neck, which alone contributed 44.0% followed by 24.4% of Gastro-intestinal and 7.1% of Genito Urinary cancer. In females, Breast cancer alone contributed to 35.0% followed by 19.3% of Head & Neck Cancer and 15.2% of Genito-Urinary cancers.

Table 3: System-wise distribution of cancer cases by sex in Sindhudurg, Year: 2015-16

System	Male		Female		Total	
	Nos.	%	Nos.	%	Nos.	%
Head & Neck	155	44.0	72	19.3	227	31.3
Breast	1	0.3	131	35.0	132	18.2
Lung & Other Thoracic Organs	20	5.7	8	2.1	28	3.9
Gastro-intestinal	86	24.4	55	14.7	141	19.4
Bone	2	0.6	0	0.0	2	0.3
Genito Urinary Organs	25	7.1	57	15.2	82	11.3
Other Skin	6	1.7	2	0.5	8	1.1
Peripheral Nerves & Soft Tissue	7	2.0	3	0.8	10	1.4
Brain & Nervous System	3	0.9	1	0.3	4	0.6
Endocrine Glands	6	1.7	10	2.7	16	2.2
Haematopoietic Cancers	23	6.5	14	3.7	37	5.1
Secondary Lymph Nodes	10	2.8	6	1.6	16	2.2
Secondary Respiratory & Digestive Org	5	1.4	10	2.7	15	2.1
Other Secondary Org	2	0.6	1	0.3	3	0.4
Other & Unspecified Sites	1	0.3	4	1.1	5	0.7
Total	352	100.0	374	100.0	726	100.0

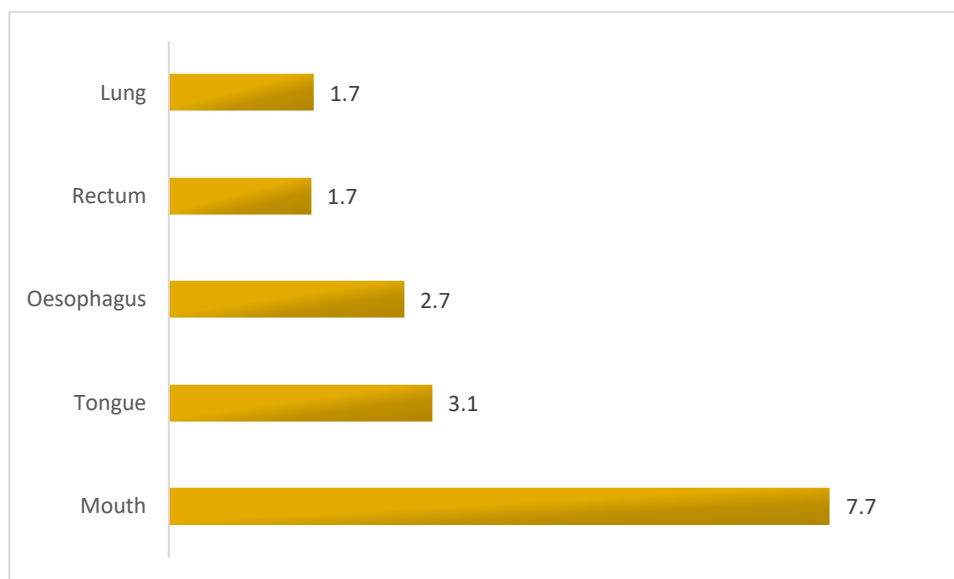
Leading Sites of Cancer

Top five leading cancer sites among males with its proportion, CR, ASR, and TR in Sindhudurg cancer registry is tabulated in the table 4a; and also, depicted in fig. 3a. The leading site among males are Mouth, followed by Tongue, Oesophagus, Rectum, and Lung . The respective CR and ASR per 10⁵ population for above leading cancer sites are Mouth (10.1 and 7.7), Tongue (4.0 and 3.1), Oesophagus (3.7 and 2.7), Rectum (2.3 and 1.7), and Lung (2.3 and 1.7).

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

ICD-10	SITE	Nos.	CR	ASR	TR
C03-C06	Mouth	84	10.1	7.7	18.6
C01-C02	Tongue	33	4.0	3.1	7.5
C15	Oesophagus	31	3.7	2.7	6.0
C19-C20	Rectum	19	2.3	1.7	2.5
C33-C34	Lung	19	2.3	1.7	3.4
All Sites		352	42.2	32.0	57.9

Fig. 3(a): Age standardized Incidence Rates per 100,000 population by Leading Sites- Sindhudurg, Year: 2015-16- Males

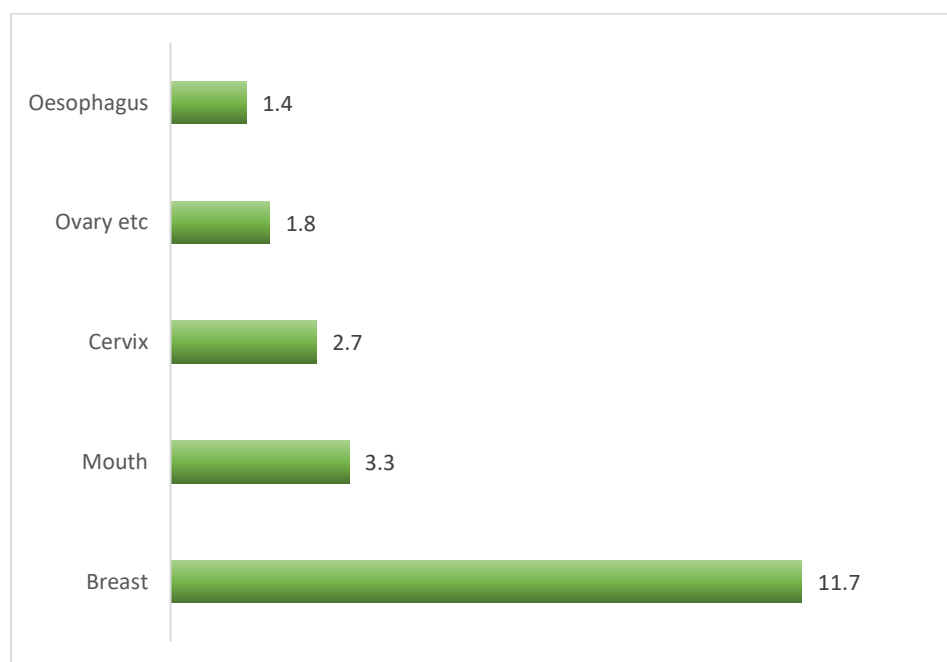


Correspondingly, table 4b shows top five leading cancer sites among females with its proportion, CR, ASR and TR in Sindhudurg cancer registry during the year 2015-16. In which, Breast cancer shows the highest proportion, followed by Mouth, Cervix, Ovary and Oesophagus. The respective CR and ASR per 10⁵ population for above cancer sites are Breast (15.5 and 11.7), Mouth (4.8 and 3.3), Cervix (3.8 and 2.7), Ovary (2.5 and 1.8), and Oesophagus (2.0 and 1.4).

Table 4b: Leading sites of cancer: Sindhudurg, 2015-16 – Females

ICD-10	SITE	Nos.	CR	ASR	TR
C50	Breast	131	15.5	11.7	30.6
C03-C06	Mouth	41	4.8	3.3	6.7
C53	Cervix	32	3.8	2.7	6.8
C56	Ovary etc	21	2.5	1.8	4.0
C15	Oesophagus	17	2.0	1.4	3.1
All Sites		374	44.1	32.5	74.4

Fig. 3(b): Age standardized Incidence Rates per 100,000 population by Leading Sites- Sindhudurg, Year: 2015-16-Females



Comparison of National & International Registry

Table 5(a): depicts the comparison of ASR of all sites among males in Sindhudurg with other cancer registries. As compared to Sindhudurg cancer registry, the male from Aizawl registry shows higher ASR (i.e. 269.4) followed by Delhi, and Trivandrum registries respectively. Also, table 5(a) gives the comparison of Indian cancer registries with International cancer registries.

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

National Cancer Registries	
Registries[#]	ASR
Sindhudurg 15-16[#]	32.0
Visakahapatnam 2015-16 [#]	36.0
Ratnagiri 15-16 [#]	39.1
Kakrapar 2014-16 [#]	45.5
Tarapur 2015-16 [#]	46.8
Barshi Rural [@]	50.6
Uttar Kannada 2014-16 [#]	53.0
Rawatbhata 2014-15 [#]	53.1
Kudankulam 2014-15 [#]	59.5
Aurangabad [@]	70.9
Pune [@]	83
Nagpur [@]	91.1
Kalpakkam 2014-15 [#]	91.6
Dibrugarh Dist [@]	91.9
Bhopal [@]	101
Mumbai [@]	108.4
Chennai [@]	119.9
Bengaluru [@]	122.1
Triruvanathapuram [@]	137.8
Delhi [@]	147
Aizawl [@]	269.4
International Cancer Registries^{\$}	
China, Shanghai	202.9
UK England	290.9
Japan, Osaka	318.1
USA Connecticut	357.6
France, Bas-Rhin	371.4

Source: [@]NCRP: Consolidate Report of National Cancer Registry Programme, 2012-16, ICMR, 2020

[#]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: Sindhudurg, Year: 2015-16- Males

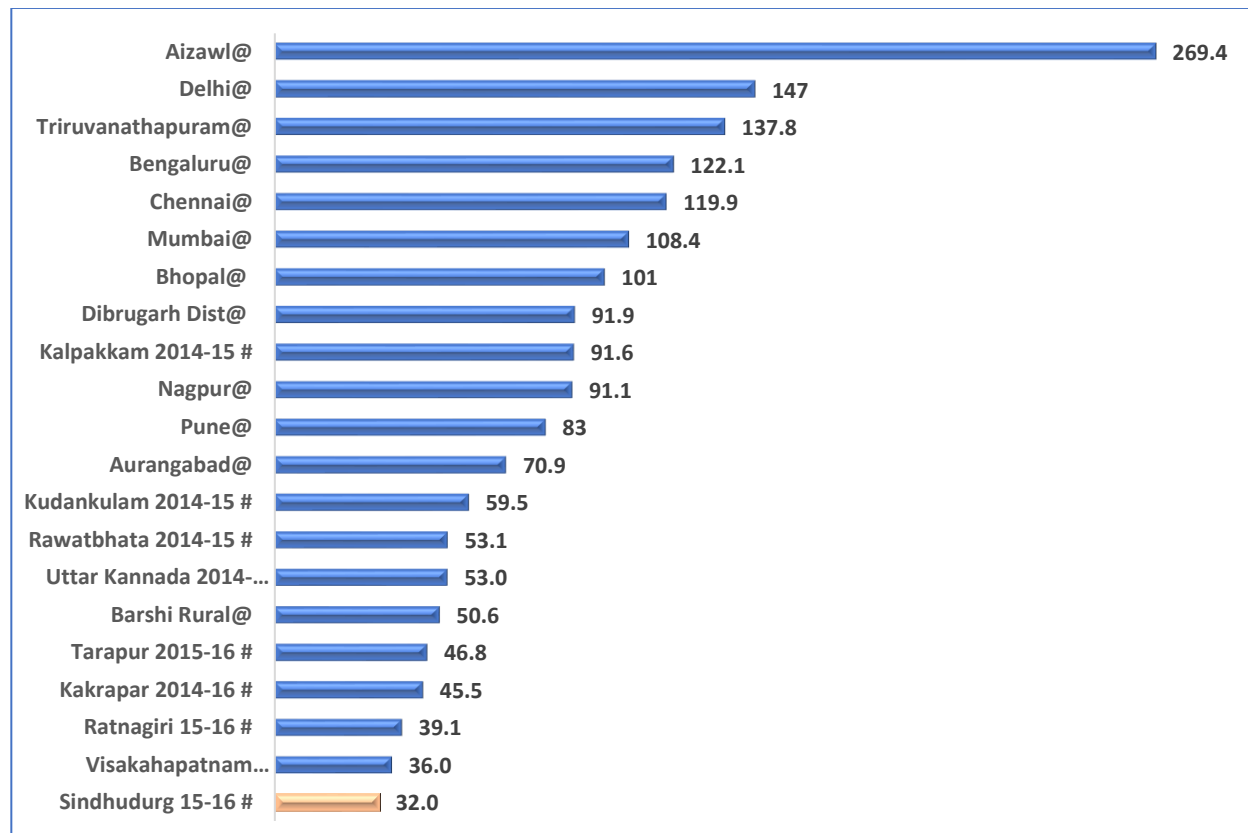


Table 5(b): depicts the comparison of ASR of all sites among females in Sindhudurg with other cancer registries. As compared to Sindhudurg cancer registry, the females from Aizawl registry shows higher ASR (*i.e.* 214.1) followed by Bengaluru, Delhi and Chennai registries respectively. Also, table 5 (b) gives detail comparison of Indian cancer registry rate with International Cancer registry rates.

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

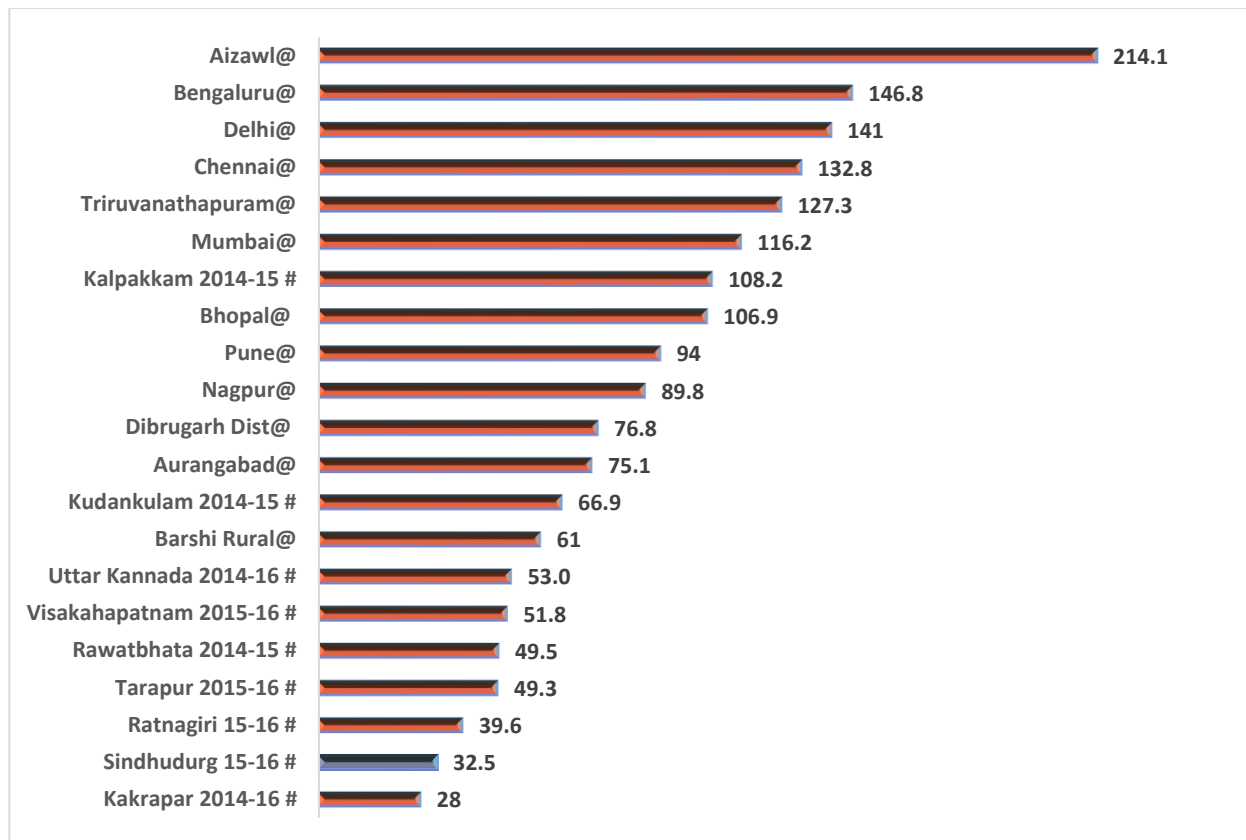
National Cancer Registries	
Registries[#]	ASR
Kakrapar 2014-16 [#]	28
Sindhudurg 15-16 [#]	32.5
Ratnagiri 15-16 [#]	39.6
Tarapur 2015-16 [#]	49.3
Rawatbhata 2014-15 [#]	49.5
Visakahapatnam 2015-16 [#]	51.8
Uttar Kannada 2014-16 [#]	53.0
Barshi Rural [@]	61
Kudankulam 2014-15 [#]	66.9
Aurangabad [@]	75.1
Dibrugarh Dist [@]	76.8
Nagpur [@]	89.8
Pune [@]	94
Bhopal [@]	106.9
Kalpakkam 2014-15 [#]	108.2
Mumbai [@]	116.2
Triruvanathapuram [@]	127.3
Chennai [@]	132.8
Delhi [@]	141
Bengaluru [@]	146.8
Aizawl [@]	214.1
International Cancer Registries^{\$}	
USA Connecticut	306.6
UK England	259.8
China, Shanghai	189.4
France, Bas-Rhin	260.2
China, Beijing	166.9
Japan, Osaka	214.7

Source: @NCRP: Consolidate Report of National Cancer Registry Programme, 2012-16, ICMR, 2020

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

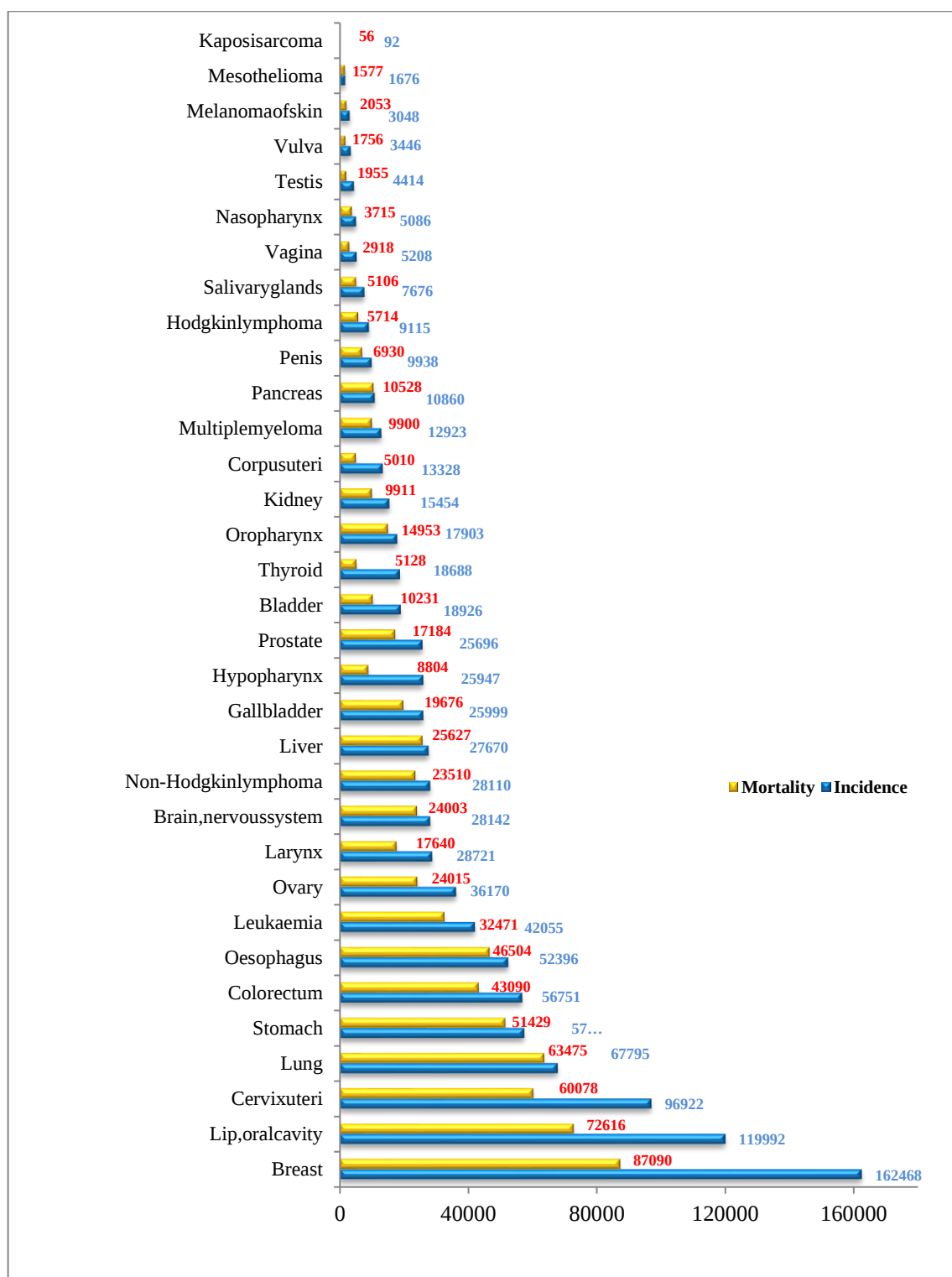
^{\$}Cancer Incidence in Five Continents Volume (CI5), IARC, www.ci5.iarc.fr

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



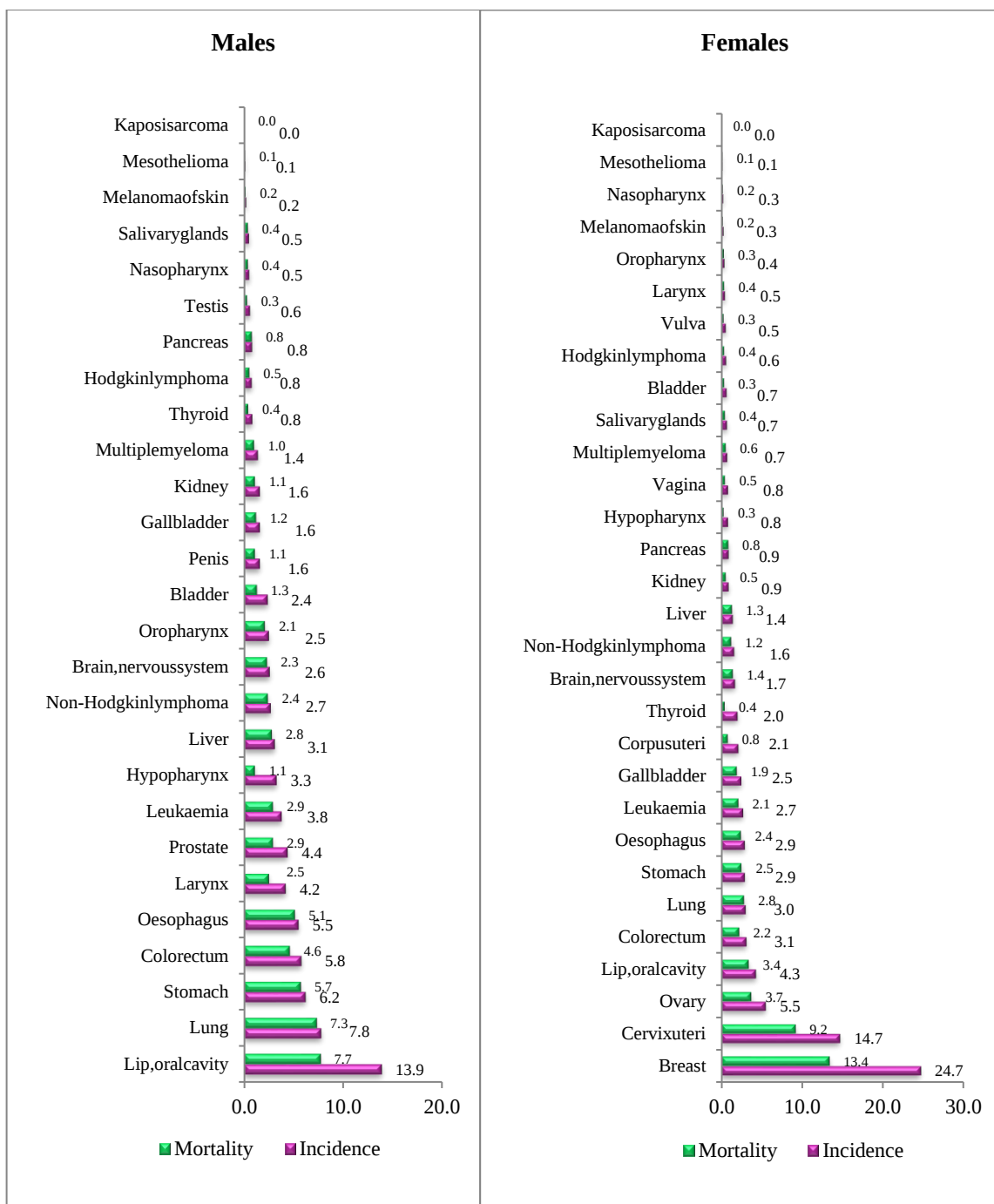
GLOBOCAN is a comprehensive cancer surveillance database managed by International Association of Cancer Registries (IARC), whose aim is to calculate cancer incidence and mortality worldwide and prevalence from major type of cancers for 185 countries of the world. Globocan collects the data from every 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 rate 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 diagnosis of 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 Sindhudurg registry. We found that only 0.1% of cases are diagnosed by the death certificate. Most of these cases who visited to the hospitals in advanced stage of cancer when no active treatment is possible. The microscopic methods are more reliable technique to diagnose cancer and also helpful to detect exact site of cancer, where we found 94.4% of cancer cases are diagnosed by using microscopic methods. Similarly, 0.7 % of patients are diagnosed by radiologically (*i.e.* by means of X-rays, CT scan, PET scan, MRI etc.). And, only 2.2% of cancer cases are diagnosed on the clinical only.

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

Method of Diagnosis	Male		Female		Total	
	Nos.	%	Nos.	%	Nos.	%
Microscopic	329	93.5	356	95.2	685	94.4
Radiology	2	0.6	3	0.8	5	0.7
Clinical	10	2.8	6	1.6	16	2.2
DCO	1	0.3	0	0.0	1	0.1
Others	10	2.8	9	2.4	19	2.6
Grand Total	352	100	374	100	726	100

Fig. 6a: Method of Diagnosis among Males

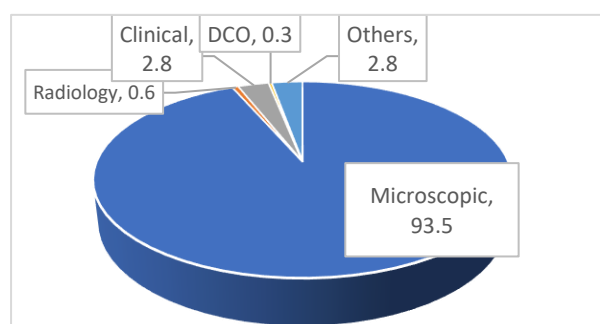
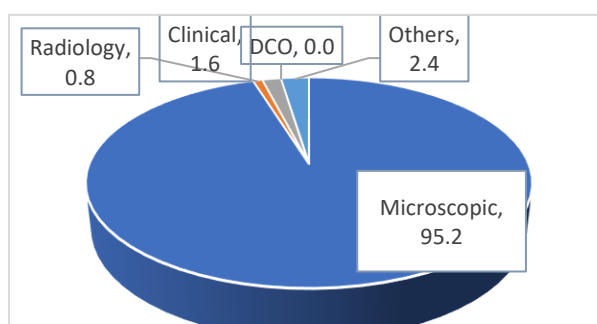


Fig. 6b: Method of Diagnosis among Females



PAEDIATRIC 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 Leukemia, 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.

The distribution of cancers among children is shown in table no.7(a). Where, it is found that out of 10 paediatric cancer cases, 5 are males and 5 are females. When, we see the contribution by cancer sites, Leukemia Lymphoid contributed 40.0% of total cases, soft tissue sarcomas 20.0%, Bone 10.0%, Kidney 10.0% and adrenal 10.0%.

Table 7(a): Distribution of Paediatric Cancers & Proportions by Gender: Sindhudurg, Year: 2015-16

ICD-10	Site	Male	Female	Total	%
C91	Leukemia Lymphoid	1	3	4	40.0
C49	Soft tissue	1	1	2	20.0
C40-41	Bone	1	0	1	10.0
C64	Kidney	1	0	1	10.0
C71	Brain	1	0	1	10.0
C74	Adrenal	0	1	1	10.0
All Pediatric Cancers		5	5	10	100.0

GERIATRIC CANCERS (Age 60+ yrs.)

Geriatric cancers means cancer among elderly people, generally 60 & above for developing country and 65 & above for developed country. Table 7(b): shows the distribution of geriatric cancers, where we found that total 343 cancer cases are reported among them 181 are males and 162 are females from Sindhudurg cancer registry area. In which, mouth cancer followed by Oesophagus, and Tongue are the leading sites among 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

ICD-10	SITE	Male		Female		Total	
		Nos.	%	Nos.	%	Nos.	%
C00	Lip	4	2.2	2	1.2	6	1.7
C01-C02	Tongue	13	7.2	8	4.9	21	6.1
C03-C06	Mouth	31	17.1	28	17.3	59	17.2
C09	Tonsil	1	0.6	0	0.0	1	0.3
C10	Other Oropharynx	2	1.1	0	0.0	2	0.6
C12-C13	Hypopharynx	6	3.3	1	0.6	7	2.0
C14	Pharynx	1	0.6	1	0.6	2	0.6
C15	Oesophagus	16	8.8	9	5.6	25	7.3
C16	Stomach	7	3.9	3	1.9	10	2.9
C17	Small Intestine	1	0.6	0	0.0	1	0.3
C18	Colon	6	3.3	3	1.9	9	2.6
C19-C20	Rectum	10	5.5	9	5.6	19	5.5
C21	Anus	1	0.6	1	0.6	2	0.6
C22	Liver	1	0.6	0	0.0	1	0.3
C23-C24	Gall Bladder	3	1.7	5	3.1	8	2.3
C25	Pancreas	5	2.8	0	0.0	5	1.5
C30-C31	Nose & Sinuses etc	1	0.6	0	0.0	1	0.3
C32	Larynx	6	3.3	1	0.6	7	2.0
C33-C34	Lung	10	5.5	5	3.1	15	4.4
C37-C38	Other Thoracic Organs	1	0.6	0	0.0	1	0.3
C44	Other Skin	4	2.2	1	0.6	5	1.5
C47&C49	Soft Tissue	3	1.7	0	0.0	3	0.9
C50	Breast	1	0.6	42	25.9	43	12.5
C53	Cervix	0	0.0	14	8.6	14	4.1
C54-C55	Corpus Uteri	0	0.0	3	1.9	3	0.9
C56	Ovary etc	0	0.0	10	6.2	10	2.9
C60	Penis	6	3.3	0	0.0	6	1.7
C61	Prostate	4	2.2	0	0.0	4	1.2
C64	Kidney	5	2.8	0	0.0	5	1.5
C67	Urinary Bladder	4	2.2	0	0.0	4	1.2
C70-C72	Brain & Nervous System	1	0.6	0	0.0	1	0.3
C73	Thyroid	3	1.7	1	0.6	4	1.2
C77	Secondary Lymph Nodes	8	4.4	3	1.9	11	3.2
C78	Secondary Respiratory &	5	2.8	4	2.5	9	2.6
C79	Other Secondary Org	1	0.6	1	0.6	2	0.6
C82-C85 & C96	Non-Hodgkins Lymphoma	8	4.4	3	1.9	11	3.2
C90	Multiple Myeloma	1	0.6	0	0.0	1	0.3
C92-C94	Myeloid Leukemia		0.0	1	0.6	1	0.3
Other & Unspecified Sites		1	0.6	3	1.9	4	1.2
All Geriatric Cancers		181	100.0	162	100.0	343	100.0

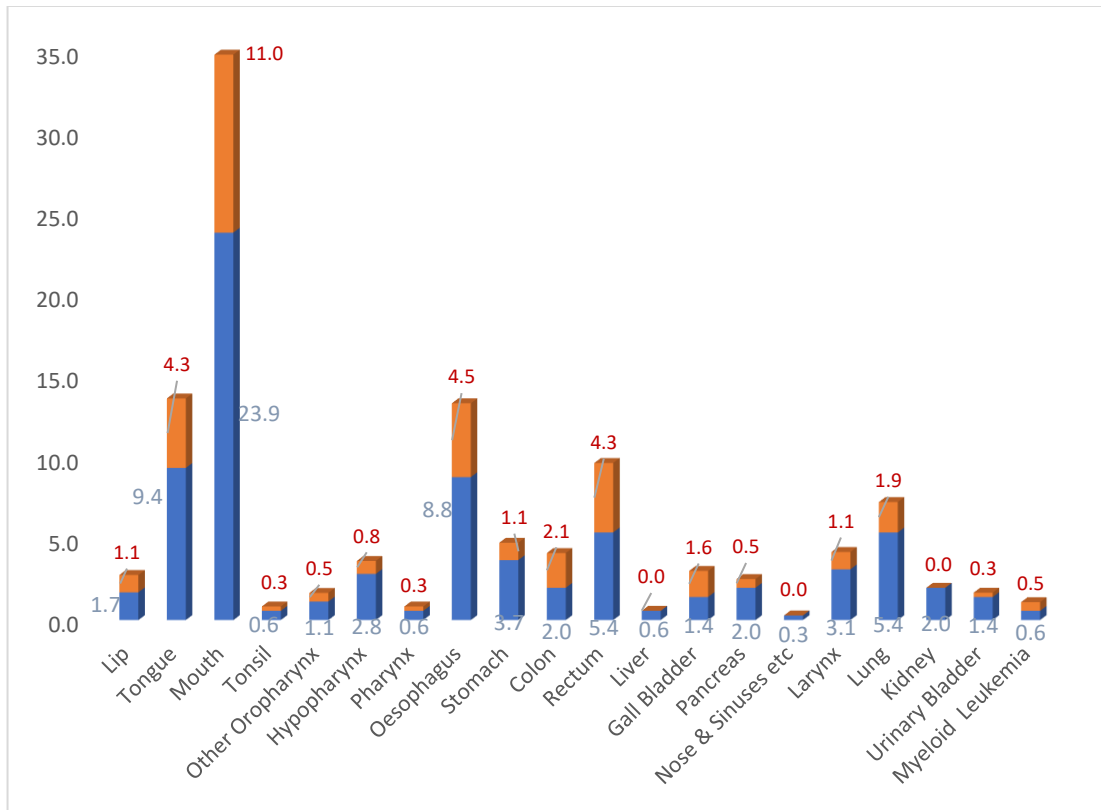
Tobacco Related Cancers

The consumption of tobacco is a major risk factor for cancers. The cancer sites such as lip, tongue, oral cavity, pharynx, oropharynx, hypopharynx, Oesophagus, Larynx, lung and urinary bladder are related to tobacco use. About, 60% 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. In Sindhudurg, we found that 55.8% of cancer are related to use of tobacco. Also, this percentage varies by gender, where 76.7% of male, and 36.1% female cancer accounted by TRC (see Table No. 8).

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

ICD-10	SITE	Male		Female		Total	
		Nos.	%	Nos.	%	Nos.	%
C00	Lip	6	1.7	4	1.1	10	1.4
C01-C02	Tongue	33	9.4	16	4.3	49	6.7
C03-C06	Mouth	84	23.9	41	11.0	125	17.2
C09	Tonsil	2	0.6	1	0.3	3	0.4
C10	Other Oropharynx	4	1.1	2	0.5	6	0.8
C12-C13	Hypopharynx	10	2.8	3	0.8	13	1.8
C14	Pharynx	2	0.6	1	0.3	3	0.4
C15	Oesophagus	31	8.8	17	4.5	48	6.6
C16	Stomach	13	3.7	4	1.1	17	2.3
C18	Colon	7	2.0	8	2.1	15	2.1
C19-C20	Rectum	19	5.4	16	4.3	35	4.8
C22	Liver	2	0.6	0	0.0	2	0.3
C23-C24	Gall Bladder	5	1.4	6	1.6	11	1.5
C25	Pancreas	7	2.0	2	0.5	9	1.2
C30-C31	Nose & Sinuses etc	1	0.3	0	0.0	1	0.1
C32	Larynx	11	3.1	4	1.1	15	2.1
C33-C34	Lung	19	5.4	7	1.9	26	3.6
C64	Kidney	7	2.0	0	0.0	7	1.0
C67	Urinary Bladder	5	1.4	1	0.3	6	0.8
C92-C94	Myeloid Leukemia	2	0.6	2	0.5	4	0.6
All TRC		270	76.7	135	36.1	405	55.8
Other Carcinomas		82	23.3	239	63.9	321	44.2
All Sites		352	100.0	374	100.0	726	100.0

Figure 7: Proportion (%) of Tobacco Related Cancer Cases by Gender: Sindhudurg, Year: 2015-2016



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.

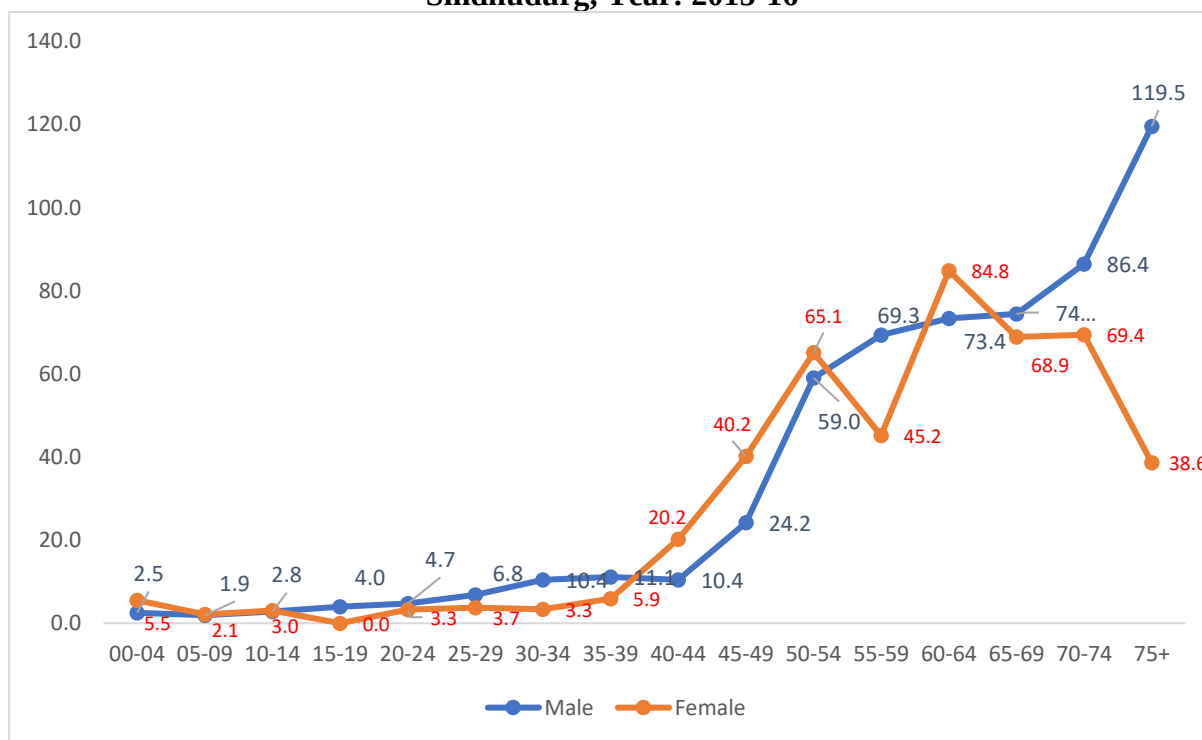
It is important to obtain mortality data on cancer patients, though it is difficult. In India due to lack of death registration as mandatory, it is quite difficult to obtain these cases. At our registry, mortality data has been obtained from the death records maintained by the Grampanchyat Office and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

In Table 9, displays the mortality rates for males and females by age groups. Where, we clearly see mortality rates for males are higher than females. Also, we seen that cancer mortality rates increase with advancement of age. In Fig. 8, it is clearly shows that cancer mortality rates are stable till to the age 30-34 years for both males and females; then there is a rise both the sexes.

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

Age-Group	Male		Female	
	Nos.	ASR	Nos.	ASR
00-04	1	2.5	2	5.5
05-09	1	1.9	1	2.1
10-14	2	2.8	2	3.0
15-19	3	4.0	0	0.0
20-24	3	4.7	2	3.3
25-29	4	6.8	2	3.7
30-34	6	10.4	2	3.3
35-39	7	11.1	4	5.9
40-44	7	10.4	14	20.2
45-49	15	24.2	24	40.2
50-54	30	59.0	32	65.1
55-59	30	69.3	19	45.2
60-64	27	73.4	37	84.8
65-69	26	74.4	32	68.9
70-74	25	86.4	25	69.4
75+	37	119.5	15	38.6
Total Death Cases	224	26.9	213	25.1

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



Top five Cancer mortality sites with its Proportion, CR, ASR and TR in Sindhudurg cancer registry is tabulated in table 10(a). The leading cancer sites among males are Mouth, followed by Oesophagus , Lung, Tongue and Rectum. The respective CR and AAR (death per 10⁵ population) for above cancer sites are Mouth (4.7 and 3.6), Oesophagus (2.3 and 1.6), Lung (2.2 and 1.5), Tongue (2.0 and 1.6) and Rectum (1.8 and 1.4) etc.

Table 10(a): Leading Cancer Sites- Crude (CR) and Age Adjusted Death Rate per 100,000 Population): Sindhudurg, Year: 2015-16-Males

ICD-10	SITE	Nos.	CR	AAR	TR
C03-C06	Mouth	39	4.7	3.6	8.2
C15	Oesophagus	19	2.3	1.6	3.0
C33-C34	Lung	18	2.2	1.5	2.5
C01-C02	Tongue	17	2.0	1.6	4.5
C19-C20	Rectum	15	1.8	1.4	2.5
All Death Cases		224	26.9	20.4	36.8

Table 10(b): It shows top five cancer mortality sites of female cancer in(death rates per 10⁵ population) Sindhudurg district during year 2015-16. Among female, breast shows highest mortality rate, followed by Mouth, Oesophagus, Cervix and Ovary. The respective CR and AAR (death per 10⁵ population) for above cancer sites are Breast (5.4 and 3.9), Mouth (3.0 and 2.1), Oesophagus (2.6 and 1.8), Cervix (2.1 and 1.5) and Ovary (1.7 and 1.1) etc.

Table 10(b): Leading Cancer Sites- Crude (CR) and Age Adjusted Death Rate per 100,000 Population): Sindhudurg, Year: 2015-16-Females

ICD-10	SITE	Nos.	CR	AAR	TR
C50	Breast	46	5.4	3.9	10.1
C03-C06	Mouth	25	3.0	2.1	4.6
C15	Oesophagus	22	2.6	1.8	3.8
C53	Cervix	18	2.1	1.5	4.0
C56	Ovary etc	14	1.7	1.1	2.7
All Death Cases		213	25.1	18.6	40.1

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

The mortality-incident or MI ratio is an indicator of the completeness and accuracy of cancer mortality data. In Sindhudurg, the mortality-incidence ratio (M/I %) is 63.8% among males and for females it is 57.2%. Whereas, we found that M/I ratio in Palghar is 51.6% for male and for female 40.4%, Ratnagiri is 58.1% in males and 48.5% in females; in Barshi Rural (2012-2016) for males, it is 71.9% and females is 63.0%; and M/I % Ratio for male in Mumbai (2012-2015) is 59.8%, while for female it is 52.4%.

It shows that the coverage of incident and mortality data has been satisfactory and is comparable to that observed in Karwar, 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 rate 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.

Among the males, mouth cancer is the leading site because of high usage of tobacco. Since we have observed from 2010 that mouth cancer shows highest incidence than any other cancer sites in Sindhudurg. The efforts are being undertaken constantly to improve coverage through contacts and correspondence with the local authorities and the medical fraternity in this area.

Tables

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**Table 1(a): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
Sindhudurg, 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	0	0	2	0	1	2	1	0	6	1.7
C01-C02	Tongue	0	0	0	0	0	0	1	2	3	3	5	6	5	5	2	1	33	9.4
C03-C06	Mouth	0	0	0	0	0	1	3	5	7	13	16	8	10	6	6	9	84	23.9
C07-C08	Salivary Gland	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	2	0.6
C09	Tonsil	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	0.6
C10	Oth Oropharynx	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	4	1.1
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	0	1	2	1	1	2	2	1	10	2.8
C14	Pharynx	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	0.6
C15	Oesophagus	0	0	0	0	0	0	1	0	1	4	2	7	5	3	1	7	31	8.8
C16	Stomach	0	0	0	0	0	0	1	0	1	2	2	0	0	2	4	1	13	3.7
C17	Small Intestine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.3
C18	Colon	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	4	7	2.0
C19-C20	Rectum	0	0	0	0	1	0	2	0	1	1	2	2	2	0	6	2	19	5.4
C21	Anus	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.3
C22	Liver	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0.6
C23-C24	Gall Bladder	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	2	5	1.4
C25	Pancreas	0	0	0	0	0	0	1	0	0	0	1	0	1	2	1	1	7	2.0
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	1	1	0.3
C32	Larynx	0	0	0	0	0	0	0	0	0	0	3	2	0	0	3	3	11	3.1
C33-C34	Lung	0	0	0	0	0	0	0	1	3	1	3	1	2	5	1	2	19	5.4
C37-C38	Oth Thorac Org	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.3
C40-C41	Bone	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0.6
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	1	0	1	0	1	1	2	6	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 & pns	0	0	1	2	0	1	0	0	0	0	0	0	0	1	0	2	7	2.0
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	0	0	0	0	0	0	0	0	0	1	1	0.3
C60	Penis	0	0	0	0	0	0	0	0	1	0	1	1	2	1	1	2	9	2.6
C61	Prostate	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	4	1.1
C62	Testis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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
C64	Kidney	1	0	0	0	0	0	0	0	0	1	0	0	2	1	1	1	7	2.0
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	0	0	1	0	0	2	2	5	1.4
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	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	3	0.9
C73	Thyroid	0	0	0	0	0	1	0	0	0	1	1	0	2	0	1	0	6	1.7
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	0	0	1	0	1	1	2	3	2	10	2.8
C78	Sec Resp & Dig	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	5	1.4
C79	Oth Sec Org	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	0.6
C81	Hodg Dis	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	2	0.6
C82-C85 &	NHL	0	0	0	0	2	0	0	0	0	0	1	1	2	3	1	2	12	3.4
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	0	0	0	1	0	1	0.3
C91	Lymp Leuk	1	0	0	1	0	3	0	0	0	0	0	1	0	0	0	0	6	1.7
C92-C94	Myeloid Leuk	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	0.6
C95	Leukemia Uns	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Other & Unspecified Sites		0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.3
All Sites		2	1	2	4	4	7	9	9	18	32	42	41	41	39	44	57	352	100.0
%		0.6	0.3	0.6	1.1	1.1	2.0	2.6	2.6	5.1	9.1	11.9	11.6	11.6	11.1	12.5	16.2	100.0	28.4

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

ICD-10	SITE	00-	05-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	Total	%
C00	Lip	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0	4	1.1
C01-C02	Tongue	0	0	0	0	0	0	0	0	1	3	2	2	2	3	2	1	16	4.3
C03-C06	Mouth	0	0	0	0	0	1	0	0	3	3	3	3	10	11	2	5	41	11.0
C07-C08	Saliv Gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C09	Tonsil	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.3
C10	Other Oropharynx	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0.5
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	1	0	0	0	0	0	1	3	0.8
C14	Pharynx	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.3
C15	Oesophagus	0	0	0	0	0	0	1	1	0	0	4	2	3	2	2	2	17	4.5
C16	Stomach	0	0	0	0	0	0	0	0	0	1	0	0	0	2	1	0	4	1.1
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	1	0	2	0	2	1	1	1	0	8	2.1
C19-C20	Rectum	0	0	0	0	0	0	0	1	2	1	2	1	2	3	2	2	16	4.3
C21	Anus	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.3
C22	Liver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C23-C24	Gall Bladder	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	1	6	1.6
C25	Pancreas	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	0.5
C26	Other Digestive Organs	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.3
C30-C31	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	1	0	1	0	1	0	0	0	1	4	1.1
C33-C34	Lung	0	0	0	0	0	0	0	0	0	0	2	0	0	1	3	1	7	1.9
C37-C38	Other Thoracic Organs	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.3
C40-C41	Bone	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
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	0	1	0	0	1	0	2	0.5
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	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3	0.8
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	1	7	10	15	16	21	19	19	10	5	8	131	35.0
C51	Valva	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	0.0
C53	Cervix	0	0	0	0	0	0	0	1	3	4	4	6	4	5	5	0	32	8.6
C54-C55	Corpus Uteri	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0.8
C56	Ovary etc	0	0	0	0	1	0	1	2	1	3	3	0	4	4	1	1	21	5.6
C57	Oth.Fem.Gem	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
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	1	0	0	0	0	0	0	0	0	0	1	0.3
C68	Unspeci.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 & Nervous Sys	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.3
C73	Thyroid	0	0	0	0	0	0	2	2	0	0	3	1	1	0	0	0	9	2.4
C74	Adrenal Glands	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.3
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 Nodes	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	1	6	1.6
C78	Sec Resp & Dig Org	0	0	0	0	0	0	0	2	0	1	3	0	2	1	1	0	10	2.7
C79	Other Secondary Org	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.3
C81	Hodg.Dis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C82-C85 &	Non-Hodgkins Lymphoma	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3	6	1.6
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	0	0	0	0	0	0	0.0
C91	Lymphoid Leukemia	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	6	1.6
C92-C94	Myeloid Leukemia	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2	0.5
C95	Leukemia Uns	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Other & Unspecified Sites		0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	4	1.1
All Sites		2	2	1	0	1	2	14	24	31	38	55	42	53	52	29	28	374	100.0
%		0.5	0.5	0.3	0.0	0.3	0.5	3.7	6.4	8.3	10.2	14.7	11.2	14.2	13.9	7.8	7.5	100.0	

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

ICD-10	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	AAR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	2.7	5.7	3.5	0.0	0.7	0.5	1.0
C01-C02	Tongue	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.2	4.5	4.8	9.8	13.9	13.6	14.3	6.9	3.2	4.0	3.1	7.5
C03-C06	Mouth	0.0	0.0	0.0	0.0	0.0	1.7	5.2	8.0	10.4	21.0	31.5	18.5	27.2	17.2	20.7	29.1	10.1	7.7	18.6
C07-C08	Salivary Gland	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.2	0.2	0.3
C09	Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	3.2	0.2	0.2	0.3
C10	Other Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	2.3	0.0	0.0	3.5	3.2	0.5	0.3	0.6
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	0.0	1.6	3.9	2.3	2.7	5.7	6.9	3.2	1.2	0.9	1.6
C14	Pharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	3.2	0.2	0.2	0.3
C15	Oesophagus	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	1.5	6.5	3.9	16.2	13.6	8.6	3.5	22.6	3.7	2.7	6.0
C16	Stomach	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	1.5	3.2	3.9	0.0	0.0	5.7	13.8	3.2	1.6	1.1	1.5
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	3.5	0.0	0.1	0.1	0.0
C18	Colon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.7	0.0	3.5	12.9	0.8	0.5	0.6
C19-C20	Rectum	0.0	0.0	0.0	0.0	1.6	0.0	3.5	0.0	1.5	1.6	3.9	4.6	5.4	0.0	20.7	6.5	2.3	1.7	2.5
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	2.7	0.0	0.0	0.0	0.1	0.1	0.4
C22	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.7	0.0	0.0	0.0	0.2	0.2	0.6
C23-C24	Gall Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	2.3	0.0	2.9	0.0	6.5	0.6	0.4	0.6
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	2.0	0.0	2.7	5.7	3.5	3.2	0.8	0.6	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
C30-C31	Nose & Sinuses etc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	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	0.0	5.9	4.6	0.0	0.0	10.4	9.7	1.3	0.9	1.5
C33-C34	Lung	0.0	0.0	0.0	0.0	0.0	0.0	1.6	4.5	1.6	5.9	2.3	5.4	14.3	3.5	6.5	2.3	1.7	3.4	
C37-C38	Other 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	3.5	0.0	0.1	0.1	0.0
C40-C41	Bone	0.0	0.0	1.4	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	0.2	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	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	1.6	0.0	2.3	0.0	2.9	3.5	6.5	0.7	0.5	0.6
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 & PNS	0.0	0.0	1.4	2.7	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	6.5	0.8	0.7	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.1	0.1	0.0
C60	Penis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	2.0	2.3	5.4	2.9	3.5	6.5	1.1	0.8	1.6
C61	Prostate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	9.7	0.5	0.3	0.4
C62	Testis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	5.4	2.9	3.5	3.2	0.8	0.8	1.0
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	Urinary Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	6.9	6.5	0.6	0.4	0.3
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 & Nervous Sys	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	3.2	0.4	0.4	0.3
C73	Thyroid	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	1.6	2.0	0.0	5.4	0.0	3.5	0.0	0.7	0.6	1.3
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 Nodes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	2.3	2.7	5.7	10.4	6.5	1.2	0.8	1.0
C78	Sec Resp & 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	5.7	3.5	6.5	0.6	0.4	0.0
C79	Other Secondary	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	2.7	0.0	0.0	0.0	0.2	0.2	0.7
C81	Hodgkins Disease	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3
C82-C85 & C96	Non-Hodgkins Lymphoma	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	2.0	2.3	5.4	8.6	3.5	6.5	1.4	1.1	1.3
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	Multiple Myeloma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.1	0.1	0.0
C91	Lymphoid Leukemia	2.5	0.0	0.0	1.3	0.0	5.1	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.7	0.9	0.3
C92-C94	Myeloid Leukemia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.6
C95	Leukemia Uns	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other & Unspecified 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	0.0	3.5	0.0	0.1	0.1	0.0
All sites		5.1	1.9	2.8	5.3	6.3	11.9	15.6	14.3	26.8	51.7	82.7	94.8	111.4	111.7	152.1	184.2	42.2	32.0	57.9

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

ICD-10	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	AAR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	2.4	2.3	0.0	2.8	0.0	0.5	0.3	0.6
C01-C02	Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	5.0	4.1	4.8	4.6	6.5	5.6	2.6	1.9	1.3	3.1
C03-C06	Mouth	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	4.3	5.0	6.1	7.1	22.9	23.7	5.6	12.9	4.8	3.3	6.7
C07-08	Saliv. 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
C09	Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3
C10	Other Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.6
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	1.4	1.7	0.0	0.0	0.0	0.0	0.0	2.6	0.4	0.2	0.6
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	2.3	0.0	0.0	0.0	0.1	0.1	0.3
C15	Oesophagus	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.5	0.0	0.0	8.1	4.8	6.9	4.3	5.6	5.1	2.0	1.4	3.1
C16	Stomach	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	4.3	2.8	0.0	0.5	0.3	0.3
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	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	1.5	0.0	3.3	0.0	4.8	2.3	2.2	2.8	0.0	0.9	0.7	1.8
C19-C20	Rectum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.9	1.7	4.1	2.4	4.6	6.5	5.6	5.1	1.9	1.3	2.7
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	2.2	0.0	0.0	0.1	0.1	0.0
C22	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C23-C24	Gall Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	4.6	4.3	0.0	2.6	0.7	0.5	0.9
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	2.4	0.0	0.0	0.0	0.0	0.2	0.2	0.6
C26	Other Digestive	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3
C30-C31	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	1.5	0.0	1.7	0.0	2.4	0.0	0.0	0.0	2.6	0.5	0.3	0.9
C33-C34	Lung	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	2.2	8.3	2.6	0.8	0.5	0.7
C37-C38	Other Thoracic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3
C40-C41	Bone	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	2.4	0.0	0.0	2.8	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	2.1	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	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	0.0	0.0	1.9	11.6	14.8	21.6	26.8	42.7	45.2	43.5	21.5	13.9	20.6	15.5	11.7	30.6
C51	Valva	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C53	Cervix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	4.3	6.7	8.1	14.3	9.2	10.8	13.9	0.0	3.8	2.7	6.8
C54-C55	Corpus Uteri	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	0.0	0.0	0.4	0.2	0.0
C56	Ovary etc	0.0	0.0	0.0	0.0	1.6	0.0	1.7	3.0	1.4	5.0	6.1	0.0	9.2	8.6	2.8	2.6	2.5	1.8	4.0
C57	Oth.Fem.Gem	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
C68	Unspeci.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 & Nervous	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3
C73	Thyroid	0.0	0.0	0.0	0.0	0.0	0.0	3.3	3.0	0.0	0.0	6.1	2.4	2.3	0.0	0.0	0.0	1.1	0.9	2.2
C74	Adrenal Glands	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	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 Nodes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	2.0	2.4	0.0	2.2	2.8	2.6	0.7	0.5	0.9
C78	Sec Resp & Dig Org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	1.7	6.1	0.0	4.6	2.2	2.8	0.0	1.2	0.9	2.5
C79	Other Sec 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	2.2	0.0	0.0	0.1	0.1	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	Non-Hodgkins Lymphoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	2.4	0.0	0.0	0.0	7.7	0.7	0.5	1.0
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C91	Lymphoid	2.8	2.1	1.5	0.0	0.0	0.0	1.7	1.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.0	0.6
C92-C94	Myeloid Leukemia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	2.2	0.0	0.0	0.2	0.2	0.3
C95	Leukemia Uns	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other & Unspecified Sites		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	2.3	0.0	2.8	2.6	0.5	0.3	0.6
All Sites		5.5	4.2	1.5	0.0	1.6	3.7	23.3	35.5	44.7	63.6	111.8	99.8	121.5	111.9	80.5	72.1	44.1	32.5	74.4

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

ICD-10	SITE	Clinical	DCO	Microscopic	Radiology	Others	TOTAL	%
C00	Lip	0	0	6	0	0	6	1.7
C01-C02	Tongue	0	0	33	0	0	33	9.4
C03-C06	Mouth	1	0	79	0	4	84	23.9
C07-C08	Salivary Gland	0	0	2	0	0	2	0.6
C09	Tonsil	0	0	2	0	0	2	0.6
C10	Other Oropharynx	0	0	3	0	1	4	1.1
C11	Nasopharynx	0	0	0	0	0	0	0.0
C12-C13	Hypopharynx	0	0	9	0	1	10	2.8
C14	Pharynx	0	0	2	0	0	2	0.6
C15	Oesophagus	0	0	31	0	0	31	8.8
C16	Stomach	2	0	10	0	1	13	3.7
C17	Small Intestine	0	0	1	0	0	1	0.3
C18	Colon	1	0	6	0	0	7	2.0
C19-C20	Rectum	1	0	17	0	1	19	5.4
C21	Anus	0	0	1	0	0	1	0.3
C22	Liver	0	0	1	1	0	2	0.6
C23-C24	Gall Bladder	0	0	4	1	0	5	1.4
C25	Pancreas	2	0	5	0	0	7	2.0
C26	Oth. Dig.Org	0	0	0	0	0	0	0.0
C30-C31	Nose & Sinuses etc	0	0	1	0	0	1	0.3
C32	Larynx	1	0	9	0	1	11	3.1
C33-C34	Lung	0	0	19	0	0	19	5.4
C37-C38	Oth Thoracic Organs	0	0	1	0	0	1	0.3
C40-C41	Bone	0	0	2	0	0	2	0.6
C43	Skin Melanoma	0	0	0	0	0	0	0.0
C44	Other Skin	0	0	5	0	1	6	1.7
C45	Mesothelioma	0	0	0	0	0	0	0.0
C47&C49	soft tissue & pns	0	0	7	0	0	7	2.0
C48	Retroperitoneum	0	0	0	0	0	0	0.0
C50	Breast	0	0	1	0	0	1	0.3
C60	Penis	0	0	9	0	0	9	2.6
C61	Prostate	0	0	4	0	0	4	1.1
C62	Testis	0	0	0	0	0	0	0.0
C63	Oth. Male Gen	0	0	0	0	0	0	0.0
C64	Kidney	0	0	7	0	0	7	2.0
C65	Renal Pevis	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0.0
C67	Urinary Bladder	1	0	4	0	0	5	1.4
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 & Nervous Sys	0	0	3	0	0	3	0.9
C73	Thyroid	0	0	6	0	0	6	1.7
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 Nodes	0	0	10	0	0	10	2.8
C78	Sec Resp & Dig Org	0	1	4	0	0	5	1.4
C79	Other Secondary Org	0	0	2	0	0	2	0.6
C81	Hodgkins Disease	0	0	2	0	0	2	0.6
C82-C85 & C96	Non-Hodgkins	0	0	12	0	0	12	3.4
C88	Immunopro. Dis	0	0	0	0	0	0	0.0
C90	Multiple Myeloma	0	0	1	0	0	1	0.3
C91	Lymphoid Leukemia	0	0	6	0	0	6	1.7
C92-C94	Myeloid Leukemia	0	0	2	0	0	2	0.6
C95	Leukemia Uns	0	0	0	0	0	0	0.0
Other & Unspecified Sites		1	0	0	0	0	1	0.3
All Sites		10	1	329	2	10	352	100.0
%		2.8	0.3	93.5	0.6	2.8	100.0	

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

ICD-10	SITE	Clinical	DCO	Microscopic	Radiology	Others	TOTAL	%
C00	Lip	0	0	4	0	0	4	1.1
C01-C02	Tongue	1	0	14	0	1	16	4.3
C03-C06	Mouth	0	0	41	0	0	41	11.0
C07-08	Saliv. Gland	0	0	0	0	0	0	0.0
C09	Tonsil	0	0	1	0	0	1	0.3
C10	Other Oropharynx	0	0	2	0	0	2	0.5
C11	Nasopharynx	0	0	0	0	0	0	0.0
C12-C13	Hypopharynx	1	0	2	0	0	3	0.8
C14	Pharynx	0	0	1	0	0	1	0.3
C15	Oesophagus	0	0	17	0	0	17	4.5
C16	Stomach	2	0	2	0	0	4	1.1
C17	Small Intestine	0	0	0	0	0	0	0.0
C18	Colon	1	0	7	0	0	8	2.1
C19-C20	Rectum	0	0	16	0	0	16	4.3
C21	Anus	0	0	1	0	0	1	0.3
C22	Liver	0	0	0	0	0	0	0.0
C23-C24	Gall Bladder	0	0	6	0	0	6	1.6
C25	Pancreas	0	0	1	1	0	2	0.5
C26	Other Digestive Organs	0	0	0	0	1	1	0.3
C30-C31	Nose & Sinus	0	0	0	0	0	0	0.0
C32	Larynx	0	0	4	0	0	4	1.1
C33-C34	Lung	0	0	7	0	0	7	1.9
C37-C38	Other Thoracic Organs	0	0	1	0	0	1	0.3
C40-C41	Bone	0	0	0	0	0	0	0.0
C43	Skin Melanoma	0	0	0	0	0	0	0.0
C44	Other Skin	0	0	2	0	0	2	0.5
C45	Mesothelioma	0	0	0	0	0	0	0.0
C47&C49	Soft Tissue	1	0	2	0	0	3	0.8
C48	Retroperitoneum	0	0	0	0	0	0	0.0
C50	Breast	0	0	124	0	7	131	35.0
C51	Valva	0	0	0	0	0	0	0.0
C52	Vagina	0	0	0	0	0	0	0.0
C53	Cervix	0	0	32	0	0	32	8.6
C54-C55	Corpus Uteri	0	0	3	0	0	3	0.8
C56	Ovary etc	0	0	21	0	0	21	5.6
C57	Oth.Fem.Gem	0	0	0	0	0	0	0.0
C58	Placenta	0	0	0	0	0	0	0.0
C64	Kidney	0	0	0	0	0	0	0.0
C65	Renal Pelvis	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0.0
C67	Urinary Bladder	0	0	1	0	0	1	0.3
C68	Unspeci.Urin. Org	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	0	0.0
C70-C72	Brain & Nervous System	0	0	1	0	0	1	0.3
C73	Thyroid	0	0	9	0	0	9	2.4
C74	Adrenal Glands	0	0	1	0	0	1	0.3
C75	Oth. Endo. Gland	0	0	0	0	0	0	0.0
C77	Secondary Lymph Nodes	0	0	6	0	0	6	1.6
C78	Secondary Respiratory &	0	0	9	1	0	10	2.7
C79	Other Secondary Org	0	0	0	1	0	1	0.3
C81	Hodg.Dis	0	0	0	0	0	0	0.0
C82-C85	Non-Hodgkins Lymphoma	0	0	6	0	0	6	1.6
C88	Immunopro.Dis	0	0	0	0	0	0	0.0
C90	Myeloma	0	0	0	0	0	0	0.0
C91	Lymphoid Leukemia	0	0	6	0	0	6	1.6
C92-C94	Myeloid Leukemia	0	0	2	0	0	2	0.5
C95	Leukemia Uns	0	0	0	0	0	0	0.0
Other & Unspecified Sites		0	0	4	0	0	4	1.1
All Sites		6	0	356	3	9	374	100.0
%		1.6	0.0	95.2	0.8	2.4	100.0	

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

ICD-10	SITE	Unmarried	Married	Widow	Divorced	Separated	Unknown	Total	%
C00	Lip	0	6	0	0	0	0	6	1.7
C01-C02	Tongue	4	28	1	0	0	0	33	9.4
C03-C06	Mouth	4	79	0	0	0	1	84	23.9
C07-C08	Salivary Gland	1	1	0	0	0	0	2	0.6
C09	Tonsil	0	1	1	0	0	0	2	0.6
C10	Other Oropharynx	0	4	0	0	0	0	4	1.1
C11	Nasopharynx	0	0	0	0	0	0	0	0.0
C12-C13	Hypopharynx	1	9	0	0	0	0	10	2.8
C14	Pharynx	0	2	0	0	0	0	2	0.6
C15	Oesophagus	0	30	0	0	0	1	31	8.8
C16	Stomach	0	12	0	0	0	1	13	3.7
C17	Small Intestine	0	1	0	0	0	0	1	0.3
C18	Colon	0	7	0	0	0	0	7	2.0
C19-C20	Rectum	2	17	0	0	0	0	19	5.4
C21	Anus	1	0	0	0	0	0	1	0.3
C22	Liver	0	2	0	0	0	0	2	0.6
C23-C24	Gall Bladder	0	5	0	0	0	0	5	1.4
C25	Pancreas	1	6	0	0	0	0	7	2.0
C26	Oth. Dig.Org	0	0	0	0	0	0	0	0.0
C30-C31	Nose & Sinuses etc	0	1	0	0	0	0	1	0.3
C32	Larynx	0	11	0	0	0	0	11	3.1
C33-C34	Lung	0	19	0	0	0	0	19	5.4
C37-C38	Other Thoracic Organs	0	1	0	0	0	0	1	0.3
C40-C41	Bone	2	0	0	0	0	0	2	0.6
C43	Skin Melanoma	0	0	0	0	0	0	0	0.0
C44	Other Skin	0	6	0	0	0	0	6	1.7
C45	Mesothelioma	0	0	0	0	0	0	0	0.0
C47&C49	soft tissue & pns	2	4	0	0	0	1	7	2.0
C48	Retroperitoneum	0	0	0	0	0	0	0	0.0
C50	Breast	0	1	0	0	0	0	1	0.3
C60	Penis	0	9	0	0	0	0	9	2.6
C61	Prostate	0	4	0	0	0	0	4	1.1
C62	Testis	0	0	0	0	0	0	0	0.0
C63	Oth. Male Gen	0	0	0	0	0	0	0	0.0
C64	Kidney	1	5	0	0	0	1	7	2.0
C65	Renal Pevis	0	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0	0.0
C67	Urinary Bladder	0	5	0	0	0	0	5	1.4
C68	Unspc Urin.Org	0	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	0	0	0.0
C70-C72	Brain & Nervous System	1	2	0	0	0	0	3	0.9
C73	Thyroid	0	6	0	0	0	0	6	1.7
C74	Adrenal gland	0	0	0	0	0	0	0	0.0
C75	Oth. Endo.Gland	0	0	0	0	0	0	0	0.0
C77	Secondary Lymph Nodes	1	8	0	0	0	1	10	2.8
C78	Secondary Respiratory &	0	5	0	0	0	0	5	1.4
C79	Other Secondary Org	0	2	0	0	0	0	2	0.6
C81	Hodgkins Disease	0	2	0	0	0	0	2	0.6
C82-C85 & C96	Non-Hodgkins Lymphoma	3	9	0	0	0	0	12	3.4
C88	Immunopro. Dis	0	0	0	0	0	0	0	0.0
C90	Multiple Myeloma	0	1	0	0	0	0	1	0.3
C91	Lymphoid Leukemia	4	2	0	0	0	0	6	1.7
C92-C94	Myeloid Leukemia	0	2	0	0	0	0	2	0.6
C95	Leukemia Uns	0	0	0	0	0	0	0	0.0
Other & Unspecified Sites		0	1	0	0	0	0	1	0.3
All Sites		28	316	2	0	0	6	352	100.0
%		8.0	89.8	0.6	0.0	0.0	1.7	100.0	

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

ICD-10	SITE	Unmarried	Married	Widow	Divorced	Separated	Unknown	TOTAL	%
C00	Lip	0	4	0	0	0	0	4	1.1
C01-C02	Tongue	1	12	1	1	0	1	16	4.3
C03-C06	Mouth	0	35	5	0	0	1	41	11.0
C07-08	Saliv. Gland	0	0	0	0	0	0	0	0.0
C09	Tonsil	0	0	1	0	0	0	1	0.3
C10	Other Oropharynx	0	2	0	0	0	0	2	0.5
C11	Nasopharynx	0	0	0	0	0	0	0	0.0
C12-C13	Hypopharynx	0	3	0	0	0	0	3	0.8
C14	Pharynx	0	1	0	0	0	0	1	0.3
C15	Oesophagus	0	13	2	0	0	2	17	4.5
C16	Stomach	0	4	0	0	0	0	4	1.1
C17	Small Intestine	0	0	0	0	0	0	0	0.0
C18	Colon	0	6	2	0	0	0	8	2.1
C19-C20	Rectum	1	13	2	0	0	0	16	4.3
C21	Anus	0	0	1	0	0	0	1	0.3
C22	Liver	0	0	0	0	0	0	0	0.0
C23-C24	Gall Bladder	0	5	1	0	0	0	6	1.6
C25	Pancreas	0	1	1	0	0	0	2	0.5
C26	Other Digestive Organs	0	1	0	0	0	0	1	0.3
C30-C31	Nose & Sinus	0	0	0	0	0	0	0	0.0
C32	Larynx	0	3	1	0	0	0	4	1.1
C33-C34	Lung	0	3	4	0	0	0	7	1.9
C37-C38	Other Thoracic Organs	0	1	0	0	0	0	1	0.3
C40-C41	Bone	0	0	0	0	0	0	0	0.0
C43	Skin Melanoma	0	0	0	0	0	0	0	0.0
C44	Other Skin	0	1	1	0	0	0	2	0.5
C45	Mesothelioma	0	0	0	0	0	0	0	0.0
C47&C49	Soft Tissue	1	2	0	0	0	0	3	0.8
C48	Retroperitoneum	0	0	0	0	0	0	0	0.0
C50	Breast	1	116	7	0	0	7	131	35.0
C51	Valva	0	0	0	0	0	0	0	0.0
C52	Vagina	0	0	0	0	0	0	0	0.0
C53	Cervix	0	27	3	0	1	1	32	8.6
C54-C55	Corpus Uteri	0	3	0	0	0	0	3	0.8
C56	Ovary etc	1	17	3	0	0	0	21	5.6
C57	Oth.Fem.Gem	0	0	0	0	0	0	0	0.0
C58	Placenta	0	0	0	0	0	0	0	0.0
C64	Kidney	0	0	0	0	0	0	0	0.0
C65	Renal Pelvis	0	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0	0.0
C67	Urinary Bladder	0	1	0	0	0	0	1	0.3
C68	Unspeci.Urin. Org	0	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	0	0	0.0
C70-C72	Brain & Nervous System	0	1	0	0	0	0	1	0.3
C73	Thyroid	1	8	0	0	0	0	9	2.4
C74	Adrenal Glands	1	0	0	0	0	0	1	0.3
C75	Oth. Endo. Gland	0	0	0	0	0	0	0	0.0
C77	Secondary Lymph Nodes	0	6	0	0	0	0	6	1.6
C78	Secondary Respiratory &	0	9	1	0	0	0	10	2.7
C79	Other Secondary Org	0	1	0	0	0	0	1	0.3
C81	Hodg.Dis	0	0	0	0	0	0	0	0.0
C82-C85 & C96	Non-Hodgkins Lymphoma	0	4	2	0	0	0	6	1.6
C88	Immunopro.Dis	0	0	0	0	0	0	0	0.0
C90	Myeloma	0	0	0	0	0	0	0	0.0
C91	Lymphoid Leukemia	3	3	0	0	0	0	6	1.6
C92-C94	Myeloid Leukemia	0	2	0	0	0	0	2	0.5
C95	Leukemia Uns	0	0	0	0	0	0	0	0.0
Other & Unspecified Sites		0	3	0	0	0	1	4	1.1
All Sites		10	311	38	1	1	13	374	100.0
%		2.7	83.2	10.2	0.3	0.3	3.5	100.0	

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

ICD-10	SITE	Gujrathi	Hindi	Marathi	Telgu	Urdu	Tulu	Konkani	Unk	Total	%
C00	Lip	0	0	6	0	0	0	0	0	6	1.7
C01-C02	Tongue	0	0	32	0	0	0	0	1	33	9.4
C03-C06	Mouth	0	2	82	0	0	0	0	0	84	23.9
C07-C08	Salivary Gland	0	0	2	0	0	0	0	0	2	0.6
C09	Tonsil	0	0	2	0	0	0	0	0	2	0.6
C10	Other Oropharynx	0	0	4	0	0	0	0	0	4	1.1
C11	Nasopharynx	0	0	0	0	0	0	0	0	0	0.0
C12-C13	Hypopharynx	0	1	9	0	0	0	0	0	10	2.8
C14	Pharynx	0	0	1	0	0	0	0	1	2	0.6
C15	Oesophagus	0	1	29	0	0	0	0	1	31	8.8
C16	Stomach	0	0	12	0	0	0	0	1	13	3.7
C17	Small Intestine	0	0	1	0	0	0	0	0	1	0.3
C18	Colon	0	0	7	0	0	0	0	0	7	2.0
C19-C20	Rectum	0	0	19	0	0	0	0	0	19	5.4
C21	Anus	0	0	1	0	0	0	0	0	1	0.3
C22	Liver	0	0	2	0	0	0	0	0	2	0.6
C23-C24	Gall Bladder	0	0	5	0	0	0	0	0	5	1.4
C25	Pancreas	0	0	7	0	0	0	0	0	7	2.0
C26	Oth. Dig.Org	0	0	0	0	0	0	0	0	0	0.0
C30-C31	Nose & Sinuses etc	0	0	1	0	0	0	0	0	1	0.3
C32	Larynx	0	1	10	0	0	0	0	0	11	3.1
C33-C34	Lung	0	0	18	1	0	0	0	0	19	5.4
C37-C38	Other Thoracic Organs	0	0	1	0	0	0	0	0	1	0.3
C40-C41	Bone	0	0	2	0	0	0	0	0	2	0.6
C43	Skin Melanoma	0	0	0	0	0	0	0	0	0	0.0
C44	Other Skin	0	0	6	0	0	0	0	0	6	1.7
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0.0
C47&C49	soft tissue & pns	0	1	5	0	0	0	0	1	7	2.0
C48	Retroperitoneum	0	0	0	0	0	0	0	0	0	0.0
C50	Breast	0	0	1	0	0	0	0	0	1	0.3
C60	Penis	0	1	8	0	0	0	0	0	9	2.6
C61	Prostate	0	1	3	0	0	0	0	0	4	1.1
C62	Testis	0	0	0	0	0	0	0	0	0	0.0
C63	Oth. Male Gen	0	0	0	0	0	0	0	0	0	0.0
C64	Kidney	0	0	6	0	0	0	0	1	7	2.0
C65	Renal Pevis	0	0	0	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0	0	0	0.0
C67	Urinary Bladder	0	0	5	0	0	0	0	0	5	1.4
C68	Unspc Urin.Org	0	0	0	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	0	0	0	0	0.0
C70-C72	Brain & Nervous System	0	0	3	0	0	0	0	0	3	0.9
C73	Thyroid	0	0	6	0	0	0	0	0	6	1.7
C74	Adrenal gland	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
C77	Secondary Lymph Nodes	0	0	9	0	0	0	0	1	10	2.8
C78	Secondary Resp & Dig Org	0	0	4	0	0	0	0	1	5	1.4
C79	Other Secondary Org	0	0	2	0	0	0	0	0	2	0.6
C81	Hodgkins Disease	0	0	2	0	0	0	0	0	2	0.6
C82-C85 &	Non-Hodgkins Lymphoma	0	0	12	0	0	0	0	0	12	3.4
C88	Immunopro. Dis	0	0	0	0	0	0	0	0	0	0.0
C90	Multiple Myeloma	0	0	1	0	0	0	0	0	1	0.3
C91	Lymphoid Leukemia	0	0	6	0	0	0	0	0	6	1.7
C92-C94	Myeloid Leukemia	0	0	2	0	0	0	0	0	2	0.6
C95	Leukemia Uns	0	0	0	0	0	0	0	0	0	0.0
Other &	Other & Unspecified Sites	0	0	1	0	0	0	0	0	1	0.3
All Sites		0	8	335	1	0	0	0	8	352	100.0
%		0.0	2.3	95.2	0.3	0.0	0.0	0.0	2.3	100.0	

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

ICD-10	SITE	Gujrathi	Hindi	Marathi	Telgu	Urdu	Tulu	Konkani	Unk	Total	%
C00	Lip	0	0	4	0	0	0	0	0	4	1.1
C01-C02	Tongue	0	0	15	0	0	0	0	1	16	4.3
C03-C06	Mouth	0	1	39	0	0	0	0	1	41	11.0
C07-08	Saliv. Gland	0	0	0	0	0	0	0	0	0	0.0
C09	Tonsil	0	0	1	0	0	0	0	0	1	0.3
C10	Other Oropharynx	0	0	2	0	0	0	0	0	2	0.5
C11	Nasopharynx	0	0	0	0	0	0	0	0	0	0.0
C12-C13	Hypopharynx	0	0	3	0	0	0	0	0	3	0.8
C14	Pharynx	0	0	1	0	0	0	0	0	1	0.3
C15	Oesophagus	0	0	14	0	0	0	1	2	17	4.5
C16	Stomach	0	0	4	0	0	0	0	0	4	1.1
C17	Small Intestine	0	0	0	0	0	0	0	0	0	0.0
C18	Colon	0	0	8	0	0	0	0	0	8	2.1
C19-C20	Rectum	0	0	16	0	0	0	0	0	16	4.3
C21	Anus	0	0	1	0	0	0	0	0	1	0.3
C22	Liver	0	0	0	0	0	0	0	0	0	0.0
C23-C24	Gall Bladder	0	0	6	0	0	0	0	0	6	1.6
C25	Pancreas	0	0	2	0	0	0	0	0	2	0.5
C26	Oth Dig Organs	0	0	1	0	0	0	0	0	1	0.3
C30-C31	Nose & Sinus	0	0	0	0	0	0	0	0	0	0.0
C32	Larynx	0	0	4	0	0	0	0	0	4	1.1
C33-C34	Lung	0	0	7	0	0	0	0	0	7	1.9
C37-C38	Other Thoracic Organs	0	0	1	0	0	0	0	0	1	0.3
C40-C41	Bone	0	0	0	0	0	0	0	0	0	0.0
C43	Skin Melanoma	0	0	0	0	0	0	0	0	0	0.0
C44	Other Skin	0	0	2	0	0	0	0	0	2	0.5
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0.0
C47&C49	Soft Tissue	0	0	3	0	0	0	0	0	3	0.8
C48	Retroperitoneum	0	0	0	0	0	0	0	0	0	0.0
C50	Breast	1	3	114	0	2	0	1	10	131	35.0
C51	Valva	0	0	0	0	0	0	0	0	0	0.0
C52	Vagina	0	0	0	0	0	0	0	0	0	0.0
C53	Cervix	0	0	30	0	0	0	1	1	32	8.6
C54-C55	Corpus Uteri	0	0	3	0	0	0	0	0	3	0.8
C56	Ovary etc	0	1	20	0	0	0	0	0	21	5.6
C57	Oth.Fem.Gem	0	0	0	0	0	0	0	0	0	0.0
C58	Placenta	0	0	0	0	0	0	0	0	0	0.0
C64	Kidney	0	0	0	0	0	0	0	0	0	0.0
C65	Renal Pelvis	0	0	0	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0	0	0	0.0
C67	Urinary Bladder	0	0	1	0	0	0	0	0	1	0.3
C68	Unspeci.Urin. Org	0	0	0	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	0	0	0	0	0.0
C70-C72	Brain & Nervous System	0	0	1	0	0	0	0	0	1	0.3
C73	Thyroid	0	0	8	0	0	0	1	0	9	2.4
C74	Adrenal Glands	0	0	1	0	0	0	0	0	1	0.3
C75	Oth. Endo. Gland	0	0	0	0	0	0	0	0	0	0.0
C77	Secondary Lymph Nodes	0	0	6	0	0	0	0	0	6	1.6
C78	Secondary Resp & Dig Org	0	0	9	0	0	0	1	0	10	2.7
C79	Other Secondary Org	0	0	1	0	0	0	0	0	1	0.3
C81	Hodg.Dis	0	0	0	0	0	0	0	0	0	0.0
C82-C85 & C96	Non-Hodgkins Lymphoma	0	0	5	0	0	0	1	0	6	1.6
C88	Immunopro.Dis	0	0	0	0	0	0	0	0	0	0.0
C90	Myeloma	0	0	0	0	0	0	0	0	0	0.0
C91	Lymphoid Leukemia	0	1	4	0	0	1	0	0	6	1.6
C92-C94	Myeloid Leukemia	0	0	2	0	0	0	0	0	2	0.5
C95	Leukemia Uns	0	0	0	0	0	0	0	0	0	0.0
Other & Unspecified Sites		0	0	3	0	0	0	0	1	4	1.1
All Sites		1	6	342	0	2	1	6	16	374	100.0
%		0.3	1.6	91.4	0.0	0.5	0.3	1.6	4.3	100.0	

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

ICD-10	SITE	Hindu	Muslim	Christian	Neo-	Unk	Total	%
C00	Lip	6	0	0	0	0	6	1.7
C01-C02	Tongue	30	1	1	0	1	33	9.4
C03-C06	Mouth	78	2	1	3	0	84	23.9
C07-C08	Salivary Gland	2	0	0	0	0	2	0.6
C09	Tonsil	2	0	0	0	0	2	0.6
C10	Other Oropharynx	4	0	0	0	0	4	1.1
C11	Nasopharynx	0	0	0	0	0	0	0.0
C12-C13	Hypopharynx	9	1	0	0	0	10	2.8
C14	Pharynx	1	0	0	0	1	2	0.6
C15	Oesophagus	28	1	0	1	1	31	8.8
C16	Stomach	12	0	0	0	1	13	3.7
C17	Small Intestine	1	0	0	0	0	1	0.3
C18	Colon	7	0	0	0	0	7	2.0
C19-C20	Rectum	19	0	0	0	0	19	5.4
C21	Anus	1	0	0	0	0	1	0.3
C22	Liver	2	0	0	0	0	2	0.6
C23-C24	Gall Bladder	5	0	0	0	0	5	1.4
C25	Pancreas	6	0	0	1	0	7	2.0
C26	Oth. Dig.Org	0	0	0	0	0	0	0.0
C30-C31	Nose & Sinuses etc	1	0	0	0	0	1	0.3
C32	Larynx	11	0	0	0	0	11	3.1
C33-C34	Lung	17	1	1	0	0	19	5.4
C37-C38	Other Thoracic Organs	1	0	0	0	0	1	0.3
C40-C41	Bone	2	0	0	0	0	2	0.6
C43	Skin Melanoma	0	0	0	0	0	0	0.0
C44	Other Skin	6	0	0	0	0	6	1.7
C45	Mesothelioma	0	0	0	0	0	0	0.0
C47&C49	soft tissue & pns	6	0	0	0	1	7	2.0
C48	Retroperitoneum	0	0	0	0	0	0	0.0
C50	Breast	1	0	0	0	0	1	0.3
C60	Penis	8	1	0	0	0	9	2.6
C61	Prostate	4	0	0	0	0	4	1.1
C62	Testis	0	0	0	0	0	0	0.0
C63	Oth. Male Gen	0	0	0	0	0	0	0.0
C64	Kidney	6	0	0	0	1	7	2.0
C65	Renal Pevis	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0.0
C67	Urinary Bladder	5	0	0	0	0	5	1.4
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 & Nervous System	3	0	0	0	0	3	0.9
C73	Thyroid	6	0	0	0	0	6	1.7
C74	Adrenal gland	0	0	0	0	0	0	0.0
C75	Oth. Endo.Gland	0	0	0	0	0	0	0.0
C77	Secondary Lymph Nodes	9	0	0	0	1	10	2.8
C78	Secondary Respiratory &	4	0	0	0	1	5	1.4
C79	Other Secondary Org	2	0	0	0	0	2	0.6
C81	Hodgkins Disease	2	0	0	0	0	2	0.6
C82-C85 & C96	Non-Hodgkins Lymphoma	11	0	0	1	0	12	3.4
C88	Immunopro. Dis	0	0	0	0	0	0	0.0
C90	Multiple Myeloma	1	0	0	0	0	1	0.3
C91	Lymphoid Leukemia	5	0	0	1	0	6	1.7
C92-C94	Myeloid Leukemia	2	0	0	0	0	2	0.6
C95	Leukemia Uns	0	0	0	0	0	0	0.0
Other & Unspecified Sites		1	0	0	0	0	1	0.3
All Sites		327	7	3	7	8	352	100.0
%		92.9	2.0	0.9	2.0	2.3	100.0	

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

ICD-10	SITE	Hindu	Muslim	Christian	Neo-Buddhist	Unk	Total	%
C00	Lip	3	0	0	1	0	4	1.1
C01-C02	Tongue	14	1	0	0	1	16	4.3
C03-C06	Mouth	39	1	0	0	1	41	11.0
C07-08	Saliv. Gland	0	0	0	0	0	0	0.0
C09	Tonsil	1	0	0	0	0	1	0.3
C10	Other Oropharynx	2	0	0	0	0	2	0.5
C11	Nasopharynx	0	0	0	0	0	0	0.0
C12-C13	Hypopharynx	3	0	0	0	0	3	0.8
C14	Pharynx	1	0	0	0	0	1	0.3
C15	Oesophagus	14	0	1	0	2	17	4.5
C16	Stomach	4	0	0	0	0	4	1.1
C17	Small Intestine	0	0	0	0	0	0	0.0
C18	Colon	8	0	0	0	0	8	2.1
C19-C20	Rectum	16	0	0	0	0	16	4.3
C21	Anus	1	0	0	0	0	1	0.3
C22	Liver	0	0	0	0	0	0	0.0
C23-C24	Gall Bladder	6	0	0	0	0	6	1.6
C25	Pancreas	2	0	0	0	0	2	0.5
C26	Other Digestive Organs	1	0	0	0	0	1	0.3
C30-C31	Nose & Sinus	0	0	0	0	0	0	0.0
C32	Larynx	4	0	0	0	0	4	1.1
C33-C34	Lung	7	0	0	0	0	7	1.9
C37-C38	Other Thoracic Organs	1	0	0	0	0	1	0.3
C40-C41	Bone	0	0	0	0	0	0	0.0
C43	Skin Melanoma	0	0	0	0	0	0	0.0
C44	Other Skin	2	0	0	0	0	2	0.5
C45	Mesothelioma	0	0	0	0	0	0	0.0
C47&C49	Soft Tissue	2	1	0	0	0	3	0.8
C48	Retroperitoneum	0	0	0	0	0	0	0.0
C50	Breast	117	1	1	1	11	131	35.0
C51	Valva	0	0	0	0	0	0	0.0
C52	Vagina	0	0	0	0	0	0	0.0
C53	Cervix	29	0	2	0	1	32	8.6
C54-C55	Corpus Uteri	3	0	0	0	0	3	0.8
C56	Ovary etc	21	0	0	0	0	21	5.6
C57	Oth.Fem.Gem	0	0	0	0	0	0	0.0
C58	Placenta	0	0	0	0	0	0	0.0
C64	Kidney	0	0	0	0	0	0	0.0
C65	Renal Pelvis	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0.0
C67	Urinary Bladder	1	0	0	0	0	1	0.3
C68	Unspeci.Urin. Org	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	0	0.0
C70-C72	Brain & Nervous System	0	0	0	1	0	1	0.3
C73	Thyroid	6	0	2	1	0	9	2.4
C74	Adrenal Glands	1	0	0	0	0	1	0.3
C75	Oth. Endo. Gland	0	0	0	0	0	0	0.0
C77	Secondary Lymph Nodes	6	0	0	0	0	6	1.6
C78	Secondary Respiratory &	9	0	1	0	0	10	2.7
C79	Other Secondary Org	1	0	0	0	0	1	0.3
C81	Hodg.Dis	0	0	0	0	0	0	0.0
C82-C85 & C96	Non-Hodgkins Lymphoma	6	0	0	0	0	6	1.6
C88	Immunopro.Dis	0	0	0	0	0	0	0.0
C90	Myeloma	0	0	0	0	0	0	0.0
C91	Lymphoid Leukemia	5	1	0	0	0	6	1.6
C92-C94	Myeloid Leukemia	2	0	0	0	0	2	0.5
C95	Leukemia Uns	0	0	0	0	0	0	0.0
Other & Unspecified Sites		3	0	0	0	1	4	1.1
All Sites		341	5	7	4	17	374	100.0
%		91.2	1.3	1.9	1.1	4.5	100.0	

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

ICD-10	SITE	<5 yrs	Illiterate	Literate	Prim	Middle	Second	Technical	College & Abv	Oth	Unk	Total	%
C00	Lip	0	2	2	2	0	0	0	0	0	0	6	1.7
C01-C02	Tongue	0	7	3	9	7	4	0	0	1	2	33	9.4
C03-C06	Mouth	0	16	15	26	13	8	0	3	0	3	84	23.9
C07-C08	Salivary Gland	0	0	0	0	1	0	0	1	0	0	2	0.6
C09	Tonsil	0	1	0	0	1	0	0	0	0	0	2	0.6
C10	Other Oropharynx	0	1	1	0	1	1	0	0	0	0	4	1.1
C11	Nasopharynx	0	0	0	0	0	0	0	0	0	0	0	0.0
C12-C13	Hypopharynx	0	3	0	4	2	1	0	0	0	0	10	2.8
C14	Pharynx	0	0	0	1	0	0	0	0	0	1	2	0.6
C15	Oesophagus	0	5	4	6	8	5	0	2	0	1	31	8.8
C16	Stomach	0	4	1	3	1	3	0	0	0	1	13	3.7
C17	Small Intestine	0	0	0	1	0	0	0	0	0	0	1	0.3
C18	Colon	0	3	0	3	1	0	0	0	0	0	7	2.0
C19-C20	Rectum	0	6	1	2	8	1	0	1	0	0	19	5.4
C21	Anus	0	0	0	1	0	0	0	0	0	0	1	0.3
C22	Liver	0	0	0	0	2	0	0	0	0	0	2	0.6
C23-C24	Gall Bladder	0	1	0	2	0	0	0	2	0	0	5	1.4
C25	Pancreas	0	2	2	0	1	1	0	1	0	0	7	2.0
C26	Oth. Dig.Org	0	0	0	0	0	0	0	0	0	0	0	0.0
C30-C31	Nose & Sinuses etc	0	0	0	0	1	0	0	0	0	0	1	0.3
C32	Larynx	0	3	1	6	1	0	0	0	0	0	11	3.1
C33-C34	Lung	0	4	0	5	4	3	1	1	0	1	19	5.4
C37-C38	Other Thoracic	0	1	0	0	0	0	0	0	0	0	1	0.3
C40-C41	Bone	0	0	0	1	0	1	0	0	0	0	2	0.6
C43	Skin Melanoma	0	0	0	0	0	0	0	0	0	0	0	0.0
C44	Other Skin	0	2	0	3	0	1	0	0	0	0	6	1.7
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0.0
C47&C49	soft tissue & pns	0	0	1	2	0	1	0	2	0	1	7	2.0
C48	Retroperitoneum	0	0	0	0	0	0	0	0	0	0	0	0.0
C50	Breast	0	1	0	0	0	0	0	0	0	0	1	0.3
C60	Penis	0	0	3	1	2	3	0	0	0	0	9	2.6
C61	Prostate	0	0	1	1	0	1	0	1	0	0	4	1.1
C62	Testis	0	0	0	0	0	0	0	0	0	0	0	0.0
C63	Oth. Male Gen	0	0	0	0	0	0	0	0	0	0	0	0.0
C64	Kidney	1	1	0	2	0	1	0	1	0	1	7	2.0
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	Urinary Bladder	0	3	0	0	1	1	0	0	0	0	5	1.4
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 & Nervous	0	0	0	2	0	1	0	0	0	0	3	0.9
C73	Thyroid	0	2	0	1	1	1	0	1	0	0	6	1.7
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	Secondary Lymph	0	6	1	0	1	1	0	0	0	1	10	2.8
C78	Secondary	0	0	1	1	2	1	0	0	0	0	5	1.4
C79	Other Secondary Org	0	0	2	0	0	0	0	0	0	0	2	0.6
C81	Hodgkins Disease	0	0	1	0	0	1	0	0	0	0	2	0.6
C82-C85 & C96	Non-Hodgkins Lymphoma	0	2	1	3	2	0	0	3	0	1	12	3.4
C88	Immunopro. Dis	0	0	0	0	0	0	0	0	0	0	0	0.0
C90	Multiple Myeloma	0	0	0	0	0	0	0	1	0	0	1	0.3
C91	Lymphoid Leukemia	1	0	0	1	1	2	0	1	0	0	6	1.7
C92-C94	Myeloid Leukemia	0	1	0	1	0	0	0	0	0	0	2	0.6
C95	Leukemia Uns	0	0	0	0	0	0	0	0	0	0	0	0.0
Other & Unspecified Sites		0	0	0	0	1	0	0	0	0	0	1	0.3
All Sites		2	77	41	90	63	43	1	21	1	13	352	100.0
%		0.6	21.9	11.6	25.6	17.9	12.2	0.3	6.0	0.3	3.7	100.0	

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

ICD-10	SITE	<5 yrs	Illiterate	Literate	Prim	Middle	Secodary	Technical	College & Abv	Oth	Unk	Total	%
C00	Lip	0	2	2	0	0	0	0	0	0	0	4	1.1
C01-C02	Tongue	0	7	3	2	1	1	1	0	0	1	16	4.3
C03-C06	Mouth	0	17	5	17	0	1	0	0	0	1	41	11.0
C07-08	Saliv. Gland	0	0	0	0	0	0	0	0	0	0	0	0.0
C09	Tonsil	0	1	0	0	0	0	0	0	0	0	1	0.3
C10	Other Oropharynx	0	0	0	0	2	0	0	0	0	0	2	0.5
C11	Nasopharynx	0	0	0	0	0	0	0	0	0	0	0	0.0
C12-C13	Hypopharynx	0	3	0	0	0	0	0	0	0	0	3	0.8
C14	Pharynx	0	0	1	0	0	0	0	0	0	0	1	0.3
C15	Oesophagus	0	4	3	6	0	1	0	0	0	3	17	4.5
C16	Stomach	0	2	2	0	0	0	0	0	0	0	4	1.1
C17	Small Intestine	0	0	0	0	0	0	0	0	0	0	0	0.0
C18	Colon	0	3	3	0	2	0	0	0	0	0	8	2.1
C19-C20	Rectum	0	6	3	4	2	1	0	0	0	0	16	4.3
C21	Anus	0	1	0	0	0	0	0	0	0	0	1	0.3
C22	Liver	0	0	0	0	0	0	0	0	0	0	0	0.0
C23-C24	Gall Bladder	0	3	1	2	0	0	0	0	0	0	6	1.6
C25	Pancreas	0	0	0	1	0	1	0	0	0	0	2	0.5
C26	Oth Dig Organs	0	0	0	0	1	0	0	0	0	0	1	0.3
C30-C31	Nose & Sinus	0	0	0	0	0	0	0	0	0	0	0	0.0
C32	Larynx	0	3	1	0	0	0	0	0	0	0	4	1.1
C33-C34	Lung	0	4	0	2	0	1	0	0	0	0	7	1.9
C37-C38	Oth Thoracic Organs	0	0	0	0	0	0	0	1	0	0	1	0.3
C40-C41	Bone	0	0	0	0	0	0	0	0	0	0	0	0.0
C43	Skin Melanoma	0	0	0	0	0	0	0	0	0	0	0	0.0
C44	Other Skin	0	1	0	1	0	0	0	0	0	0	2	0.5
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0.0
C47&C49	Soft Tissue	0	1	0	2	0	0	0	0	0	0	3	0.8
C48	Retropéritoneum	0	0	0	0	0	0	0	0	0	0	0	0.0
C50	Breast	0	31	23	29	23	10	0	5	0	10	131	35.0
C51	Valva	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
C53	Cervix	0	16	2	7	1	2	0	1	0	3	32	8.6
C54-C55	Corpus Uteri	0	1	0	1	0	1	0	0	0	0	3	0.8
C56	Ovary etc	0	6	1	5	5	1	0	2	0	1	21	5.6
C57	Oth.Fem.Gem	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
C64	Kidney	0	0	0	0	0	0	0	0	0	0	0	0.0
C65	Renal Pelvis	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	Urinary Bladder	0	0	0	0	1	0	0	0	0	0	1	0.3
C68	Unspeci.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 & Nervous	0	1	0	0	0	0	0	0	0	0	1	0.3
C73	Thyroid	0	2	3	1	0	3	0	0	0	0	9	2.4
C74	Adrenal Glands	1	0	0	0	0	0	0	0	0	0	1	0.3
C75	Oth. Endo. Gland	0	0	0	0	0	0	0	0	0	0	0	0.0
C77	Secondary Lymph	0	4	0	1	0	1	0	0	0	0	6	1.6
C78	Sec Resp & Dig Org	0	4	2	2	1	0	0	0	0	1	10	2.7
C79	Other Secondary	0	0	0	1	0	0	0	0	0	0	1	0.3
C81	Hodg.Dis	0	0	0	0	0	0	0	0	0	0	0	0.0
C82-C85,C96	NHL	0	1	1	2	0	2	0	0	0	0	6	1.6
C88	Immunopro.Dis	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
C91	Lymphoid	2	0	0	3	1	0	0	0	0	0	6	1.6
C92-C94	Myeloid Leukemia	0	0	1	1	0	0	0	0	0	0	2	0.5
C95	Leukemia Uns	0	0	0	0	0	0	0	0	0	0	0	0.0
Other & Unspecified Sites		0	2	1	0	0	0	0	0	0	1	4	1.1
All Sites		3	126	58	90	40	26	1	9	0	21	374	100.
%		0.8	33.7	15.5	24.1	10.7	7.0	0.3	2.4	0.0	5.6	100.0	

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

ICD-10	Site	00-04	05-09	10-14	15-19	20-24	25-29	31-34	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	2	2	0	0	1	0	5	2.2
C01-C02	Tongue	0	0	0	0	0	0	0	1	1	4	4	1	3	2	0	1	17	7.6
C03-C06	Mouth	0	0	0	0	0	1	2	4	3	2	8	5	4	3	4	3	39	17.4
C07-C08	Salivary Gland	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	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
C10	Other Oropharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.4
C11	Nasopharynx	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.4
C12-C13	Hypopharynx	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	3	7	3.1
C14	Pharynx	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0.9
C15	Oesophagus	0	0	0	0	0	0	1	0	0	0	3	2	4	1	2	6	19	8.5
C16	Stomach	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	2	5	2.2
C17	Small Intestine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.4
C18	Colon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0.9
C19-C20	Rectum	0	0	0	0	1	1	0	1	0	1	0	5	1	1	1	3	15	6.7
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	0	0	1	1	0	0	0	2	0.9
C23-C24	Gall Bladder	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	1	4	1.8
C25	Pancreas	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	5	2.2
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 etc	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	3	2	1	0	1	0	7	3.1
C33-C34	Lung	0	0	0	0	0	0	0	0	0	2	2	3	1	5	2	3	18	8.0
C37-C38	Other Thoracic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.4
C40-C41	Bone	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C43	Melanoma of Skin	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.4
C44	Other Skin	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	4	1.8
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 & PNS	0	0	1	2	0	0	0	0	0	0	0	0	0	1	0	1	5	2.2
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	0	0	0	0	0	0	1	1	0	0	2	0.9
C60	Penis	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0.9
C61	Prostate	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	6	2.7
C62	Testis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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
C64	Kidney	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0.9
C65	Renal Pelvis	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.4
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	1	0	0	1	1	4	1.8
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 & Nervous	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	4	1.8
C73	Thyroid	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.4
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	Secondary Lymph	0	0	0	0	0	1	0	0	0	1	0	0	1	1	2	2	8	3.6
C78	Secondary	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	6	2.7
C79	Other Secondary	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	0.9
C81	Hodgkins Disease	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0.4
C82-C85 & C96	Non-Hodgkins Lymphoma	0	0	0	0	1	0	0	0	0	0	0	1	4	3	1	2	12	5.4
C88	Immunopro. Dis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C90	Multiple Myeloma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.4
C91	Lymphoid Leukemia	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	3	1.3
C92-C94	Myeloid Leukemia	0	0	1	1	0	0	0	0	1	1	0	1	0	0	0	0	5	2.2
C95	Leukemia Uns	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.4
Other & Unspecified Sites		0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.4
All Sites		1	1	2	3	3	4	6	7	7	15	30	30	27	26	25	37	224	100.0
%		0.4	0.4	0.9	1.3	1.3	1.8	2.7	3.1	3.1	6.7	13.4	13.4	12.1	11.6	11.2	16.5	100	

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

ICD-10	Site	00-	05-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	Total	%
C00	Lip	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	3	1.4
C01-C02	Tongue	0	0	0	0	0	0	0	0	1	2	3	2	0	1	0	0	9	4.2
C03-C06	Mouth	0	0	0	0	0	0	0	0	1	4	3	1	6	9	1	0	25	11.7
C07-08	Saliv. Gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C09	Tonsil	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.5
C10	Other Oropharynx	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	3	1.4
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	0	1	0	0	1	0	0	1	3	1.4
C14	Pharynx	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.5
C15	Oesophagus	0	0	0	0	0	1	0	0	0	2	6	2	2	2	5	2	22	10.3
C16	Stomach	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	5	2.3
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	0	1	0	2	0	1	1	1	6	2.8
C19-C20	Rectum	0	0	0	0	0	0	1	0	0	0	1	0	1	3	1	0	7	3.3
C21	Anus	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.5
C22	Liver	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C23-C24	Gall Bladder	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	1	5	2.3
C25	Pancreas	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2	0.9
C26	Other Digestive Organs	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C30-C31	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	0	0	1	1	0	0	0	2	0.9
C33-C34	Lung	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	3	1.4
C37-C38	Other Thoracic Organs	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	0	0	0	0	0	0	0	0	0	0	0	0	0.0
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	0	0	0	0	0	0	0	0.0
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 & PNS	0	1	0	0	1	0	0	0	0	0	2	0	0	0	0	0	4	1.9
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	1	2	6	8	7	4	6	5	4	3	46	21.6
C51	Valva	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	1	0	0	0	1	0.5
C53	Cervix	0	0	0	0	0	0	0	1	1	2	3	2	4	1	4	0	18	8.5
C54-C55	Corpus Uteri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.5
C56	Ovary etc	0	0	0	0	0	0	0	1	2	1	1	1	3	3	2	0	14	6.6
C57	Oth.Fem.Gem	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	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0.9
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	0	0	0	0	0.0
C68	Unspeci.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 & Nervous System	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	3	1.4
C73	Thyroid	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	0.9
C74	Adrenal Glands	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.5
C75	Oth. Endo. Gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C77	Secondary Lymph Nodes	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	0.9
C78	Sec Respiratory & Digestive	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	1	5	2.3
C79	Other Secondary Org	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	3	1.4
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	Non-Hodgkins Lymphoma	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	3	5	2.3
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	0	0	0	0	0	0	0.0
C91	Lymphoid Leukemia	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	3	1.4
C92-C94	Myeloid Leukemia	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2	0.9
C95	Leukemia Uns	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Other & Unspecified Sites		0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	3	1.4
All Sites		2	1	2	0	2	2	2	4	14	24	32	19	37	32	25	15	213	100.0
%		0.9	0.5	0.9	0.0	0.9	0.9	0.9	1.9	6.6	11.3	15.0	8.9	17.4	15.0	11.7	7.0	100.0	

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

ICD-10	Site	00-04	05-09	10-14	15-19	20-24	25-29	31-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	4.6	0.0	0.0	3.5	0.0	0.6	0.5	1.2
C01-C02	Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.5	6.5	7.9	2.3	8.2	5.7	0.0	3.2	2.0	1.6	4.5
C03-C06	Mouth	0.0	0.0	0.0	0.0	0.0	1.7	3.5	6.4	4.5	3.2	15.7	11.6	10.9	8.6	13.8	9.7	4.7	3.6	8.2
C07-C08	Salivary Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.1	0.1	0.3
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	Other Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.1	0.1	0.0
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	2.7	0.0	0.0	0.0	0.1	0.1	0.4
C12-C13	Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.0	2.3	0.0	2.9	0.0	9.7	0.8	0.6	0.9
C14	Pharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.2	0.2	0.6
C15	Oesophagus	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	5.9	4.6	10.9	2.9	6.9	19.4	2.3	1.6	3.0
C16	Stomach	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	6.5	0.6	0.4	0.6
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	3.5	0.0	0.1	0.1	0.0
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	0.0	3.5	3.2	0.2	0.1	0.0
C19-C20	Rectum	0.0	0.0	0.0	0.0	1.6	1.7	0.0	1.6	0.0	1.6	0.0	11.6	2.7	2.9	3.5	9.7	1.8	1.4	2.5
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	0.0	0.0	2.3	2.7	0.0	0.0	0.0	0.2	0.2	0.6
C23-C24	Gall Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	4.6	0.0	0.0	0.0	3.2	0.5	0.3	0.9
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	2.7	2.9	3.5	3.2	0.6	0.4	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
C30-C31	Nose & Sinuses etc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	5.9	4.6	2.7	0.0	3.5	0.0	0.8	0.7	1.9
C33-C34	Lung	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	3.9	6.9	2.7	14.3	6.9	9.7	2.2	1.5	2.5
C37-C38	Other Thoracic Organs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.1	0.1	0.0
C40-C41	Bone	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C43	Melanoma of Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3
C44	Other Skin	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.0	2.9	3.5	3.2	0.5	0.3	0.0
C45	Mesothelioma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C47&C49	Soft tissue & PNS	0.0	0.0	1.4	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	3.2	0.6	0.5	0.0
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	0.0	0.0	0.0	0.0	0.0	0.0	2.7	2.9	0.0	0.0	0.2	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	0.0	0.0	2.7	2.9	0.0	0.0	0.2	0.2	0.4
C61	Prostate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	2.9	6.9	6.5	0.7	0.5	0.4
C62	Testis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.2	0.4	0.0
C65	Renal Pelvis	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	0.0	0.0	0.0	0.1	0.1	0.3
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	2.0	2.3	0.0	0.0	3.5	3.2	0.5	0.3	0.6
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 & Nervous	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.6	2.0	0.0	0.0	0.0	0.0	3.2	0.5	0.3	0.9
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	2.9	0.0	0.0	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	Secondary Lymph	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	1.6	0.0	0.0	2.7	2.9	6.9	6.5	1.0	0.7	0.7
C78	Sec Resp & Digestive	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	5.7	3.5	6.5	0.7	0.5	0.4
C79	Other Secondary Org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.2	0.2	0.7
C81	Hodgkins Disease	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
C82-C85 & C96	Non-Hodgkins Lymphoma	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	2.3	10.9	8.6	3.5	6.5	1.4	1.1	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	Multiple Myeloma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.1	0.1	0.0
C91	Lymphoid Leukemia	0.0	0.0	0.0	0.0	0.0	1.7	1.7	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.3
C92-C94	Myeloid Leukemia	0.0	0.0	1.4	1.3	0.0	0.0	0.0	0.0	1.5	1.6	0.0	2.3	0.0	0.0	0.0	0.0	0.6	0.5	0.9
C95	Leukemia Uns	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0
Other & Unspecified Sites		0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3
All Sites		2.5	1.9	2.8	4.0	4.7	6.8	10.4	11.1	10.4	24.2	59.0	69.3	73.4	74.4	86.4	119.5	26.9	20.4	36.8

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

ICD-10	SITE	00-	05-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	CR	AAR	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	0.0	2.3	2.2	2.8	0.0	0.4	0.2	0.3
C01-C02	Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	3.3	6.1	4.8	0.0	2.2	0.0	0.0	1.1	0.8	2.5
C03-C06	Mouth	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	6.7	6.1	2.4	13.8	19.4	2.8	0.0	3.0	2.1	4.6
C07-08	Saliv. 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
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	2.2	0.0	0.0	0.1	0.1	0.0
C10	Other Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	2.0	2.4	0.0	0.0	0.0	0.0	0.4	0.3	0.9
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	0.0	1.7	0.0	0.0	2.3	0.0	0.0	2.6	0.4	0.2	0.6
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	2.3	0.0	0.0	0.0	0.1	0.1	0.3
C15	Oesophagus	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	3.3	12.2	4.8	4.6	4.3	13.9	5.1	2.6	1.8	3.8
C16	Stomach	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	2.4	2.3	0.0	2.8	2.6	0.6	0.4	0.9
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	0.0	1.7	0.0	4.8	0.0	2.2	2.8	2.6	0.7	0.5	0.9
C19-C20	Rectum	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	2.0	0.0	2.3	6.5	2.8	0.0	0.8	0.5	0.6
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	2.2	0.0	0.0	0.1	0.1	0.0
C22	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C23-C24	Gall Bladder	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	2.2	5.6	2.6	0.6	0.3	0.3
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	2.8	0.0	0.2	0.2	0.3
C26	Other Digestive Organs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	2.4	2.3	0.0	0.0	0.0	0.2	0.2	0.6
C33-C34	Lung	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	2.8	2.6	0.4	0.2	0.3
C37-C38	Other Thoracic Organs	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C45	Mesothelioma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C47&C49	soft tissue & PNS	0.0	2.1	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.7
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	1.7	3.0	8.7	13.4	14.2	9.5	13.8	10.8	11.1	7.7	5.4	3.9	10.1
C51	Valva	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.1	0.1	0.3
C53	Cervix	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.4	3.3	6.1	4.8	9.2	2.2	11.1	0.0	2.1	1.5	4.0
C54-C55	Corpus Uteri	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.1	0.1	0.0
C56	Ovary etc	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.9	1.7	2.0	2.4	6.9	6.5	5.6	0.0	1.7	1.1	2.7
C57	Oth.Fem.Gem	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.2	0.2	0.6
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	0.0	0.0	0.0	0.0	0.0	0.0
C68	Unspeci.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 & Nervous System	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.4	0.3	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	2.3	0.0	0.0	2.6	0.2	0.1	0.3
C74	Adrenal Glands	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	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	Secondary Lymph Nodes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.4	0.0	0.0	0.0	0.0	0.2	0.2	0.6
C78	Sec Resp & Dig Org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	4.6	0.0	0.0	2.6	0.6	0.4	1.2
C79	Other Secondary Org	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	2.2	0.0	0.0	0.4	0.3	0.3
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 &	Non-Hodgkins Lymphoma	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	7.7	0.6	0.4	0.3
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C91	Lymphoid Leukemia	2.8	0.0	1.5	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6	0.3
C92-C94	Myeloid Leukemia	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	2.2	0.0	0.0	0.2	0.2	0.3
C95	Leukemia Uns	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other & Unspecified Sites		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	2.3	2.2	0.0	0.0	0.4	0.2	0.6
All Sites		5.5	2.1	3.0	0.0	3.3	3.7	3.3	5.9	20.2	40.2	65.1	45.2	84.8	68.9	69.4	38.6	25.1	18.6	40.1

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): Sindhudurg, Year: 2015-16 -Males

ICD-10	SITE	0-64		0-74	
		Cum.Rate	Cum. Risk	Cum.Rate	Cum.Risk
C00	Lip	0.03	0.03	0.08	0.08
C01-C02	Tongue	0.26	0.26	0.36	0.36
C03-C06	Mouth	0.62	0.62	0.81	0.80
C07-C08	Salivary Gland	0.02	0.02	0.02	0.02
C09	Tonsil	0.01	0.01	0.01	0.01
C10	Other Oropharynx	0.02	0.02	0.04	0.04
C11	Nasopharynx	0.00	0.00	0.00	0.00
C12-C13	Hypopharynx	0.05	0.05	0.12	0.12
C14	Pharynx	0.01	0.01	0.01	0.01
C15	Oesophagus	0.22	0.22	0.28	0.28
C16	Stomach	0.05	0.05	0.15	0.15
C17	Small Intestine	0.00	0.00	0.02	0.02
C18	Colon	0.03	0.03	0.04	0.04
C19-C20	Rectum	0.11	0.11	0.21	0.21
C21	Anus	0.01	0.01	0.01	0.01
C22	Liver	0.03	0.03	0.03	0.03
C23-C24	Gall Bladder	0.02	0.02	0.03	0.03
C25	Pancreas	0.03	0.03	0.08	0.08
C26	Oth. Dig.Org	0.00	0.00	0.00	0.00
C30-C31	Nose & Sinuses etc	0.00	0.00	0.00	0.00
C32	Larynx	0.05	0.05	0.10	0.10
C33-C34	Lung	0.11	0.11	0.20	0.20
C37-C38	Other Thoracic Organs	0.00	0.00	0.02	0.02
C40-C41	Bone	0.01	0.01	0.01	0.01
C43	Melanoma of Skin	0.00	0.00	0.00	0.00
C44	Other Skin	0.02	0.02	0.05	0.05
C45	Mesothelioma	0.00	0.00	0.00	0.00
C47&C49	Soft Tissue & PNS	0.03	0.03	0.04	0.04
C48	Retroperitoneum	0.00	0.00	0.00	0.00
C50	Breast	0.00	0.00	0.00	0.00
C60	Penis	0.06	0.06	0.09	0.09
C61	Prostate	0.01	0.01	0.01	0.01
C62	Testis	0.00	0.00	0.00	0.00
C63	Oth. Male Gen	0.00	0.00	0.00	0.00
C64	Kidney	0.05	0.05	0.08	0.08
C65	Renal Pelvis	0.00	0.00	0.00	0.00
C66	Ureter	0.00	0.00	0.00	0.00
C67	Urinary Bladder	0.01	0.01	0.05	0.05
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 & Nervous System	0.02	0.02	0.02	0.02
C73	Thyroid	0.05	0.05	0.07	0.07
C74	Adrenal gland	0.00	0.00	0.00	0.00
C75	Oth. Endo.Gland	0.00	0.00	0.00	0.00
C77	Secondary Lymph Nodes	0.03	0.03	0.11	0.11
C78	Sec Resp & Dig Org	0.00	0.00	0.05	0.05
C79	Oth Sec Org	0.02	0.02	0.02	0.02
C81	Hodgkins Disease	0.02	0.02	0.02	0.02
C82-C85 & C96	Non-Hodgkins Lymphoma	0.06	0.06	0.12	0.12
C88	Immunopro. Dis	0.00	0.00	0.00	0.00
C90	Multiple Myeloma	0.00	0.00	0.02	0.02
C91	Lymphoid Leukemia	0.06	0.06	0.06	0.06
C92-C94	Myeloid Leukemia	0.02	0.02	0.02	0.02
C95	Leukemia Uns	0.00	0.00	0.00	0.00
Other & Unspecified Sites		0.00	0.00	0.02	0.02
All Sites		2.15	2.13	3.47	3.41

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): Sindhudurg, Year: 2015-16-Females

ICD-10	SITE	0-64		0-74	
		Cum.Rate	Cum. Risk	Cum.rate	Cum. Risk
C00	Lip	0.03	0.03	0.05	0.05
C01-C02	Tongue	0.10	0.10	0.16	0.16
C03-C06	Mouth	0.24	0.24	0.38	0.38
C07-08	Saliv. Gland	0.00	0.00	0.00	0.00
C09	Tonsil	0.01	0.01	0.01	0.01
C10	Other Oropharynx	0.02	0.02	0.02	0.02
C11	Nasopharynx	0.00	0.00	0.00	0.00
C12-C13	Hypopharynx	0.02	0.02	0.02	0.02
C14	Pharynx	0.01	0.01	0.01	0.01
C15	Oesophagus	0.11	0.11	0.16	0.16
C16	Stomach	0.01	0.01	0.04	0.04
C17	Small Intestine	0.00	0.00	0.00	0.00
C18	Colon	0.06	0.06	0.08	0.08
C19-C20	Rectum	0.09	0.09	0.15	0.15
C21	Anus	0.00	0.00	0.01	0.01
C22	Liver	0.00	0.00	0.00	0.00
C23-C24	Gall Bladder	0.03	0.03	0.05	0.05
C25	Pancreas	0.02	0.02	0.02	0.02
C26	Other Digestive Organs	0.01	0.01	0.01	0.01
C32	Larynx	0.03	0.03	0.03	0.03
C33-C34	Lung	0.02	0.02	0.07	0.07
C37-C38	Other Thoracic Organs	0.01	0.01	0.01	0.01
C40-C41	Bone	0.00	0.00	0.00	0.00
C43	Skin Melanoma	0.00	0.00	0.00	0.00
C44	Other Skin	0.01	0.01	0.03	0.03
C45	Mesothelioma	0.00	0.00	0.00	0.00
C47&C49	Soft Tissue	0.03	0.03	0.03	0.03
C48	Retroperitoneum	0.00	0.00	0.00	0.00
C50	Breast	1.04	1.03	1.22	1.21
C51	Valva	0.00	0.00	0.00	0.00
C52	Vagina	0.00	0.00	0.00	0.00
C53	Cervix	0.22	0.22	0.34	0.34
C54-C55	Corpus Uteri	0.00	0.00	0.03	0.03
C56	Ovary etc	0.14	0.14	0.20	0.20
C57	Oth.Fem.Gem	0.00	0.00	0.00	0.00
C58	Placenta	0.00	0.00	0.00	0.00
C64	Kidney	0.00	0.00	0.00	0.00
C65	Renal Pelvis	0.00	0.00	0.00	0.00
C66	Ureter	0.00	0.00	0.00	0.00
C67	Urinary Bladder	0.01	0.01	0.01	0.01
C68	Unspeci.Urin. Org	0.00	0.00	0.00	0.00
C69	Eye	0.00	0.00	0.00	0.00
C70-C72	Brain & Nervous System	0.01	0.01	0.01	0.01
C73	Thyroid	0.09	0.09	0.09	0.09
C74	Adrenal Glands	0.01	0.01	0.01	0.01
C75	Oth. Endo. Gland	0.00	0.00	0.00	0.00
C77	Secondary Lymph Nodes	0.03	0.03	0.05	0.05
C78	Secondary Respiratory & Digestive Org	0.08	0.08	0.10	0.10
C79	Other Secondary Org	0.00	0.00	0.01	0.01
C81	Hodg.Dis	0.00	0.00	0.00	0.00
C82-C85 & C96	Non-Hodgkins Lymphoma	0.03	0.03	0.03	0.03
C88	Immunopro.Dis	0.00	0.00	0.00	0.00
C90	Myeloma	0.00	0.00	0.00	0.00
C91	Lymphoid Leukemia	0.05	0.05	0.05	0.05
C92-C94	Myeloid Leukemia	0.01	0.01	0.02	0.02
C95	Leukemia Uns	0.00	0.00	0.00	0.00
Other & Unspecified Sites		0.02	0.02	0.03	0.03
All Sites		2.58	2.55	3.55	3.48

