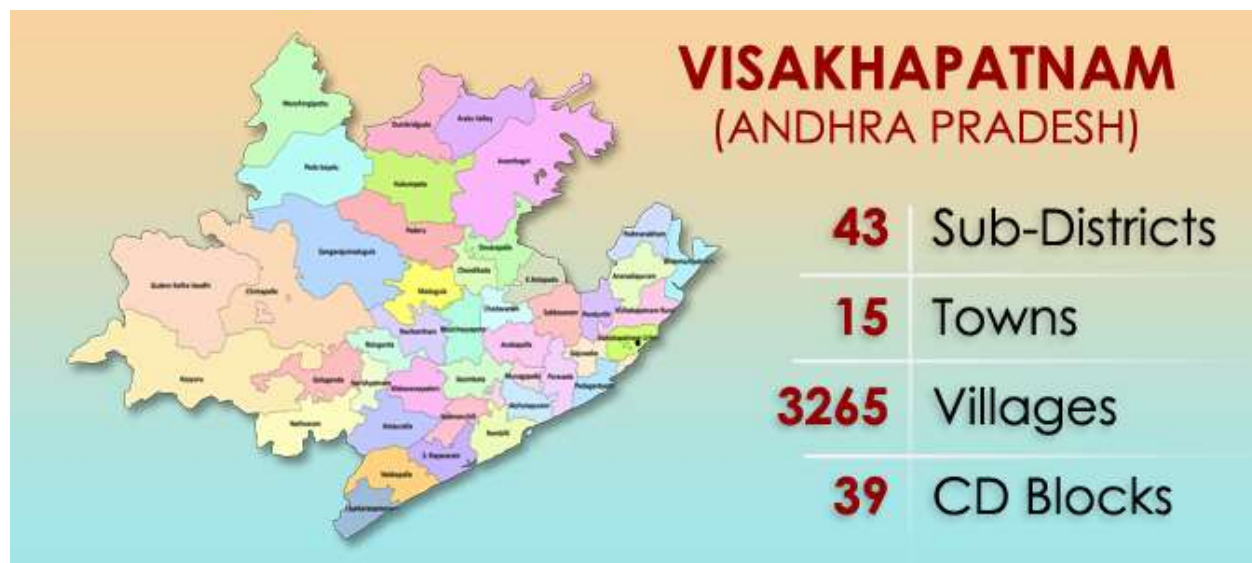


Introduction

The Tata Memorial Centre [TMC] comprising Tata Memorial Hospital [TMH], the Advanced Centre for Treatment, Research and Education in Cancer [ACTREC], Centre for Cancer Epidemiology [CCE], Homi Bhabha Cancer Hospital & Research Centre at Vishakhapatnam, Homi Bhabha Cancer Hospital at Punjab & Homi Bhabha Cancer Hospital at Varanasi 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 concern 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 neoplasm in geographical defined populations.



Visakhapatnam District is one of the nine districts in the Coastal Andhra region of the Indian state of Andhra Pradesh. It is bounded by Odisha in the north, Vizianagaram district in the east, East Godavari district in the south-west and Bay of Bengal in the south.

Visakhapatnam also known as **Vizag**. Visakhapatnam city is the largest city and the financial capital of the Indian state of Andhra Pradesh. The city is the administrative headquarters of Visakhapatnam district and the Eastern Naval Command of the Indian Navy.

According to the 2011 census Visakhapatnam district has a population of 42,90,589. This gives it a ranking of 44th in India (out of a total of 640) and 4th in its state. The district has a population density of 384 inhabitants per square kilometers (990/sq mi) . Its population growth rate over the decade 2001–2011 was 11.89%. Visakhapatnam has a sex ratio of 1003 females for every 1000 males, and a literacy rate of 67.7%.

The estimate of population by 5 year age group for men and women for Rural and Urban Population for the year 2015-16 is computed using exponential growth rate between census populations of 2001 - 2011.

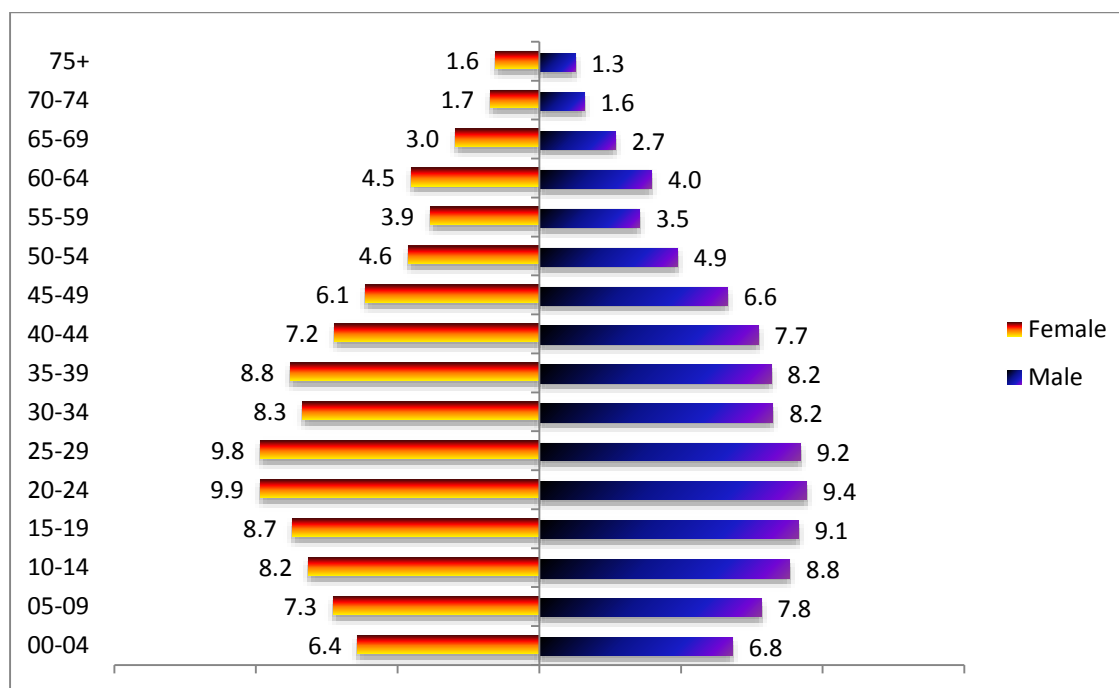
Table 1(a) Estimated Population Distribution of Visakhapatnam for year 2015-16 by Age group and Gender based on 2001 and 2011 Census

Visakhapatnam Population Year: 2015-16						
Age-group	Rural		Urban		Total Population	
	Male	Female	Male	Female	Male	Female
00-04	81990	80316	72514	67809	154504	148125
05-09	95645	93682	81858	74327	177503	168009
10-14	102453	99466	97917	88895	200370	188361
15-19	107306	104240	99947	96819	207253	201059
20-24	107840	106360	105899	121511	213739	227871
25-29	97444	104840	111354	122352	208798	227192
30-34	84021	88131	102947	104720	186968	192851
35-39	83126	93288	102356	109965	185482	203253
40-44	77516	75254	97525	91513	175041	166767
45-49	66898	63611	83579	78275	150477	141886
50-54	47117	49937	63310	56932	110427	106869
55-59	33097	43292	47247	45737	80344	89029
60-64	47703	61742	42232	42717	89935	104459
65-69	34854	40819	25992	27778	60846	68597
70-74	18830	22207	17302	17886	36132	40093
75+	11739	15224	16824	20790	28563	36014
Total	1097579	1142409	1168803	1168026	2266382	2310435

Table 1(b) Percentage distribution of Total population for the year 2015-16

Age-group	Male	Female
00-04	6.8	6.4
05-09	7.8	7.3
10-14	8.8	8.2
15-19	9.1	8.7
20-24	9.4	9.9
25-29	9.2	9.8
30-34	8.2	8.3
35-39	8.2	8.8
40-44	7.7	7.2
45-49	6.6	6.1
50-54	4.9	4.6
55-59	3.5	3.9
60-64	4.0	4.5
65-69	2.7	3.0
70-74	1.6	1.7
75+	1.3	1.6
TOTAL	100.0	100.0

Fig. 1: Percentage Distribution of Population by age and Sex: Visakhapatnam Year: 2015-16



Since registry is expanded its area to cover rural population since 2015. Before this we have published cancer burden from Urban Visakhapatnam in 2014. So this is the first report which shows the cancer burden from Urban as well as Rural Visakhapatnam district.

Below is the methodology being followed for data collection is given.

Registry's Specific Objectives.

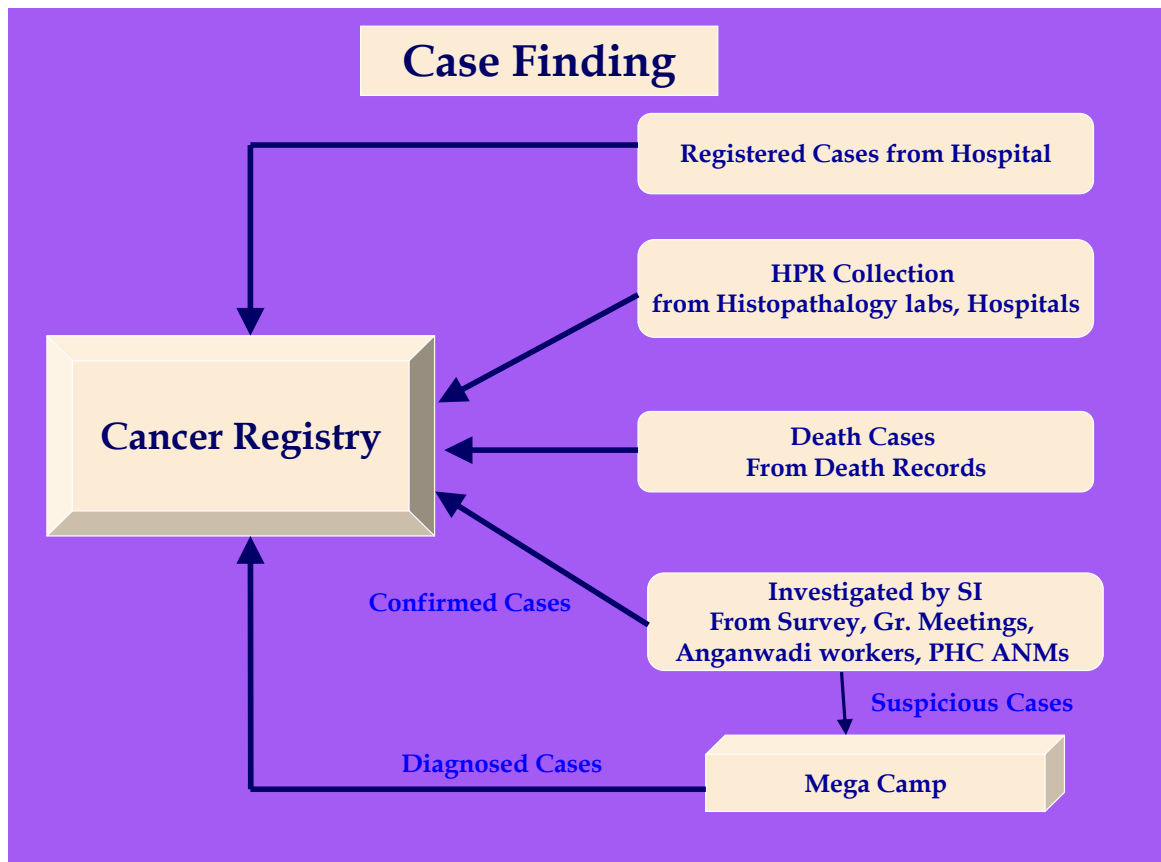
- Generating reliable data on the magnitude and patterns of cancer this would be based on Morbidity and Mortality information according to age, sex and residence of the patient, anatomical site of cancer.
- Undertaking epidemiologic research, such as case control or cohort studies based on observations of registry data.
- Providing data base 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.

Benefits and Outcomes

- Enumeration of disease burden and pattern of care in the area. The project will enable in identifying the disease burden and also the common cancers prevalent in the district of Visakhapatnam.
- 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 is active, which means that the investigators have to visit the various sources to obtain information on diagnosis and treatment. The source 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 Visakhapatnam visited to Tata Memorial Hospital (TMH), Mumbai, for diagnosis and treatment. For such cases, variables such as name, address, diagnosis, clinical variables are matched and information is abstracted accordingly from TMH database for the Visakhapatnam cancer registry.

Cancer Registry Core Performa: Special form is designed and tested for Visakhapatnam 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 Visakhapatnam District. Thus registry started functioning formally in 2014. Although, the travelling expenses were a little higher than what we expect 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 TMH staff to understand the medical terminologies, ways to approach various sources and patients to collect the information etc.

TMH staff members also periodically visit the Registry office to monitor the cancer registry activities.

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 Visakhapatnam cancer registry are based on the following criteria.

Inclusion:-

- Only malignant cases

- Resident of Visakhapatnam District for at least one year before diagnosis.

Exclusion:-

- All suspicious and Non-cancer cases.

- Those who are non-resident of Visakhapatnam 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 behaviour code, which indicates whether a tumor is malignant, benign, in-situ or uncertain whether malignant or benign. All the tumors which are benign (code '0'), uncertain (code '1') and in-situ (code '2') are not included for analysis.

Quality Checks

A) Duplicate Checks: -

We are checking duplicates by comparing various fields like name, address, sex, age and site. There are two methods to find out the duplicates

- 1) Manual method by using the index card
- 2) Electronic method through the software

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

2) *Electronic Method:* - Whenever a new case is added into the software system, it generates a unique registration number for each case. The moment we enter the name of the patient, the software immediately checks all the records matching with the same name and displays the registration number, name, age and site of the matching records in the grid. So user can check

the duplicates at the entry level also. This is another electronic method to take out the duplicates from the database.

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

B) Residence Confirmation:-

Since the registry data is dependent on geographical boundaries of any specified population, residence confirmation is required in the PBCR. We do the residence confirmation either by doing the house visits on given address or through the telephone if number is 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 Visakhapatnam district.

Table 1(c): Incident Cancer Cases by Primary Sources of Registration with Percentage: Visakhapatnam- 2015-16

Source	Nos.	%
Chaitanya Medical Centre	1255	30.8
Mahatma Gandhi Hospital	610	15.0
KGH Hospital	538	13.2
Vijaya Medical Centre	406	10.0
NRI Hospital	253	6.2
Homi Bhabha Cancer Hospital	229	5.6
Laxmi Diagnostic Center	50	1.2
Basavatarakam Indo American Cancer Hospital	36	0.9
Surya Global Hospital	30	0.7
CARE Hospital	27	0.7
Anil Neerukonda Hospital	21	0.5
Port Hospital	20	0.5
Medall Diagnostics	18	0.4
Apollo Hospital	17	0.4
INDUS Hospital	16	0.4
Seven Hills Hospital	15	0.4
Lions Cancer Hospital	14	0.3
Manipal Hospital	11	0.3
Aikya Labs	10	0.2
Dolphin Diagnostic Services	10	0.2
Pinnacle Hospital	10	0.2
SRL Diagnostics	10	0.2
Others	468	11.5
Total	4074	100

Incidence rate:

All New cases of cancer diagnosed in a define population during a given period of time are defined as 'incident cases'. Thus all new cancer case diagnosed in the defined area of Visakhapatnam for the year 2015-16 (1st January 2015 to 31st December 2016) formed the incident cases.

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

Definition:-

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

$$\text{a) Crude Incidence Rate} = \frac{\text{No. of new cases of disease} * 100,000}{\text{Population at Risk}}$$

$$\text{b) Age Specific Incidence Rate} = \frac{\text{No. of new cases of disease in a specific age group} * 100,000}{\text{Population at Risk in a specific age group}}$$

$$\text{Age Standardized Rate} = \frac{\sum \text{ASpR} * \text{No. of persons in std. world population}}{100,000}$$

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:-

Total Cancer Cases diagnosed from Visakhapatnam District for the year 2015 & 2016 are 4074, which are classified on their residence status as Urban and Rural. Out of 4074 cases 2030 cases are reported from urban population, in which 834 males and 1196 females are diagnosed with cancer. Similarly, 2044 cases are reported from rural population in which 739 males and 1305 females are diagnosed with cancer. In both this population group, there is a female predominance in the cancer cases

Table 1(d) Distribution of cancer cases based on Residence status.

Residence Status	Male	Female	Total
Urban	834	1196	2030
Rural	739	1305	2044
Total	1573	2501	4074

Table 2(a) Crude Incidence Rate (CR) and Age standardized Incidence Rate (ASR) per 100,000 for all cancer sites, by Gender and Residence Status: Visakhapatnam District , 2015-16

Residence Status	Male		Female	
	CR	ASR	CR	ASR
Urban	35.7	37.5	51.2	50.2
Rural	33.7	35.3	57.1	55.0
All Cases	34.7	36.0	54.1	51.8

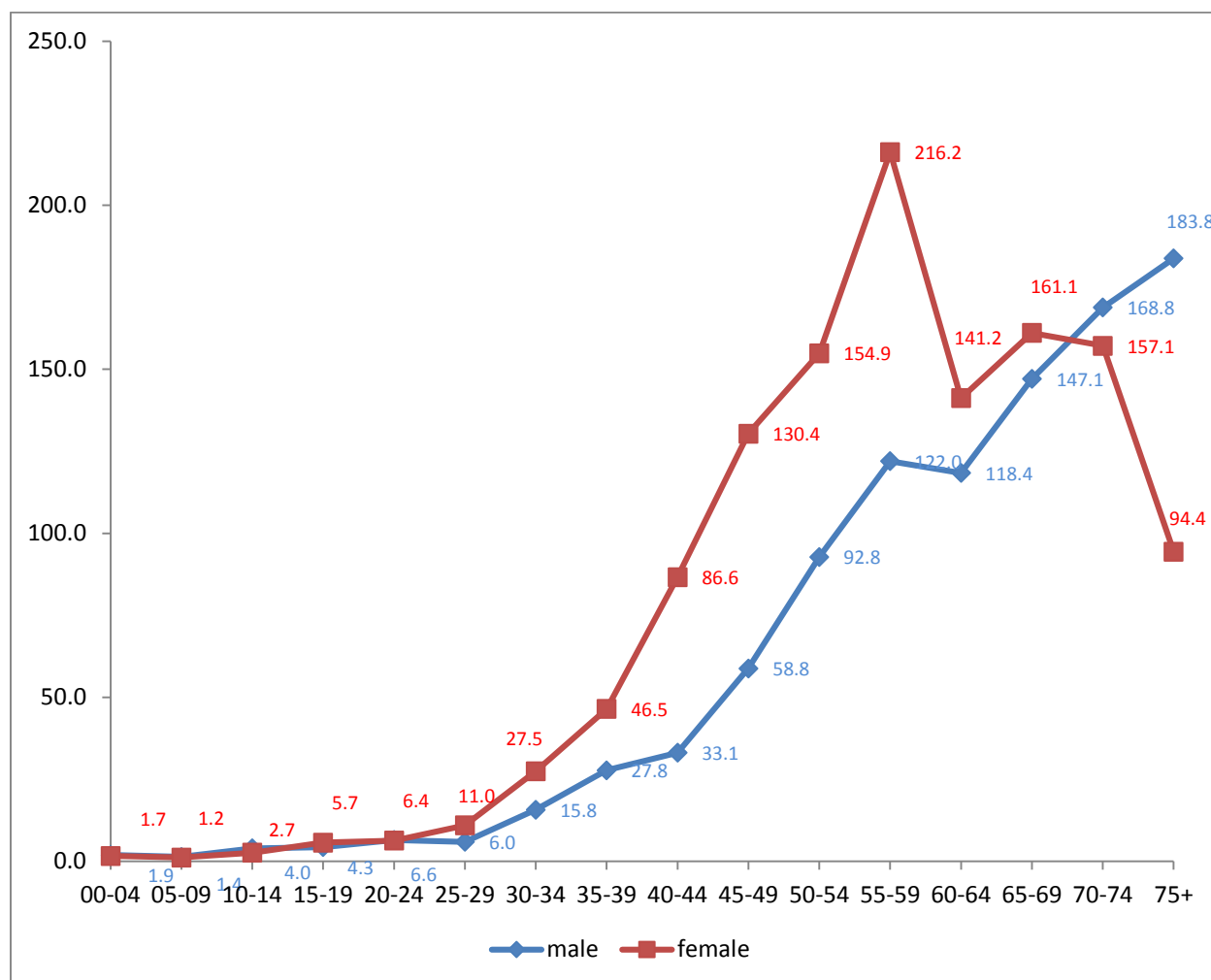
Table 2(b): Distribution of the cancer cases and age specific incidence rate (ASR) per 100,000 for all cancer sites, by Gender: Visakhapatnam District, 2015-16

Age-group	Male		Female	
	Nos.	ASR	Nos.	ASR
00-04	6	1.9	5	1.7
05-09	5	1.4	4	1.2
10-14	16	4.0	10	2.7
15-19	18	4.3	23	5.7
20-24	28	6.6	29	6.4
25-29	25	6.0	50	11.0
30-34	59	15.8	106	27.5
35-39	103	27.8	189	46.5
40-44	116	33.1	289	86.6
45-49	177	58.8	370	130.4
50-54	205	92.8	331	154.9
55-59	196	122.0	385	216.2
60-64	213	118.4	295	141.2
65-69	179	147.1	221	161.1
70-74	122	168.8	126	157.1
75+	105	183.8	68	94.4
All Ages	1573	34.7	2501	54.1

Figure-2 depicts the cancer age specific incidence rates for both male and female, where it is found that rate of cancer incidence sharply increased with age. The Age specific rate (ASR) is higher in females as compared to males in almost all the age group from 25 to 69 age group and 70 onwards it is higher in Males. While, the incidences curve for men and women intersect at the

age 65 to 69 years, the higher cancer ASR among older male may be because of higher incidence of tobacco related cancers such as Stomach, Lung and Mouth cancers.

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



System-wise Distribution of Cancer cases:-

The proportion of the Genito Urinary Organs (*i.e.* 26.7%), head and neck (*i.e.* 20.0%), Gastro-intestinal (*i.e.* 19.0%) and Breast (*i.e.* 13.9%) cancer cases contributed more for both sexes together than any other cancer in Visakhapatnam District (Table-3). The Head & Neck site is most common cancer among males, which alone contributed 31.8% followed by 29.5% of Gastrointestinal and 9.0% of Lung cancer. However, among females, Genito Urinary cancers contributed to 38.3% followed by 22.4% of Breast and 12.5% of Head & Neck cancers.

**Table 3: System-wise distribution of cancer cases by sex: Visakhapatnam-District,
Year: 2015-16.**

System	Male		Female		Total	
	Nos.	%	Nos.	%	Nos.	%
Head & Neck	500	31.8	313	12.5	813	20.0
Breast	5	0.3	560	22.4	565	13.9
Lung	142	9.0	65	2.6	207	5.1
Other Thoracic Organs	0	0.0	2	0.1	2	0.0
Gastro-intestinal	464	29.5	311	12.4	775	19.0
Retroperitoneum	5	0.3	4	0.2	9	0.2
Peripheral Nerves & Soft Tiss. & PNS	28	1.8	28	1.1	56	1.4
Bone	20	1.3	8	0.3	28	0.7
Genito Urinary Organs	129	8.2	957	38.3	1086	26.7
Melanoma of Skin	5	0.3	2	0.1	7	0.2
Other Skin	18	1.1	14	0.6	32	0.8
Eye	1	0.1	1	0.0	2	0.0
Brain & Nervous System	21	1.3	15	0.6	36	0.9
Endocrine Glands	33	2.1	63	2.5	96	2.4
Secondary Lymph Nodes	37	2.4	33	1.3	70	1.7
Secondary Respiratory & Digestive Org	11	0.7	7	0.3	18	0.4
Other Secondary Org	8	0.5	5	0.2	13	0.3
Other & Unspecified Sites	12	0.8	10	0.4	22	0.5
Haematopoietic Cancers	134	8.5	103	4.1	237	5.8
Total	1573	100.0	2501	100.0	4074	100.0

Leading Sites of Cancer

Table 4a: shows the top ten leading sites of cancer among male in Visakhapatnam Urban, Rural and both the population together for the year 2015-16. In all these, stomach cancer is leading site of cancer. In Total and Urban population Lung is the 2nd leading site followed by Mouth and Tongue; whereas in Rural population Tongue is the 2nd leading site followed by Mouth and Lung.

Table 4(a): Comparison of Crude Rate (CR), Age Standardized Rate (ASR) Per 100,000 of Leading Sites in Total, Urban & Rural population in Visakhapatnam Year: 2015-16 Male

Visakhapatnam Total (Urban+ Rural) Population				Visakhapatnam Urban Population				Visakhapatnam Rural Population			
Site	Nos.	CR	ASR	Site	Nos.	CR	ASR	Site	Nos.	CR	ASR
Stomach	193	4.3	4.5	Stomach	95	4.1	4.4	Stomach	98	4.5	4.8
Lung	142	3.1	3.3	Lung	91	3.9	4.2	Tongue	69	3.1	3.0
Mouth	141	3.1	3.2	Mouth	82	3.5	3.4	Mouth	59	2.7	2.8
Tongue	138	3.0	2.8	Tongue	69	3.0	2.7	Lung	51	2.3	2.5
Hypopharynx	69	1.5	1.6	Colon	39	1.7	1.7	Hypopharynx	34	1.5	1.6
Larynx	66	1.5	1.6	Larynx	36	1.5	1.7	Larynx	30	1.4	1.4
Colon	62	1.4	1.4	Hypopharynx	35	1.5	1.6	Oesophagus	27	1.2	1.4
Oesophagus	59	1.3	1.4	Oesophagus	32	1.4	1.5	Penis	27	1.2	1.4
Rectum	58	1.3	1.4	Rectum	32	1.4	1.5	Rectum	26	1.2	1.3
Penis	45	1.0	1.0	NHL	28	1.2	1.3	Colon	23	1.0	1.1
All Sites	1573	34.7	36.0	All Sites	834	35.7	37.5	All Sites	739	33.7	35.3

Table 4b: shows the top ten leading sites of cancer among female in Visakhapatnam Urban, Rural and both the population together for the year 2015-16. In total Population and Rural Population Cervix is the leading site of cancer followed by Breast Cancer whereas In Urban Population Breast is the leading site of cancer followed by Cervix cancer.

Table 4(b): Comparison of Crude Rate (CR), Age Standardized Rate (ASR) Per 100,000 of Leading Sites in Total, Urban & Rural population in Visakhapatnam Year: 2015-16 Female

Visakhapatnam Total (Urban+ Rural) Population				Visakhapatnam Urban Population				Visakhapatnam Rural Population			
Site	Nos.	CR	ASR	Site	Nos.	CR	ASR	Site	Nos.	CR	ASR
Cervix	699	15.1	14.4	Breast	328	14.0	13.7	Cervix	464	20.3	19.7
Breast	560	12.1	11.5	Cervix	235	10.1	9.8	Breast	232	10.2	9.6
Ovary etc	142	3.1	2.9	Ovary etc	73	3.1	3.0	Mouth	90	3.9	4.0
Mouth	137	3.0	3.0	Stomach	54	2.3	2.2	Ovary etc	69	3.0	2.9
Stomach	114	2.5	2.4	Mouth	47	2.0	2.1	Stomach	60	2.6	2.5
Hypopharynx	71	1.5	1.4	Lung	41	1.8	1.7	Hypopharynx	41	1.8	1.7
Oesophagus	66	1.4	1.3	Thyroid	32	1.4	1.2	Oesophagus	38	1.7	1.5
Lung	65	1.4	1.4	Hypopharynx	30	1.3	1.1	Thyroid	30	1.3	1.2
Thyroid	62	1.3	1.2	Corpus Uteri	30	1.3	1.4	Lung	24	1.1	1.0
Corpus Uteri	42	0.9	0.9	Oesophagus	28	1.2	1.1	Vagina	19	0.8	0.8
All Sites	2501	54.1	51.8	All Sites	1196	51.2	50.2	All Sites	1305	57.1	55.0

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

Table 5(a): Comparison of Age Standardised Incidence Rate (ASRs) with other National and International Registries: Visakhapatnam District Year:2015-16 Males

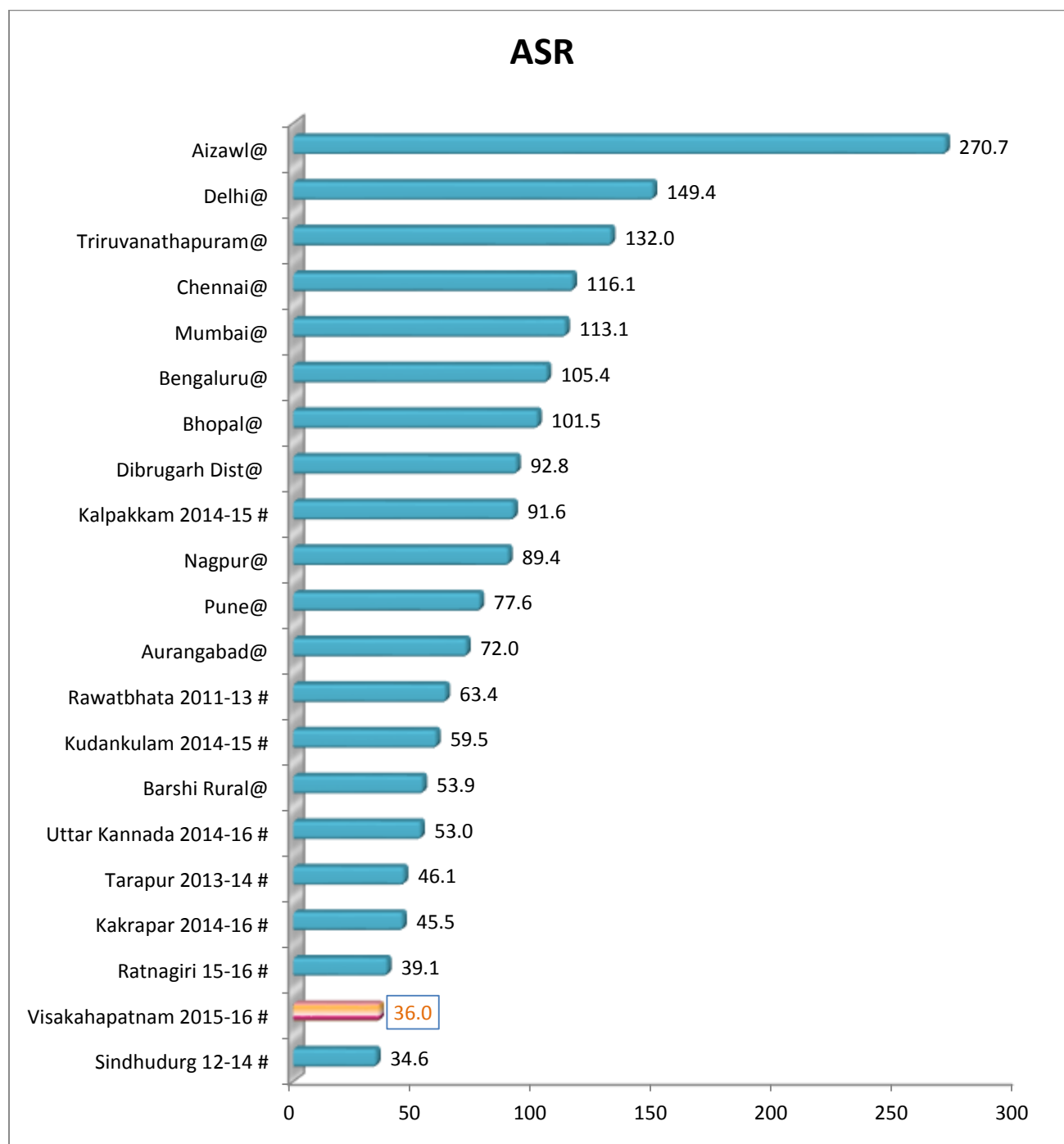
National Cancer Registries	
Registries[#]	ASR
Sindhudurg 12-14 [#]	34.6
Visakahapatnam 2015-16 [#]	36.0
Ratnagiri 15-16 [#]	39.1
Kakrapar 2014-16 [#]	45.5
Tarapur 2013-14 [#]	46.1
Uttar Kannada 2014-16 [#]	53.0
Barshi Rural [@]	53.9
Kudankulam 2014-15 [#]	59.5
Rawatbhata 2011-13 [#]	63.4
Aurangabad [@]	72.0
Pune [@]	77.6
Nagpur [@]	89.4
Kalpakkam 2014-15 [#]	91.6
Dibrugarh Dist [@]	92.8
Bhopal [@]	101.5
Bengaluru [@]	105.4
Mumbai [@]	113.1
Chennai [@]	116.1
Triruvanathapuram [@]	132.0
Delhi [@]	149.4
Aizawl [@]	270.7
International Cancer Registries[§]	
China Shanghai	204.8
Japan Osaka	224.3
Finland	354.6
UK England (oxford)	383.7
USA Connecticut: White	427.2
France Haut-Rhin	504.9

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

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

[§]Cancer Incidence in Five Continents Volume (CI5), IARC, www.ci5.iarc.fr

**Figure 3(a): Comparison of Age Standardized Incidence Rate (ASRs) with other Registries:
Visakhapatnam District 2015-16 Males**



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

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

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

Table 5(a): Comparison of Age Standardized Incidence Rate (ASRs) with other National and International Registries: Visakhapatnam District Year: 2015-16 Female

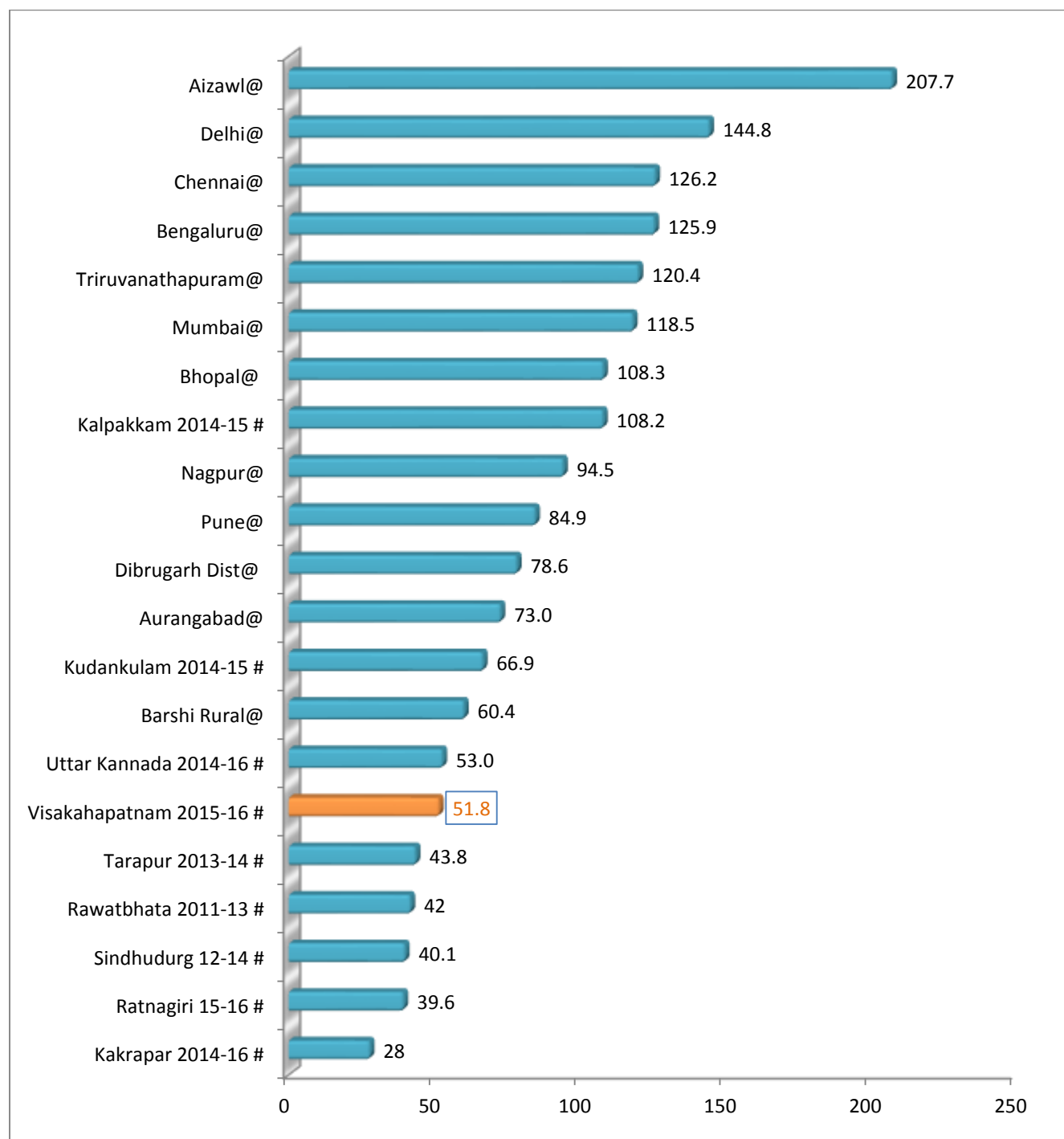
National Cancer Registries	
Registries[#]	ASR
Kakrapar 2014-16 [#]	28.0
Ratnagiri 15-16 [#]	39.6
Sindhudurg 12-14 [#]	40.1
Rawatbhata 2011-13 [#]	42.0
Tarapur 2013-14 [#]	43.8
Visakhapatnam 2015-16[#]	51.8
Uttar Kannada 2014-16 [#]	53.0
Barshi Rural [@]	60.4
Kudankulam 2014-15 [#]	66.9
Aurangabad [@]	73.0
Dibrugarh Dist [@]	78.6
Pune [@]	84.9
Nagpur [@]	94.5
Kalpakkam 2014-15 [#]	108.2
Bhopal [@]	108.3
Mumbai [@]	118.5
Triruvanathapuram [@]	120.4
Bengaluru [@]	125.9
Chennai [@]	126.2
Delhi [@]	144.8
Aizawl [@]	207.7
International Cancer Registries[§]	
Japan Osaka	158.8
China Shanghai	179.1
Finland	281.9
USA Connecticut: White	317.8
France Haut-Rhin	325.5
UK England (oxford)	327.7

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

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

[§]Cancer Incidence in Five Continents Volume (CI5), IARC, www.ci5.iarc.fr

**Figure 3(b): Comparison of Age Standardized Incidence Rate (ASRs) with other Registries:
Visakhapatnam 2015-16 Females**

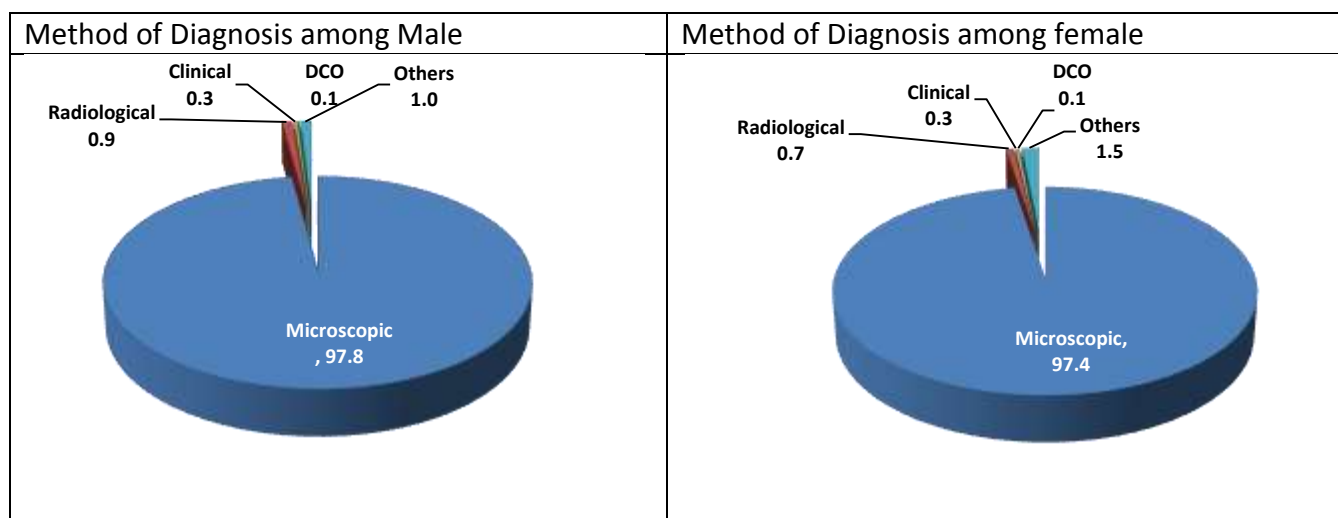


Source: @NCRP: Consolidate Report of Population Based Cancer Registries, 2012-14, ICMR, 2016

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

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

Method Of Diagnosis	Male		Female		Total	
	Nos.	%	Nos.	%	Nos.	%
Microscopic	1539	97.8	2436	97.4	3975	97.6
Radiological	14	0.9	18	0.7	32	0.8
Clinical	4	0.3	7	0.3	11	0.3
DCO	1	0.1	2	0.1	3	0.1
Others	15	1.0	38	1.5	53	1.3
Grand Total	1573	100.0	2501	100.0	4074	100.0



PEDIATRIC CANCERS (Age 0-14 yrs)

The types of Cancer that develop in children are very different from the types that develop in adults. The most common cancers of children are Leukemia, Lymphoma, Brain & other nervous system tumors, bone cancers, Soft Tiss. & PNS 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. From table 7(a), it is found that there are 46 pediatric cancers.

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

Site	Male		Female		Total	
	Nos.	%	Nos.	%	Nos.	%
Bone	6	22.2	3	15.8	9	19.6
Brain & Nervous	4	14.8	2	10.5	6	13.0
Kidney	0	0.0	1	5.3	1	2.2
Soft Tiss. & PNS	1	3.7	1	5.3	2	4.3
Hodgkins Disease	2	7.4	0	0.0	2	4.3
Non-Hodgkins	1	3.7	2	10.5	3	6.5
Lymphoid Leukemia	7	25.9	6	31.6	13	28.3
Myeloid Leukemia	2	7.4	2	10.5	4	8.7
Leukemia Uns	2	7.4	0	0.0	2	4.3
Others	2	7.4	2	10.5	4	8.7
Total Pediatric Cases	27	100.0	19	100.0	46	100.0

GERIATRIC CANCERS (Age 60+ yrs)

Table 7(b): Shows the distribution of geriatric cancers, where we found 619 Male and 710 female cancers from Visakhapatnam District. In males, Stomach cancer is the leading site followed by Lung and Mouth whereas in females, Cervix cancer is the leading site followed by Breast and Mouth Cancers.

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

Male		
Site	Nos.	%
Stomach	81	13.1
Lung	67	10.8
Mouth	52	8.4
Larynx	35	5.7
Tongue	33	5.3
All Geriatric Cases	619	100.0

Female		
Site	Nos.	%
Cervix	193	27.2
Breast	135	19.0
Mouth	61	8.6
Stomach	36	5.1
Ovary etc	33	4.6
All Geriatric cases	710	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 in India. But, these are preventable cancer and can be prevented through education and public awareness programs at various levels of the population. According to IARC Monograph, the following are the sites which are related to the tobacco cancers.

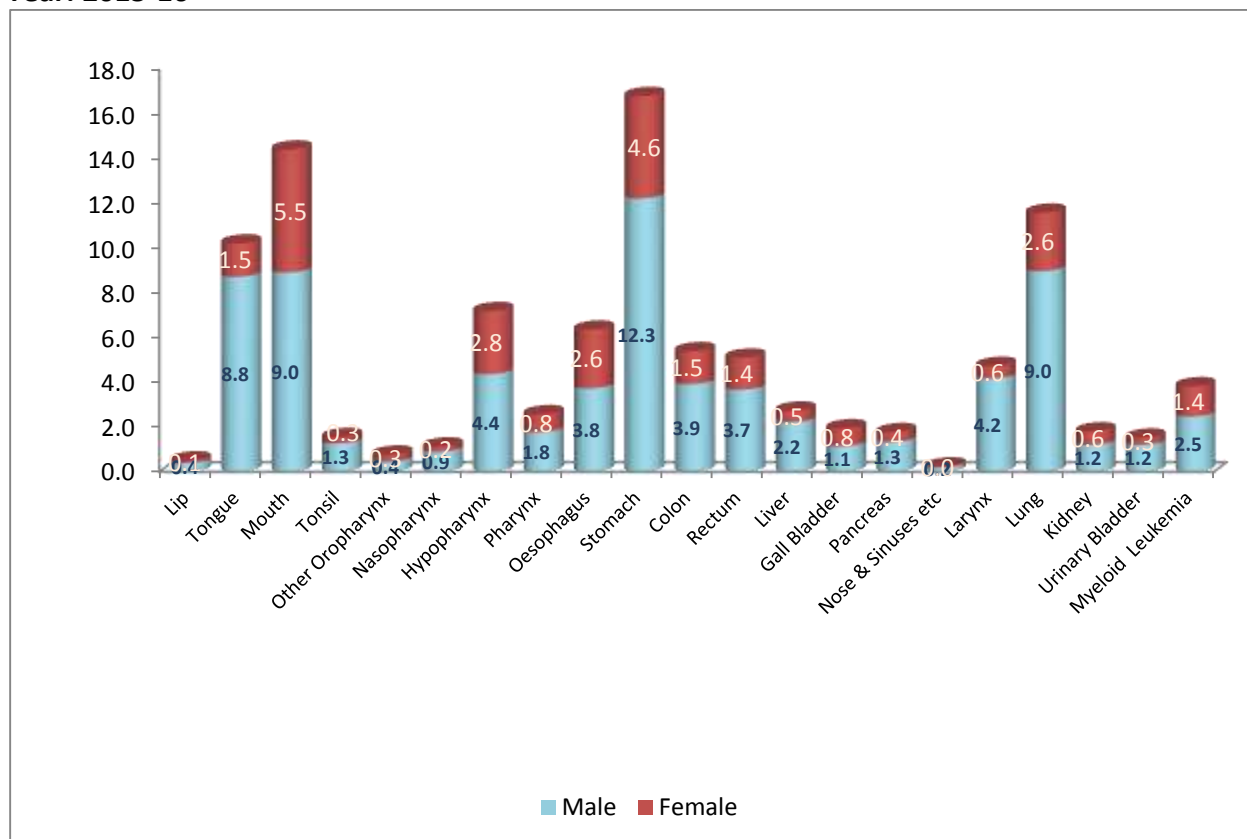
Table 8 shows that 46% of cases shows tobacco related cancers irrespective of tobacco usage.

This percentage varies by gender. In male it is 73.6% where as in female it is 28.9%

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

ICD-10	SITE	Male	%	Female	%	Total	%
C00	Lip	6	0.4	3	0.1	9	0.2
C01-C02	Tongue	138	8.8	37	1.5	175	4.3
C03-C06	Mouth	141	9.0	137	5.5	278	6.8
C09	Tonsil	20	1.3	7	0.3	27	0.7
C10	Other Oropharynx	7	0.4	8	0.3	15	0.4
C11	Nasopharynx	14	0.9	6	0.2	20	0.5
C12-C13	Hypopharynx	69	4.4	71	2.8	140	3.4
C14	Pharynx	28	1.8	20	0.8	48	1.2
C15	Oesophagus	59	3.8	66	2.6	125	3.1
C16	Stomach	193	12.3	114	4.6	307	7.5
C18	Colon	62	3.9	37	1.5	99	2.4
C19-C20	Rectum	58	3.7	36	1.4	94	2.3
C22	Liver	35	2.2	13	0.5	48	1.2
C23-C24	Gall Bladder	18	1.1	20	0.8	38	0.9
C25	Pancreas	21	1.3	11	0.4	32	0.8
C30-C31	Nose & Sinuses etc	3	0.2	1	0.0	4	0.1
C32	Larynx	66	4.2	14	0.6	80	2.0
C33-C34	Lung	142	9.0	65	2.6	207	5.1
C64	Kidney	19	1.2	15	0.6	34	0.8
C67	Urinary Bladder	19	1.2	8	0.3	27	0.7
C92-C94	Myeloid Leukemia	39	2.5	34	1.4	73	1.8
Total TRC		1157	73.6	723	28.9	1880	46.1
Other Cancers		416	26.4	1778	71.1	2194	53.9
Total Cancers		1573	100.0	2501	100.0	4074	100.0

**Figure 4: Proportion (%) of Tobacco Related Cancer Cases by Gender: Visakhapatnam :
Year: 2015-16**



MORTALITY

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

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

Gradually, the role of mortality studies has diminished with the establishment of population based cancer registries in various countries throughout the world and the availability of adequate morbidity data. The value of mortality data has also decreased with the increasing use of epidemiological field studies undertaken to test specific etiologic hypotheses, developed as a result of analysis of mortality statistics.

It is important to obtain mortality data on cancer patients, though it is difficult. As death registration is not mandatory In India, it is quite difficult to obtain these cases. At our registry, mortality data has been obtained from the death records maintained by the Grampanchyat Office and also during the house visits of the patients.

Table 9: displays the mortality rates for males and females by age groups. It is seen that Age Specific Mortality rates are associated with age, and higher in older age for both sexes.

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

Age-group	Male	Female
00-04	0.3	0.3
05-09	0.0	0.3
10-14	1.7	0.8
15-19	1.9	1.5
20-24	1.6	1.8
25-29	2.2	1.8
30-34	7.0	6.5
35-39	10.5	11.8
40-44	14.0	21.9
45-49	26.6	38.4
50-54	48.9	50.5
55-59	70.9	61.2
60-64	55.6	46.4
65-69	79.7	56.9
70-74	87.2	66.1
75+	98.0	36.1
All Ages	16.9	16.3

Figure5: Annual age specific mortality rates per 100,000 Population for all sites by Age group and Gender: Visakhapatnam Year:2015-16

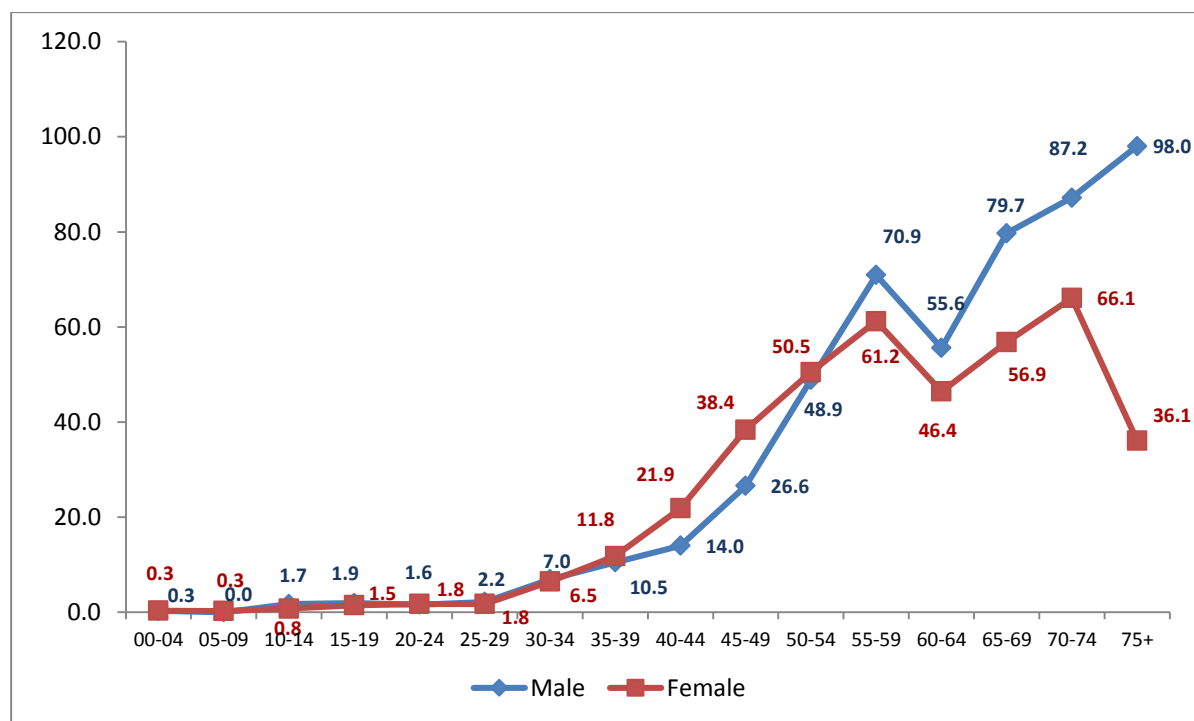


Table 10(a): shows top five leading sites of male cancer (death rates per 100,000) in Vishakhapatnam district during year 2015-16. Among male, Stomach cancer shows highest mortality rate followed by Lung and Mouth.

Table 10(a): Leading Cancer Sites- Crude (CR) and Age Standardized Death Rate per 100,000 Population): Visakhapatnam District Year: 2015-16 Male

Site	No. of Cases	CR Per 10 ^5	ASR Per 10^5
Stomach	107	2.4	2.5
Lung	98	2.2	2.3
Mouth	57	1.3	1.3
Tongue	56	1.2	1.2
Hypopharynx	42	0.9	1.0
All Cases	764	16.9	17.8

Table 10(b): shows top five leading sites of female cancer (death rates per 100,000) in Vishakhapatnam district during year 2015-16. Among female, Cervix cancer shows highest mortality rate followed by Breast and Stomach.

Table 10(b): Leading Cancer Sites- Crude (CR) and Age Standardized Death Rate per 100,000 Population): Visakhapatnam District Year: 2015-16 Female

Site	No. of cases	CR Per 10 ^5	ASR Per 10^5
Cervix	168	3.6	3.5
Breast	108	2.3	2.2
Stomach	65	1.4	1.4
Mouth	45	1.0	1.0
Lung	43	0.9	0.9
All Cases	753	16.3	15.9

Mortality-Incidence Ratio (M/I Ratio)

The mortality Incident Ratio (MI) is a most important indicator to measure the completeness and accuracy of cancer mortality data. The Mortality-Incidence Ratio (M/I %) for male in Visakhapatname District is 49.4% and for female 30.7% where as we found that M/I ratio in Barshi Rural (2012-2014) for males, is 68.9% and females 66.3% and M/I % Ratio for male in Mumbai (2012-2014) is 69.6%, while for female it is 57.9%.

	Incidence Rate	Mortality Rate	M/I Ratio
Male	36.0	17.8	49.4
Female	51.8	15.9	30.7

Summary

One of the major observation is that female cancer rate is much higher than male cancer rates. Among males, Stomach Cancer is observed to be the leading site of cancer followed by Lung, Mouth and Tongue which are tobacco related sites.

And among females, Cervix cancer is the leading site of cancer followed by Breast in Rural as well as Total Population whereas in Urban Breast is the leading site of cancer followed by Cervix.

Appendix

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- 1(c): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
Visakhapatnam Rural, Year: 2015-16- Males
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Visakhapatnam Rural, Year: 2015-16 –Females
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**Table 1(a): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
Visakhapatnam District 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+	Total	%
C00	Lip	0	0	0	0	0	0	0	0	1	1	0	2	0	2	0	0	6	0.4
C01-C02	Tongue	0	0	0	0	0	3	14	26	24	16	13	9	11	10	7	5	138	8.8
C03-C06	Mouth	0	0	0	0	1	2	7	15	20	22	8	14	11	14	14	1	141	9.0
C07-C08	Salivary	0	0	0	0	1	0	0	0	2	2	1	0	0	1	1	0	8	0.5
C09	Tonsil	0	0	0	0	0	0	1	0	0	2	4	3	4	2	2	2	20	1.3
C10	Oth	0	0	0	0	0	0	0	0	1	1	0	2	0	2	1	0	7	0.4
C11	Nasopharynx	0	0	0	1	0	0	0	3	0	2	2	2	1	2	0	1	14	0.9
C12-C13	Hypopharynx	0	0	0	0	0	0	3	5	6	8	9	12	7	7	7	5	69	4.4
C14	Pharynx	0	0	0	0	0	0	0	1	0	2	4	6	7	4	1	3	28	1.8
C15	Oesophagus	0	0	0	0	0	1	0	0	4	2	11	9	15	9	3	5	59	3.8
C16	Stomach	0	0	0	1	1	2	4	9	10	22	31	32	26	26	17	1	193	12.
C17	Small	0	0	0	0	0	0	0	0	0	2	2	0	1	0	0	0	5	0.3
C18	Colon	0	0	0	0	1	1	1	3	8	10	7	10	6	6	4	5	62	3.9
C19-C20	Rectum	0	0	1	1	1	3	2	4	2	5	6	4	10	5	7	7	58	3.7
C21	Anus	0	0	0	0	0	1	0	1	0	2	3	0	0	0	1	2	10	0.6
C22	Liver	0	0	0	0	0	0	0	2	2	3	7	4	6	6	1	4	35	2.2
C23-C24	Gall Bladder	0	0	0	0	0	0	0	2	0	2	2	5	4	2	1	0	18	1.1
C25	Pancreas	0	0	0	0	0	0	1	0	0	4	3	4	2	3	3	1	21	1.3
C26	Oth. Dig.Org	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	3	0.2
C30-C31	Nose	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	3	0.2
C32	Larynx	0	0	0	0	0	0	0	0	2	9	13	7	10	12	7	6	66	4.2
C33-C34	Lung	0	0	0	0	2	1	2	7	9	14	17	23	27	16	14	1	142	9.0
C37-C38	Oth Thorac	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C40-C41	Bone	1	0	5	3	5	0	1	1	0	1	2	0	0	1	0	0	20	1.3
C43	Skin	0	0	0	0	0	0	0	0	0	2	0	1	0	1	1	0	5	0.3
C44	Other Skin	0	0	0	0	0	0	1	1	2	2	4	3	2	2	0	1	18	1.1
C45	Mesothelio	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C47&C4	Soft Tiss &	0	0	1	1	0	2	1	3	0	2	3	2	5	3	3	2	28	1.8
C48	Retroperiton	0	0	0	0	0	0	0	0	1	0	3	0	1	0	0	0	5	0.3
C50	Breast	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	5	0.3
C60	Penis	0	0	0	0	1	1	3	1	5	4	11	4	5	6	2	2	45	2.9
C61	Prostate	0	0	0	0	0	0	0	0	0	1	1	1	3	8	4	9	27	1.7
C62	Testis	0	0	0	2	3	1	2	2	1	3	2	0	1	1	0	0	18	1.1
C63	Oth. Male	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.1
C64	Kidney	0	0	0	0	0	0	1	1	0	1	4	2	7	2	1	0	19	1.2
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	1	0	0	1	0	0	1	0	5	4	5	2	19	1.2
C68	Unspc Urin.	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	1	0	0	0	1	0.1
C70-C72	Brain & Nerv	1	1	2	2	2	0	2	0	2	2	1	4	0	1	0	1	21	1.3
C73	Thyroid	0	0	1	0	0	1	2	2	2	6	6	6	3	1	0	2	32	2.0
C74	Adrenal	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.1
C75	Oth. Endo.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C77	Sec Lymph	0	0	0	0	0	1	0	1	2	3	7	8	7	3	3	2	37	2.4
C78	Sec Resp &	0	0	0	0	0	0	0	2	0	2	1	1	4	1	0	0	11	0.7
C79	Oth Sec Org	0	0	0	0	0	1	0	0	1	2	0	0	0	3	1	0	8	0.5
C81	Hodg Dis	0	1	1	0	3	1	1	0	0	0	3	1	3	2	1	2	19	1.2
C82-C85	NHL	0	1	0	3	2	1	3	3	2	4	4	4	6	4	6	1	44	2.8
C88	Immunopro.	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	1	1	1	0	6	5	1	1	0	16	1.0
C91	Lymp Leuk	3	1	3	0	1	0	1	0	0	0	1	1	0	1	1	0	13	0.8
C92-C94	Myeloid	0	1	1	4	3	1	5	5	3	4	5	1	3	3	0	0	39	2.5
C95	Leukemia	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0.2
Oth & Unspec Sites		0	0	0	0	0	0	0	1	2	3	1	2	2	1	0	0	12	0.8
Grand Total		6	5	16	18	28	25	59	10	11	17	20	19	21	17	12	1	1573	10
%		0.4	0.3	1.0	1.1	1.8	1.6	3.8	6.5	7.4	11.3	13.0	12.5	13.5	11.4	7.8	6.7	100.0	

**Table 1(b): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
Visakhapatnam District, 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+	Total	%
C00	Lip	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	3	0.1
C01-C02	Tongue	0	0	0	0	0	0	0	1	3	6	6	9	4	2	5	1	37	1.5
C03-C06	Mouth	0	0	0	1	0	1	4	4	5	11	24	26	23	21	11	6	137	5.5
C07-C08	Saliv Gland	0	0	0	0	0	0	0	1	3	2	0	0	1	1	0	1	9	0.4
C09	Tonsil	0	0	0	0	0	0	1	0	0	1	3	1	0	1	0	0	7	0.3
C10	Oth.	0	0	0	0	0	0	0	0	1	1	0	2	2	2	0	0	8	0.3
C11	Nasopharynx	0	0	0	0	0	0	1	0	1	0	2	1	0	0	1	0	6	0.2
C12-C13	Hypopharynx	0	0	0	0	0	4	7	9	10	12	7	7	7	1	4	3	71	2.8
C14	Pharynx	0	0	0	0	1	0	0	3	1	4	2	2	1	4	1	1	20	0.8
C15	Oesophagus	0	0	0	0	2	2	5	5	11	8	8	5	11	7	2	0	66	2.6
C16	Stomach	0	1	0	0	1	3	5	6	14	20	14	14	18	11	3	4	114	4.6
C17	Small	0	0	0	0	0	0	0	0	0	2	0	0	1	1	0	0	4	0.2
C18	Colon	0	0	0	0	0	1	3	1	4	1	8	6	6	2	2	3	37	1.5
C19-C20	Rectum	0	0	0	1	0	1	0	3	4	5	6	6	3	5	1	1	36	1.4
C21	Anus	0	0	0	0	0	0	0	0	1	2	2	2	1	2	0	0	10	0.4
C22	Liver	0	0	0	0	0	0	0	1	0	1	1	1	3	0	4	2	13	0.5
C23-C24	Gall Bladder	0	0	0	0	1	0	0	2	1	3	0	4	2	2	4	1	20	0.8
C25	Pancreas	0	0	0	0	0	0	0	0	0	3	2	2	4	0	0	0	11	0.4
C26	Oth. Dig.Org	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C30-31	Nose & Sinus	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.0
C32	Larynx	0	0	0	0	0	1	1	1	1	1	4	0	1	2	1	1	14	0.6
C33-C34	Lung	0	0	0	0	0	1	4	4	3	8	12	10	8	9	2	4	65	2.6
37-38	Oth.Thoracic	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	2	0.1
C40-C41	Bone	0	0	3	1	0	1	0	1	0	0	0	1	0	0	1	0	8	0.3
C43	Skin	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0.1
C44	Oth Skin	0	0	0	0	0	0	0	0	2	0	3	1	3	2	2	1	14	0.6
C45	Mesothelio	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C47&C4	Soft Tiss. &	0	0	1	1	0	1	2	4	3	0	5	6	1	3	1	0	28	1.1
C48	Retroperiton	0	0	0	0	0	0	0	0	0	0	1	0	2	1	0	0	4	0.2
C50	Breast	0	0	0	0	1	9	25	51	82	10	70	87	55	41	28	1	560	22.4
c51	Vulva	0	0	0	0	0	0	0	0	2	3	0	1	3	0	2	2	13	0.5
C52	Vagina	0	0	0	1	0	0	0	0	4	5	7	8	2	5	2	0	34	1.4
C53	Cervix	0	0	0	1	1	1	28	52	10	10	99	11	86	59	33	1	699	27.9
C54-C55	Corpus Uteri	0	0	0	1	1	0	0	3	1	6	3	6	8	8	3	2	42	1.7
C56	Ovary Etc	0	0	0	5	3	6	4	15	13	23	15	25	13	10	8	2	142	5.7
C57	Oth.Fem.Ge	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.0
C58	Placenta	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0.1
C64	Kidney	1	0	0	0	0	1	0	2	0	4	1	4	1	1	0	0	15	0.6
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	0	0	0	0	0	0	0	0	0	2	0	3	2	0	1	0	8	0.3
C68	Unspec.Urin.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.0
C69	Eye	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.0
C70-C72	Brain & Nerv	2	0	0	1	2	1	1	0	0	2	2	1	0	2	0	1	15	0.6
C73	Thyroid	0	0	0	4	6	8	8	6	6	2	6	8	3	3	1	1	62	2.5
C74	Adrenal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C75	Oth. Endo.	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.0
C77	Sec Lymph	0	0	0	0	1	2	0	2	4	8	5	2	5	1	1	2	33	1.3
C78	Sec Resp &	0	0	0	0	0	1	0	1	0	1	0	1	1	2	0	0	7	0.3
C79	Oth Sec Org	1	0	0	0	0	0	0	1	0	1	0	2	0	0	0	0	5	0.2
C81	Hodg.Dis	0	0	0	1	4	0	2	0	0	1	0	0	1	0	0	0	9	0.4
C82-C85	NHL	0	0	2	0	1	1	2	2	1	8	5	5	5	5	1	1	39	1.6
C88	Immunopro.	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	1	1	1	2	4	0	0	0	9	0.4
C91	Leuk Lymph.	1	2	3	2	0	0	0	1	2	0	0	1	0	0	0	0	12	0.5
C92-C94	Leuk	0	1	1	2	2	4	3	6	2	4	4	4	0	1	0	0	34	1.4
C95	Leukemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Other & Unspecified		0	0	0	1	0	0	0	0	2	1	2	0	1	2	0	1	10	0.4
Grand Total		5	4	10	23	29	50	10	18	28	37	33	38	29	22	12	6	2501	100.0
%		0.2	0.2	0.4	0.9	1.2	2.0	4.2	7.6	11.6	14.8	13.2	15.4	11.8	8.8	5.0	2.7	100.0	

**Table 1(c): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
Visakhapatnam Rural 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+	TOTAL	%
C00	Lip	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	0	4	0.0
C01-C02	Tongue	0	0	0	0	0	2	9	13	12	9	6	6	5	4	1	2	69	0.1
C03-C06	Mouth	0	0	0	0	0	1	2	7	8	10	4	5	2	9	7	4	59	0.1
C07-C08	Salivary Gland	0	0	0	0	1	0	0	0	1	0	1	0	0	0	1	0	4	0.0
C09	Tonsil	0	0	0	0	0	0	0	0	0	2	2	0	2	2	1	1	10	0.0
C10	Oth	0	0	0	0	0	0	0	0	1	1	0	1	0	1	1	0	5	0.0
C11	Nasopharynx	0	0	0	0	0	0	0	2	0	2	1	0	0	2	0	0	7	0.0
C12-C13	Hypopharynx	0	0	0	0	0	0	1	3	4	4	5	6	5	2	3	1	34	0.0
C14	Pharynx	0	0	0	0	0	0	0	0	0	1	2	4	4	1	1	2	15	0.0
C15	Oesophagus	0	0	0	0	0	1	0	0	1	0	7	4	5	3	3	3	27	0.0
C16	Stomach	0	0	0	1	1	1	2	8	6	9	14	19	14	15	5	3	98	0.1
C17	Small Intestine	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	0.0
C18	Colon	0	0	0	0	1	1	1	0	3	5	3	3	3	2	1	0	23	0.0
C19-C20	Rectum	0	0	1	1	1	2	2	1	0	3	3	2	3	2	2	3	26	0.0
C21	Anus	0	0	0	0	0	0	0	1	0	2	1	0	0	0	0	0	4	0.0
C22	Liver	0	0	0	0	0	0	0	1	2	1	3	2	4	1	0	0	14	0.0
C23-C24	Gall Bladder	0	0	0	0	0	0	0	1	0	1	1	1	2	1	0	0	7	0.0
C25	Pancreas	0	0	0	0	0	0	0	0	0	1	1	0	0	1	2	0	5	0.0
C30-C31	Nose & Sinuses	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2	0.0
C32	Larynx	0	0	0	0	0	0	0	0	2	5	4	2	7	6	3	1	30	0.0
C33-C34	Lung	0	0	0	0	1	1	0	4	5	3	9	7	9	5	4	3	51	0.1
C37-C38	Oth Thorac Org	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C40-C41	Bone	0	0	2	2	2	0	0	0	0	1	2	0	0	0	0	0	9	0.0
C43	Skin Melanoma	0	0	0	0	0	0	0	0	0	2	0	1	0	1	0	0	4	0.0
C44	Other Skin	0	0	0	0	0	0	1	1	1	1	2	2	1	1	0	0	10	0.0
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C47&C4	Soft Tiss & PNS	0	0	1	1	0	2	0	2	0	1	1	0	3	2	1	1	15	0.0
C48	Retroperitoneu	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	3	0.0
C50	Breast	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	3	0.0
C60	Penis	0	0	0	0	1	0	2	0	2	2	9	3	2	2	2	2	27	0.0
C61	Prostate	0	0	0	0	0	0	0	0	0	1	1	0	2	6	1	1	12	0.0
C62	Testis	0	0	0	1	1	1	2	1	0	1	2	0	1	0	0	0	10	0.0
C63	Oth. Male Gen	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.0
C64	Kidney	0	0	0	0	0	0	1	1	0	1	3	0	4	2	1	0	13	0.0
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	1	0	0	0	0	0	1	0	4	2	3	0	11	0.0
C68	Unspc Urin.	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	1	0	0	0	1	0.0
C70-C72	Brain & Nerv	1	1	1	1	1	0	2	0	2	1	1	1	0	0	0	1	13	0.0
C73	Thyroid	0	0	1	0	0	0	2	2	1	3	4	3	2	0	0	1	19	0.0
C74	Adrenal Gland	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.0
C75	Oth. Endo.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C77	Sec Lymph	0	0	0	0	0	1	0	1	2	1	3	4	4	1	0	2	19	0.0
C78	Sec Resp & Dig	0	0	0	0	0	0	0	2	0	1	1	1	1	0	0	0	6	0.0
C79	Oth Sec Org	0	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	3	0.0
C81	Hodg Dis	0	1	1	0	1	0	1	0	0	0	3	0	1	1	0	1	10	0.0
C82-C85	NHL	0	0	0	2	2	1	1	3	1	3	0	1	1	0	1	0	16	0.0
C88	Immunopro.	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	1	1	0	0	3	2	0	0	0	7	0.0
C91	Lymp Leuk	1	0	1	0	1	0	1	0	0	0	0	1	0	0	0	0	5	0.0
C92-C94	Myeloid Leuk	0	1	1	2	1	0	3	3	0	2	3	0	2	1	0	0	19	0.0
C95	Leukemia Uns	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.0
Oth & Unspec Sites		0	0	0	0	0	0	0	0	0	1	0	2	1	1	0	0	5	0.0
Grand Total		2	3	9	11	16	14	34	58	57	86	10	85	98	82	45	32	739	1.0
%		0.3	0.4	1.2	1.5	2.2	1.9	4.6	7.8	7.7	11.6	14.5	11.5	13.3	11.1	6.1	4.3	100.0	

**Table 1(d): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
Visakhapatnam Rural, 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+	Total	%
C00	Lip	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2	0.2
C01-C02	Tongue	0	0	0	0	0	0	0	1	2	3	3	3	1	0	2	1	16	1.2
C03-C06	Mouth	0	0	0	1	0	0	2	2	4	9	18	12	13	13	10	6	90	6.9
C07-C08	Saliv Gland	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	1	5	0.4
C09	Tonsil	0	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	3	0.2
C10	Oth.	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	3	0.2
C11	Nasopharynx	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	3	0.2
C12-C13	Hypopharynx	0	0	0	0	0	3	1	7	2	11	4	4	4	1	3	1	41	3.1
C14	Pharynx	0	0	0	0	1	0	0	0	0	2	1	1	0	2	1	0	8	0.6
C15	Oesophagus	0	0	0	0	1	1	2	4	6	5	7	1	7	3	1	0	38	2.9
C16	Stomach	0	1	0	0	1	1	2	3	8	12	7	7	9	7	1	1	60	4.6
C17	Small	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	0.2
C18	Colon	0	0	0	0	0	1	2	1	3	0	5	3	1	0	1	0	17	1.3
C19-C20	Rectum	0	0	0	1	0	0	0	1	1	4	2	3	1	2	1	0	16	1.2
C21	Anus	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	3	0.2
C22	Liver	0	0	0	0	0	0	0	0	0	1	0	0	2	0	4	2	9	0.7
C23-C24	Gall Bladder	0	0	0	0	0	0	0	2	1	1	0	2	0	1	1	0	8	0.6
C25	Pancreas	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.1
C26	Oth. Dig.org	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
30-31	Nose & Sinus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C32	Larynx	0	0	0	0	0	1	1	1	1	0	3	0	1	1	1	0	10	0.8
C33-C34	Lung	0	0	0	0	0	0	2	1	2	0	7	3	3	4	1	1	24	1.8
37-38	Oth.Thoracic	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	2	0.2
C40-C41	Bone	0	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	4	0.3
C43	Skin	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.1
C44	Oth Skin	0	0	0	0	0	0	0	0	2	0	2	0	1	1	1	0	7	0.5
C45	Mesothelio	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C47&C4	Soft Tiss. &	0	0	0	1	0	1	2	2	0	0	1	1	1	1	0	0	10	0.8
C48	Retroperiton	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0.2
C50	Breast	0	0	0	0	0	6	12	27	40	39	33	36	21	15	2	1	232	17.8
c51	Vulva	0	0	0	0	0	0	0	0	0	3	0	1	3	0	0	0	7	0.5
C52	Vagina	0	0	0	1	0	0	0	0	2	3	3	5	1	2	2	0	19	1.5
C53	Cervix	0	0	0	1	1	1	17	36	64	72	71	82	57	31	23	8	464	35.6
C54-C55	Corpus Uteri	0	0	0	1	1	0	0	1	0	2	1	2	3	1	0	0	12	0.9
C56	Ovary etc	0	0	0	5	2	1	2	8	5	9	8	14	6	7	2	0	69	5.3
C57	Oth.Fem.Ge	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.1
C64	Kidney	0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	0	4	0.3
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	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	4	0.3
C68	Unspec.Urin.	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.1
C69	Eye	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.1
C70-C72	Brain & Nerv	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	3	0.2
C73	Thyroid	0	0	0	2	3	7	2	2	2	0	4	4	2	1	1	0	30	2.3
C74	Adrenal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C75	Oth. Endo.	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.1
C77	Sec Lymph	0	0	0	0	0	0	0	2	2	3	3	0	3	1	0	1	15	1.1
C78	Sec Resp &	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	4	0.3
C79	Oth Sec Org	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	3	0.2
C81	Hodg.Dis	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	3	0.2
C82-C85	NHL	0	0	1	0	0	1	1	0	0	6	5	0	2	2	0	0	18	1.4
C88	Immunopro.	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	2	0	0	0	2	0.2
C91	Leuk Lymph.	1	2	2	0	0	0	0	1	1	0	0	0	0	0	0	0	7	0.5
C92-C94	Leuk	0	0	0	2	2	0	2	1	2	2	3	1	0	1	0	0	16	1.2
C95	Leukemia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Other & Unspecified		0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	4	0.3
Grand Total		1	3	5	16	14	26	53	10	15	19	19	19	15	10	61	2	1305	100.
%		0.1	0.2	0.4	1.2	1.1	2.0	4.1	8.0	11.8	15.1	14.9	14.6	11.9	8.1	4.7	1.8	100.0	

**Table 1(e): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
Visakhapatnam Urban Year: 2015-16 Males**

ICD	SITE	00-04	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Total	%
C00	Lip	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2	0.2
C01-C02	Tongue	0	0	0	0	0	1	5	13	12	7	7	3	6	6	6	3	69	8.3
C03-C06	Mouth	0	0	0	0	1	1	5	8	12	12	4	9	9	5	7	9	82	9.8
C07-C08	Salivary Gland	0	0	0	0	0	0	0	0	1	2	0	0	0	1	0	0	4	0.5
C09	Tonsil	0	0	0	0	0	0	1	0	0	0	2	3	2	0	1	1	10	1.2
C10	Oth	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0.2
C11	Nasopharynx	0	0	0	1	0	0	0	1	0	0	1	2	1	0	0	1	7	0.8
C12-C13	Hypopharynx	0	0	0	0	0	0	2	2	2	4	4	6	2	5	4	4	35	4.2
C14	Pharynx	0	0	0	0	0	0	0	1	0	1	2	2	3	3	0	1	13	1.6
C15	Oesophagus	0	0	0	0	0	0	0	0	3	2	4	5	10	6	0	2	32	3.8
C16	Stomach	0	0	0	0	0	1	2	1	4	13	17	13	12	11	12	9	95	11.4
c17	Small Intestine	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	3	0.4
C18	Colon	0	0	0	0	0	0	0	3	5	5	4	7	3	4	3	5	39	4.7
C19-C20	Rectum	0	0	0	0	0	1	0	3	2	2	3	2	7	3	5	4	32	3.8
C21	Anus	0	0	0	0	0	1	0	0	0	0	2	0	0	0	1	2	6	0.7
C22	Liver	0	0	0	0	0	0	0	1	0	2	4	2	2	5	1	4	21	2.5
C23-C24	Gall Bladder	0	0	0	0	0	0	0	1	0	1	1	4	2	1	1	0	11	1.3
C25	Pancreas	0	0	0	0	0	0	1	0	0	3	2	4	2	2	1	1	16	1.9
c26	oth. Dig.org	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	3	0.4
C30-C31	Nose & sinuses	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0.1
C32	Larynx	0	0	0	0	0	0	0	0	0	4	9	5	3	6	4	5	36	4.3
C33-C34	Lung	0	0	0	0	1	0	2	3	4	11	8	16	18	11	10	7	91	10.9
C37-C38	Oth Thorac Org	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C40-C41	Bone	1	0	3	1	3	0	1	1	0	0	0	0	0	1	0	0	11	1.3
C43	Skin Melanoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.1
C44	Other Skin	0	0	0	0	0	0	0	0	1	1	2	1	1	1	0	1	8	1.0
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C47&C4	Soft Tiss & PNS	0	0	0	0	0	0	1	1	0	1	2	2	2	1	2	1	13	1.6
C48	Retroperitoneu	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2	0.2
C50	Breast	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	0.2
C60	Penis	0	0	0	0	0	1	1	1	3	2	2	1	3	4	0	0	18	2.2
C61	Prostate	0	0	0	0	0	0	0	0	0	0	0	1	1	2	3	8	15	1.8
C62	Testis	0	0	0	1	2	0	0	1	1	2	0	0	0	1	0	0	8	1.0
C64	Kidney	0	0	0	0	0	0	0	0	0	0	1	2	3	0	0	0	6	0.7
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	1	0	0	0	0	1	2	2	2	8	1.0
C68	Unspc urin. Org	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
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	0	0	1	1	1	0	0	0	0	1	0	3	0	1	0	0	8	1.0
C73	Thyroid	0	0	0	0	0	1	0	0	1	3	2	3	1	1	0	1	13	1.6
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.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C77	Sec Lymph	0	0	0	0	0	0	0	0	0	2	4	4	3	2	3	0	18	2.2
C78	Sec Resp & Dig	0	0	0	0	0	0	0	0	0	1	0	0	3	1	0	0	5	0.6
C79	Oth Sec Org	0	0	0	0	0	1	0	0	1	1	0	0	0	1	1	0	5	0.6
C81	Hodg Dis	0	0	0	0	2	1	0	0	0	0	0	1	2	1	1	1	9	1.1
C82-C85	NHL	0	1	0	1	0	0	2	0	1	1	4	3	5	4	5	1	28	3.4
C88	Immunopro.	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	1	0	3	3	1	1	0	9	1.1
C91	Lymp Leuk	2	1	2	0	0	0	0	0	0	0	1	0	0	1	1	0	8	1.0
C92-C94	Myeloid Leuk	0	0	0	2	2	1	2	2	3	2	2	1	1	2	0	0	20	2.4
C95	Leukemia Uns	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.2
Oth & Unspec Sites		0	0	0	0	0	0	0	1	2	2	1	0	1	0	0	0	7	0.8
Grand Total		4	2	7	7	12	11	25	45	59	91	98	11	11	97	77	7	834	100.0
%		0.5	0.2	0.8	0.8	1.4	1.3	3.0	5.4	7.1	10.9	11.8	13.3	13.8	11.6	9.2	8.8	100.0	

**Table 1(f): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
Visakhapatnam Urban, 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+	Total	%
C00	Lip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.1
C01-C02	Tongue	0	0	0	0	0	0	0	0	1	3	3	6	3	2	3	0	21	1.8
C03-C06	Mouth	0	0	0	0	0	1	2	2	1	2	6	14	10	8	1	0	47	3.9
C07-C08	Saliv Gland	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	4	0.3
C09	Tonsil	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	4	0.3
C10	Oth. Oropharynx	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	0	5	0.4
C11	Nasopharynx	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	3	0.3
C12-C13	Hypopharynx	0	0	0	0	0	1	6	2	8	1	3	3	3	0	1	2	30	2.5
C14	Pharynx	0	0	0	0	0	0	0	3	1	2	1	1	1	2	0	1	12	1.0
C15	Oesophagus	0	0	0	0	1	1	3	1	5	3	1	4	4	4	1	0	28	2.3
C16	Stomach	0	0	0	0	0	2	3	3	6	8	7	7	9	4	2	3	54	4.5
C17	Small Intestine	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2	0.2
C18	Colon	0	0	0	0	0	0	1	0	1	1	3	3	5	2	1	3	20	1.7
C19-C20	Rectum	0	0	0	0	0	1	0	2	3	1	4	3	2	3	0	1	20	1.7
C21	Anus	0	0	0	0	0	0	0	0	1	2	2	1		1	0	0	7	0.6
C22	Liver	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	4	0.3
C23-C24	Gall Bladder	0	0	0	0	1	0	0	0	0	2		2	2	1	3	1	12	1.0
C25	Pancreas	0	0	0	0	0	0	0	0	0	3	1	2	4	0	0	0	10	0.8
C26	Oth. Dig.org	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
30-31	Nose & Sinus	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.1
C32	Larynx	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1	4	0.3
C33-C34	Lung	0	0	0	0	0	1	2	3	1	8	5	7	5	5	1	3	41	3.4
C40-C41	Bone	0	0	1	0	0	0	0	1	0	0	0	1	0	0	1	0	4	0.3
C43	Skin Melanoma	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.1
C44	Oth Skin	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	1	7	0.6
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C47&C4	Soft Tiss. & PNS	0	0	1	0	0	0	0	2	3	0	4	5	0	2	1	0	18	1.5
C48	Retroperitoneum	0	0	0	0	0	0	0	0	0	0	1		0	1	0	0	2	0.2
C50	Breast	0	0	0	0	1	3	13	24	42	61	37	51	34	26	26	10	328	27.4
c51	Vulva	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	2	6	0.5
C52	Vagina	0	0	0	0	0	0	0	0	2	2	4	3	1	3	0	0	15	1.3
C53	Cervix	0	0	0	0	0	0	11	16	37	33	28	36	29	28	10	7	235	19.6
C54-C55	Corpus Uteri	0	0	0	0	0	0	0	2	1	4	2	4	5	7	3	2	30	2.5
C56	Ovary etc	0	0	0	0	1	5	2	7	8	14	7	11	7	3	6	2	73	6.1
c58	Placenta	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0.2
C64	Kidney	1	0	0	0	0	0	0	2		2	1	4	1	0	0	0	11	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	1		2	1	0	0	0	4	0.3
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	2	0	0	1	1	1	0	0	0	1	2	1		2	0	1	12	1.0
C73	Thyroid	0	0	0	0	3	1	6	4	4	2	2	4	1	2	0	1	32	2.7
C74	Adrenal Glands	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	1	2	0	0	2	5	2	2	2	0	1	1	18	1.5
C78	Sec Resp & Dig	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	3	0.3
C79	Oth Sec Org	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0.2
C81	Hodg.Dis	0	0	0	1	3	0	1	0	0	1	0	0	0	0	0	0	6	0.5
C82-C85	NHL	0	0	1	0	1	0	1	2	1	2		5	3	3	1	1	21	1.8
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	1	1	1	2	2	0	0	0	7	0.6
C91	Leuk Lymph.	0	0	1	2	0	0	0	0	1	0	0	1	0	0	0	0	5	0.4
C92-C94	Leuk Myeloid	0	1	1		0	4	1	5	0	2	1	3	0	0	0	0	18	1.5
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	1	0	0	0	0	0	1	2	0	1	0	0	1	6	0.5
Total		4	1	5	7	15	24	53	84	13	17	13	19	14	11	65	45	1196	100.0
%		0.3	0.1	0.4	0.6	1.3	2.0	4.4	7.0	11.3	14.5	11.4	16.2	11.7	9.6	5.4	3.8	100.0	

Table 2(a): Average Annual Age Specific Crude Rate , Age Standardized Rate (ASR) and Truncated Rate (35-64 yrs) (TR) of Cancer per 100, 000 Population:
Visakhapatnam District , 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	ASR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	1.2	0.0	1.6	0.0	0.0	0.1	0.1	0.3
C01-C02	Tongue	0.0	0.0	0.0	0.0	0.0	0.7	3.7	7.0	6.9	5.3	5.9	5.6	6.1	8.2	9.7	8.8	3.0	2.8	6.2
C03-C06	Mouth	0.0	0.0	0.0	0.0	0.2	0.5	1.9	4.0	5.7	7.3	3.6	8.7	6.1	11.	19.	22.	3.1	3.2	5.8
C07-C08	Salivary Gland	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.6	0.7	0.5	0.0	0.0	0.8	1.4	0.0	0.2	0.2	0.3
C09	Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.7	1.8	1.9	2.2	1.6	2.8	3.5	0.4	0.5	0.9
C10	Oth Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	1.2	0.0	1.6	1.4	0.0	0.2	0.2	0.3
C11	Nasopharynx	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.8	0.0	0.7	0.9	1.2	0.6	1.6	0.0	1.8	0.3	0.3	0.7
C12-C13	Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.3	1.7	2.7	4.1	7.5	3.9	5.8	9.7	8.8	1.5	1.6	3.2
C14	Pharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.7	1.8	3.7	3.9	3.3	1.4	5.3	0.6	0.7	1.5
C15	Oesophagus	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	1.1	0.7	5.0	5.6	8.3	7.4	4.2	8.8	1.3	1.4	3.0
C16	Stomach	0.0	0.0	0.0	0.2	0.2	0.5	1.1	2.4	2.9	7.3	14.	19.	14.	21.	23.	21.	4.3	4.5	9.1
c17	Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	0.0	0.0	0.6	0.0	0.0	0.0	0.1	0.1	0.3
C18	Colon	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.8	2.3	3.3	3.2	6.2	3.3	4.9	5.5	8.8	1.4	1.4	3.0
C19-C20	Rectum	0.0	0.0	0.2	0.2	0.2	0.7	0.5	1.1	0.6	1.7	2.7	2.5	5.6	4.1	9.7	12.	1.3	1.4	2.1
C21	Anus	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.0	0.7	1.4	0.0	0.0	0.0	1.4	3.5	0.2	0.2	0.4
C22	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	1.0	3.2	2.5	3.3	4.9	1.4	7.0	0.8	0.8	1.7
C23-C24	Gall Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.7	0.9	3.1	2.2	1.6	1.4	0.0	0.4	0.4	1.1
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	1.3	1.4	2.5	1.1	2.5	4.2	1.8	0.5	0.5	0.9
c26	oth. Dig.org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.6	0.0	1.4	0.0	0.1	0.1	0.1
C30-C31	Nose & sinuses	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
C32	Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.0	5.9	4.4	5.6	9.9	9.7	10.	1.5	1.6	2.9
C33-C34	Lung	0.0	0.0	0.0	0.0	0.5	0.2	0.5	1.9	2.6	4.7	7.7	14.	15.	13.	19.	17.	3.1	3.3	6.8
C37-C38	Oth Thorac 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
C40-C41	Bone	0.3	0.0	1.2	0.7	1.2	0.0	0.3	0.3	0.0	0.3	0.9	0.0	0.0	0.8	0.0	0.0	0.4	0.4	0.3
C43	Skin Melanoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.6	0.0	0.8	1.4	0.0	0.1	0.1	0.2
C44	Other Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.6	0.7	1.8	1.9	1.1	1.6	0.0	1.8	0.4	0.4	1.0
C45	Mesothelioma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C47&C4	Soft Tiss & PNS	0.0	0.0	0.2	0.2	0.0	0.5	0.3	0.8	0.0	0.7	1.4	1.2	2.8	2.5	4.2	3.5	0.6	0.6	1.0
C48	Retroperitoneum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.4	0.0	0.6	0.0	0.0	0.0	0.1	0.1	0.3
C50	Breast	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.6	0.6	0.8	0.0	0.0	0.1	0.1	0.3
C60	Penis	0.0	0.0	0.0	0.0	0.2	0.2	0.8	0.3	1.4	1.3	5.0	2.5	2.8	4.9	2.8	3.5	1.0	1.0	2.1
C61	Prostate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.6	1.7	6.6	5.5	15.	0.6	0.8	0.4	0.6
C62	Testis	0.0	0.0	0.0	0.5	0.7	0.2	0.5	0.5	0.3	1.0	0.9	0.0	0.6	0.8	0.0	0.0	0.4	0.4	0.6
C63	oth. Male gen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
C64	Kidney	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.3	1.8	1.2	3.9	1.6	1.4	0.0	0.4	0.4	1.1
C65	Renal Pevis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C66	Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C67	Urin. Bladder	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.3	0.0	0.0	0.5	0.0	2.8	3.3	6.9	3.5	0.4	0.5	0.5
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	0.6	0.0	0.0	0.0	0.0	0.0	0.1
C70-C72	Brain & Nerv Sys	0.3	0.3	0.5	0.5	0.5	0.0	0.5	0.0	0.6	0.7	0.5	2.5	0.0	0.8	0.0	1.8	0.5	0.5	0.6
C73	Thyroid	0.0	0.0	0.2	0.0	0.0	0.2	0.5	0.5	0.6	2.0	2.7	3.7	1.7	0.8	0.0	3.5	0.7	0.7	1.7
C74	Adrenal gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
C75	oth. Endo. Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C77	Sec Lymph Lymph	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.6	1.0	3.2	5.0	3.9	2.5	4.2	3.5	0.8	0.9	2.0
C78	Sec Resp & Dig	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.7	0.5	0.6	2.2	0.8	0.0	0.0	0.2	0.2	0.7
C79	Oth Sec Org	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.3	0.7	0.0	0.0	0.0	2.5	1.4	0.0	0.2	0.2	0.2
C81	Hodg Dis	0.0	0.3	0.2	0.0	0.7	0.2	0.3	0.0	0.0	0.0	1.4	0.6	1.7	1.6	1.4	3.5	0.4	0.4	0.5
C82-C85 & C96	NHL	0.0	0.3	0.0	0.7	0.5	0.2	0.8	0.8	0.6	1.3	1.8	2.5	3.3	3.3	8.3	1.8	1.0	1.0	1.6
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	0.3	0.3	0.3	0.0	3.7	2.8	0.8	1.4	0.0	0.4	0.4	1.0
C91	Lymp Leuk	1.0	0.3	0.7	0.0	0.2	0.0	0.3	0.0	0.0	0.0	0.5	0.6	0.0	0.8	1.4	0.0	0.3	0.3	0.2
C92-C94	Myeloid Leuk	0.0	0.3	0.2	1.0	0.7	0.2	1.3	1.3	0.9	1.3	2.3	0.6	1.7	2.5	0.0	0.0	0.9	0.8	1.3
C95	Leukemia Uns	0.3	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.1	0.1	0.0
Oth & Unspec Sites		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	1.0	0.5	1.2	1.1	0.8	0.0	0.0	0.3	0.3	0.7
All Cases		1.9	1.4	4.0	4.3	6.6	6.0	15.8	27.8	33.1	58.8	92.8	122.0	118.4	147.1	168.8	183.8	34.7	36.0	69.2

Table 2(b): Average Annual Age Specific, Crude Rate , Age Standardized Rate (ASR) and Truncated Rate (35-64 yrs) (TR) of Cancer per 100, 000 Population:
Visakhapatnam District , 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	ASR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	1.2	1.4	0.1	0.1	0.1
C01-C02	Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.9	2.1	2.8	5.1	1.9	1.5	6.2	1.4	0.8	0.8	2.0
C03-C06	Mouth	0.0	0.0	0.0	0.2	0.0	0.2	1.0	1.0	1.5	3.9	11.2	14.6	11.0	15.3	13.7	8.3	3.0	3.0	6.3
C07-C08	Saliv Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.9	0.7	0.0	0.0	0.5	0.7	0.0	1.4	0.2	0.2	0.4
C09	Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.4	1.4	0.6	0.0	0.7	0.0	0.0	0.2	0.2	0.4
C10	Oth. Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0	1.1	1.0	1.5	0.0	0.0	0.2	0.2	0.4
C11	Nasopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.9	0.6	0.0	0.0	1.2	0.0	0.1	0.1	0.3
C12-C13	Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.9	1.8	2.2	3.0	4.2	3.3	3.9	3.4	0.7	5.0	4.2	1.5	1.4	3.3
C14	Pharynx	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.7	0.3	1.4	0.9	1.1	0.5	2.9	1.2	1.4	0.4	0.4	0.8
C15	Oesophagus	0.0	0.0	0.0	0.0	0.4	0.4	1.3	1.2	3.3	2.8	3.7	2.8	5.3	5.1	2.5	0.0	1.4	1.3	3.1
C16	Stomach	0.0	0.3	0.0	0.0	0.2	0.7	1.3	1.5	4.2	7.0	6.6	7.9	8.6	8.0	3.7	5.6	2.5	2.4	5.6
C17	Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.5	0.7	0.0	0.0	0.1	0.1	0.2
C18	Colon	0.0	0.0	0.0	0.0	0.0	0.2	0.8	0.2	1.2	0.4	3.7	3.4	2.9	1.5	2.5	4.2	0.8	0.8	1.8
C19-C20	Rectum	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.7	1.2	1.8	2.8	3.4	1.4	3.6	1.2	1.4	0.8	0.8	1.8
C21	Anus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.9	1.1	0.5	1.5	0.0	0.0	0.2	0.2	0.6
C22	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.4	0.5	0.6	1.4	0.0	5.0	2.8	0.3	0.3	0.4
C23-C24	Gall Bladder	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.5	0.3	1.1	0.0	2.2	1.0	1.5	5.0	1.4	0.4	0.4	0.8
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.9	1.1	1.9	0.0	0.0	0.0	0.2	0.2	0.7
C26	Oth. Dig.org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30-31	Nose & Sinus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
C32	Larynx	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.2	0.3	0.4	1.9	0.0	0.5	1.5	1.2	1.4	0.3	0.3	0.5
C33-C34	Lung	0.0	0.0	0.0	0.0	0.0	0.2	1.0	1.0	0.9	2.8	5.6	5.6	3.8	6.6	2.5	5.6	1.4	1.4	3.0
37-38	Oth.Thoracic	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	0.7	0.0	0.0	0.0	0.0	0.0
C40-C41	Bone	0.0	0.0	0.8	0.2	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.6	0.0	0.0	1.2	0.0	0.2	0.2	0.1
C43	Skin Melanoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.1
C44	Oth Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.4	0.6	1.4	1.5	2.5	1.4	0.3	0.3	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 Tiss. & PNS	0.0	0.0	0.3	0.2	0.0	0.2	0.5	1.0	0.9	0.0	2.3	3.4	0.5	2.2	1.2	0.0	0.6	0.6	1.2
C48	Retroperitoneum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	1.0	0.7	0.0	0.0	0.1	0.1	0.2
C50	Breast	0.0	0.0	0.0	0.0	0.2	2.0	6.5	12.5	24.	35.2	32.8	48.9	26.3	29.9	34.9	15.3	12.1	11.5	29.0
c51	Vulva	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.1	0.0	0.6	1.4	0.0	2.5	2.8	0.3	0.3	0.6
C52	Vagina	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	1.2	1.8	3.3	4.5	1.0	3.6	2.5	0.0	0.7	0.7	1.8
C53	Cervix	0.0	0.0	0.0	0.2	0.2	0.2	7.3	12.8	30.	37.0	46.3	66.3	41.2	43.0	41.2	20.8	15.1	14.4	36.8
C54-C55	Corpus Uteri	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.7	0.3	2.1	1.4	3.4	3.8	5.8	3.7	2.8	0.9	0.9	1.8
C56	Ovary etc	0.0	0.0	0.0	1.2	0.7	1.3	1.0	3.7	3.9	8.1	7.0	14.0	6.2	7.3	10.0	2.8	3.1	2.9	6.8
C57	Oth.Fem.Gen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.1
C58	Placenta	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C64	Kidney	0.3	0.0	0.0	0.0	0.0	0.2	0.0	0.5	0.0	1.4	0.5	2.2	0.5	0.7	0.0	0.0	0.3	0.3	0.8
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	0.7	0.0	1.7	1.0	0.0	1.2	0.0	0.2	0.2	0.5
C68	Unspec.Urin. Org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	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	0.5	0.0	0.0	0.0	0.0	0.0	0.1
C70-C72	Brain & Nerv Sys	0.7	0.0	0.0	0.2	0.4	0.2	0.3	0.0	0.0	0.7	0.9	0.6	0.0	1.5	0.0	1.4	0.3	0.4	0.4
C73	Thyroid	0.0	0.0	0.0	1.0	1.3	1.8	2.1	1.5	1.8	0.7	2.8	4.5	1.4	2.2	1.2	1.4	1.3	1.2	2.0
C74	Adrenal Glands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
C77	Sec Lymph	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.5	1.2	2.8	2.3	1.1	2.4	0.7	1.2	2.8	0.7	0.7	1.7
C78	Sec Resp & Dig	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.4	0.0	0.6	0.5	1.5	0.0	0.0	0.2	0.1	0.3
C79	Oth Sec Org	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.4	0.0	1.1	0.0	0.0	0.0	0.0	0.1	0.1	0.3
C81	Hodg.Dis	0.0	0.0	0.0	0.2	0.9	0.0	0.5	0.0	0.0	0.4	0.0	0.0	0.5	0.0	0.0	0.0	0.2	0.2	0.1
C82-C85	NHL	0.0	0.0	0.5	0.0	0.2	0.2	0.5	0.5	0.3	2.8	2.3	2.8	2.4	3.6	1.2	1.4	0.8	0.8	1.7
C88	Immunopro.Dis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C90	Myeloma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.5	1.1	1.9	0.0	0.0	0.0	0.2	0.2	0.6
C91	Leuk Lymph.	0.3	0.6	0.8	0.5	0.0	0.0	0.0	0.2	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.3	0.3	0.2
C92-C94	Leuk Myeloid	0.0	0.3	0.3	0.5	0.4	0.9	0.8	1.5	0.6	1.4	1.9	2.2	0.0	0.7	0.0	0.0	0.7	0.7	1.3
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	0.2	0.0	0.0	0.0	0.0	0.6	0.4	0.9	0.0	0.5	1.5	0.0	1.4	0.2	0.2	0.4
I Cases		1.7	1.2	2.7	5.7	6.4	11.0	27.5	46.5	86.6	130.4	154.9	216.2	141.	161.1	157.1	94.4	54.1	51.8	122.1

**Table 2(c): Average Annual Age Specific Crude Rate , Age Standardized Rate (ASR) and Truncated Rate (35-64 yrs) (TR) of Cancer per 100, 000 Population:
Visakhapatnam Rural, 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	ASR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.5	0.0	2.9	0.0	0.0	0.2	0.2	0.3
C01-C02	Tongue	0.0	0.0	0.0	0.0	0.0	1.0	5.4	7.8	7.7	6.7	6.4	9.1	5.2	5.7	2.7	8.5	3.1	3.0	7.2
C03-C06	Mouth	0.0	0.0	0.0	0.0	0.0	0.5	1.2	4.2	5.2	7.5	4.2	7.6	2.1	12.9	18.6	17.0	2.7	2.8	5.2
C07-C08	Salivary Gland	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.6	0.0	1.1	0.0	0.0	0.0	2.7	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	1.5	2.1	0.0	2.1	2.9	2.7	4.3	0.5	0.5	0.9
C10	Oth Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.0	1.5	0.0	1.4	2.7	0.0	0.2	0.2	0.5
C11	Nasopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.5	1.1	0.0	0.0	2.9	0.0	0.0	0.3	0.3	0.7
C12-C13	Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.8	2.6	3.0	5.3	9.1	5.2	2.9	8.0	4.3	1.5	1.6	4.1
C14	Pharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.1	6.0	4.2	1.4	2.7	8.5	0.7	0.8	1.8
C15	Oesophagus	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.6	0.0	7.4	6.0	5.2	4.3	8.0	12.8	1.2	1.4	2.8
C16	Stomach	0.0	0.0	0.0	0.5	0.5	0.5	1.2	4.8	3.9	6.7	14.9	28.7	14.7	21.5	13.3	12.8	4.5	4.8	11.0
C17	Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.1	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	0.5	0.5	0.6	0.0	1.9	3.7	3.2	4.5	3.1	2.9	2.7	0.0	1.0	1.1	2.6
C19-C20	Rectum	0.0	0.0	0.5	0.5	0.5	1.0	1.2	0.6	0.0	2.2	3.2	3.0	3.1	2.9	5.3	12.8	1.2	1.3	1.9
C21	Anus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.5	1.1	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.6
C22	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.3	0.7	3.2	3.0	4.2	1.4	0.0	0.0	0.6	0.6	2.0
C23-C24	Gall Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.7	1.1	1.5	2.1	1.4	0.0	0.0	0.3	0.3	0.9
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.1	0.0	0.0	1.4	5.3	0.0	0.2	0.2	0.3
C30-C31	Nose & sinuses	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
C32	Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	3.7	4.2	3.0	7.3	8.6	8.0	4.3	1.4	1.4	3.0
C33-C34	Lung	0.0	0.0	0.0	0.0	0.5	0.5	0.0	2.4	3.2	2.2	9.6	10.6	9.4	7.2	10.6	12.8	2.3	2.5	5.6
C37-C38	Oth Thorac 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
C40-C41	Bone	0.0	0.0	1.0	0.9	0.9	0.0	0.0	0.0	0.0	0.7	2.1	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.5
C43	Skin Melanoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	1.5	0.0	1.4	0.0	0.0	0.2	0.2	0.5
C44	Other Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6	0.7	2.1	3.0	1.0	1.4	0.0	0.0	0.5	0.5	1.3
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 Tiss & PNS	0.0	0.0	0.5	0.5	0.0	1.0	0.0	1.2	0.0	0.7	1.1	0.0	3.1	2.9	2.7	4.3	0.7	0.7	1.0
C48	Retroperitoneu	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.5
C50	Breast	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.0	1.4	0.0	0.0	0.1	0.1	0.3
C60	Penis	0.0	0.0	0.0	0.0	0.5	0.0	1.2	0.0	1.3	1.5	9.6	4.5	2.1	2.9	5.3	8.5	1.2	1.4	2.9
C61	Prostate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.1	0.0	2.1	8.6	2.7	4.3	0.5	0.6	0.6
C62	Testis	0.0	0.0	0.0	0.5	0.5	0.5	1.2	0.6	0.0	0.7	2.1	0.0	1.0	0.0	0.0	0.0	0.5	0.4	0.7
C63	oth. Male gen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
C64	Kidney	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.0	0.7	3.2	0.0	4.2	2.9	2.7	0.0	0.6	0.6	1.3
C65	Renal Pevis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C66	Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C67	Urin. Bladder	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.1	0.0	4.2	2.9	8.0	0.0	0.5	0.5	0.7
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	1.0	0.0	0.0	0.0	0.0	0.0	0.1
C70-C72	Brain & Nerv Sys	0.6	0.5	0.5	0.5	0.5	0.0	1.2	0.0	1.3	0.7	1.1	1.5	0.0	0.0	0.0	4.3	0.6	0.6	0.8
C73	Thyroid	0.0	0.0	0.5	0.0	0.0	0.0	1.2	1.2	0.6	2.2	4.2	4.5	2.1	0.0	0.0	4.3	0.9	0.9	2.3
C74	Adrenal gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
C75	oth. Endo. Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C77	Sec Lymph Node	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.6	1.3	0.7	3.2	6.0	4.2	1.4	0.0	8.5	0.9	1.0	2.3
C78	Sec Resp & Dig	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.7	1.1	1.5	1.0	0.0	0.0	0.0	0.3	0.3	0.9
C79	Oth Sec Org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	2.9	0.0	0.0	0.1	0.1	0.1
C81	Hodg Dis	0.0	0.5	0.5	0.0	0.5	0.0	0.6	0.0	0.0	0.0	3.2	0.0	1.0	1.4	0.0	4.3	0.5	0.5	0.6
C82-C85 &	NHL	0.0	0.0	0.0	0.9	0.9	0.5	0.6	1.8	0.6	2.2	0.0	1.5	1.0	0.0	2.7	0.0	0.7	0.7	1.2
C88	Immunopro. Dis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C90	Myeloma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.0	0.0	4.5	2.1	0.0	0.0	0.0	0.3	0.3	1.1
C91	Lymp Leuk	0.6	0.0	0.5	0.0	0.5	0.0	0.6	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.2	0.3	0.2
C92-C94	Myeloid Leuk	0.0	0.5	0.5	0.9	0.5	0.0	1.8	1.8	0.0	1.5	3.2	0.0	2.1	1.4	0.0	0.0	0.9	0.8	1.4
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	2.7	0.0	0.0	0.1	0.0
Oth & Unspec Sites		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	3.0	1.0	1.4	0.0	0.0	0.2	0.3	0.7
All Sites		1.2	1.6	4.4	5.1	7.4	7.2	20.2	34.9	36.8	64.3	113.5	128.4	102.	117.6	119.5	136.3	33.7	35.3	74.4

Table 2(d): Average Annual Age Specific Crude Rate , Age Standardized Rate (ASR) and Truncated Rate (35-64 yrs) (TR) of Cancer per 100, 000 Population:
Visakhapatnam Rural, 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	ASR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	2.3	0.0	0.1	0.1	0.2
C01-C02	Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.3	2.4	3.0	3.5	0.8	0.0	4.5	3.3	0.7	0.7	1.9
C03-C06	Mouth	0.0	0.0	0.0	0.5	0.0	0.0	1.1	1.1	2.7	7.1	18.0	13.9	10.5	15.9	22.5	19.7	3.9	4.0	8.1
C07-C08	Saliv Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.3	0.8	0.0	0.0	0.0	0.0	0.0	3.3	0.2	0.2	0.5
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	1.2	0.0	0.0	0.1	0.1	0.3
C10	Oth.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.8	1.2	0.0	0.0	0.1	0.1	0.3
C11	Nasopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	1.0	0.0	0.0	0.0	2.3	0.0	0.1	0.1	0.2
C12-C13	Hypopharynx	0.0	0.0	0.0	0.0	0.0	1.4	0.6	3.8	1.3	8.6	4.0	4.6	3.2	1.2	6.8	3.3	1.8	1.7	4.3
C14	Pharynx	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.6	1.0	1.2	0.0	2.4	2.3	0.0	0.4	0.3	0.6
C15	Oesophagus	0.0	0.0	0.0	0.0	0.5	0.5	1.1	2.1	4.0	3.9	7.0	1.2	5.7	3.7	2.3	0.0	1.7	1.5	4.0
C16	Stomach	0.0	0.5	0.0	0.0	0.5	0.5	1.1	1.6	5.3	9.4	7.0	8.1	7.3	8.6	2.3	3.3	2.6	2.5	6.3
C17	Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.8	0.0	0.0	0.0	0.1	0.1	0.3
C18	Colon	0.0	0.0	0.0	0.0	0.0	0.5	1.1	0.5	2.0	0.0	5.0	3.5	0.8	0.0	2.3	0.0	0.7	0.7	1.8
C19-C20	Rectum	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.7	3.1	2.0	3.5	0.8	2.4	2.3	0.0	0.7	0.7	1.7
C21	Anus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.8	1.2	0.0	0.0	0.1	0.1	0.3
C22	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.6	0.0	9.0	6.6	0.4	0.4	0.4
C23-C24	Gall Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.7	0.8	0.0	2.3	0.0	1.2	2.3	0.0	0.4	0.3	0.8
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
C26	Oth. Dig.org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30-31	Nose & Sinus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C32	Larynx	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.5	0.7	0.0	3.0	0.0	0.8	1.2	2.3	0.0	0.4	0.4	0.8
C33-C34	Lung	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.5	1.3	0.0	7.0	3.5	2.4	4.9	2.3	3.3	1.1	1.0	2.3
37-38	Oth.Thorcic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.1	0.1	0.1
C40-C41	Bone	0.0	0.0	1.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	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	0.8	0.0	0.0	0.0	0.0	0.0	0.1
C44	Oth Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	2.0	0.0	0.8	1.2	2.3	0.0	0.3	0.3	0.7
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 Tiss. & PNS	0.0	0.0	0.0	0.5	0.0	0.5	1.1	1.1	0.0	0.0	1.0	1.2	0.8	1.2	0.0	0.0	0.4	0.4	0.6
C48	Retroperitoneu	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.1	0.1	0.2
C50	Breast	0.0	0.0	0.0	0.0	0.0	2.9	6.8	14.5	26.6	30.7	33.0	41.6	17.0	18.4	4.5	3.3	10.	9.6	26.8
c51	Vulva	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	1.2	2.4	0.0	0.0	0.0	0.3	0.3	0.9
C52	Vagina	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.3	2.4	3.0	5.8	0.8	2.4	4.5	0.0	0.8	0.8	2.0
C53	Cervix	0.0	0.0	0.0	0.5	0.5	0.5	9.6	19.3	42.5	56.6	71.1	94.7	46.2	38.0	51.8	26.3	20.	19.7	52.6
C54-C55	Corpus Uteri	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.5	0.0	1.6	1.0	2.3	2.4	1.2	0.0	0.0	0.5	0.5	1.2
C56	Ovary etc	0.0	0.0	0.0	2.4	0.9	0.5	1.1	4.3	3.3	7.1	8.0	16.2	4.9	8.6	4.5	0.0	3.0	2.9	6.8
C57	Oth.Fem.Gen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.1
C64	Kidney	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.6	0.0	0.0	0.0	1.2	0.0	0.0	0.2	0.2	0.3
C65	Renal Pelvis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.8	0.0	1.2	0.8	0.0	2.3	0.0	0.2	0.2	0.4
C68	Unspec.Urin.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	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	0.8	0.0	0.0	0.0	0.0	0.0	0.1
C70-C72	Brain & Nerv Sys	0.0	0.0	0.0	0.0	0.5	0.0	0.6	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
C73	Thyroid	0.0	0.0	0.0	1.0	1.4	3.3	1.1	1.1	1.3	0.0	4.0	4.6	1.6	1.2	2.3	0.0	1.3	1.2	1.9
C74	Adrenal Glands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C75	Oth. Endo.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
C77	Sec Lymph Node	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.3	2.4	3.0	0.0	2.4	1.2	0.0	3.3	0.7	0.6	1.7
C78	Sec Resp & Dig	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.2	0.8	1.2	0.0	0.0	0.2	0.2	0.4
C79	Oth Sec Org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	2.3	0.0	0.0	0.0	0.0	0.1	0.1	0.5
C81	Hodg.Dis	0.0	0.0	0.0	0.0	0.5	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.1	0.1	0.1
C82-C85 &	NHL	0.0	0.0	0.5	0.0	0.0	0.5	0.6	0.0	0.0	4.7	5.0	0.0	1.6	2.4	0.0	0.0	0.8	0.8	1.9
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	1.6	0.0	0.0	0.0	0.1	0.1	0.2
C91	Leuk Lymph.	0.6	1.1	1.0	0.0	0.0	0.0	0.0	0.5	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.2
C92-C94	Leuk Myeloid	0.0	0.0	0.0	1.0	0.9	0.0	1.1	0.5	1.3	1.6	3.0	1.2	0.0	1.2	0.0	0.0	0.7	0.7	1.3
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	1.3	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.2	0.2	0.3
All Sites		0.6	1.6	2.5	7.7	6.6	12.4	30.1	56.3	102.3	154.8	195.2	220.6	125.5	129.8	137.3	75.5	57.1	55.0	136.8

Table 2(e): Average Annual Age Specific Crude Rate , Age Standardized Rate (ASR) and Truncated Rate (35-64 yrs) (TR) of Cancer per 100, 000 Population:
Visakhapatnam Urban, 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	ASR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.1	0.1	0.2
C01-C02	Tongue	0.0	0.0	0.0	0.0	0.0	0.4	2.4	6.4	6.2	4.2	5.5	3.2	7.1	11.5	17.3	8.9	3.0	2.7	5.4
C03-C06	Mouth	0.0	0.0	0.0	0.0	0.5	0.4	2.4	3.9	6.2	7.2	3.2	9.5	10.7	9.6	20.2	26.7	3.5	3.4	6.4
C07-C08	Salivary Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	0.0	0.0	0.0	1.9	0.0	0.0	0.2	0.2	0.3
C09	Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.6	3.2	2.4	0.0	2.9	3.0	0.4	0.4	1.0
C10	Oth Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.9	0.0	0.0	0.1	0.1	0.1
C11	Nasopharynx	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.8	2.1	1.2	0.0	0.0	3.0	0.3	0.3	0.6
C12-C13	Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	2.4	3.2	6.3	2.4	9.6	11.6	11.9	1.5	1.6	2.5
C14	Pharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.6	1.6	2.1	3.6	5.8	0.0	3.0	0.6	0.6	1.2
C15	Oesophagus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.2	3.2	5.3	11.8	11.5	0.0	5.9	1.4	1.5	3.2
C16	Stomach	0.0	0.0	0.0	0.0	0.0	0.4	1.0	0.5	2.1	7.8	13.4	13.8	14.2	21.2	34.7	26.7	4.1	4.4	7.8
c17	Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.8	0.0	1.2	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	1.5	2.6	3.0	3.2	7.4	3.6	7.7	8.7	14.9	1.7	1.7	3.3
C19-C20	Rectum	0.0	0.0	0.0	0.0	0.0	0.4	0.0	1.5	1.0	1.2	2.4	2.1	8.3	5.8	14.4	11.9	1.4	1.5	2.4
C21	Anus	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	2.9	5.9	0.3	0.3	0.3
C22	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	1.2	3.2	2.1	2.4	9.6	2.9	11.9	0.9	1.0	1.4
C23-C24	Gall Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.6	0.8	4.2	2.4	1.9	2.9	0.0	0.5	0.5	1.2
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	1.8	1.6	4.2	2.4	3.8	2.9	3.0	0.7	0.7	1.5
c26	oth. Dig.org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.2	0.0	2.9	0.0	0.1	0.1	0.3
C30-C31	Nose & sinuses	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C32	Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	7.1	5.3	3.6	11.5	11.6	14.9	1.5	1.7	2.8
C33-C34	Lung	0.0	0.0	0.0	0.0	0.5	0.0	1.0	1.5	2.1	6.6	6.3	16.9	21.3	21.2	28.9	20.8	3.9	4.2	7.9
C37-C38	Oth Thorac 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
C40-C41	Bone	0.7	0.0	1.5	0.5	1.4	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.5	0.5	0.1
C43	Skin Melanoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.1	0.0
C44	Other Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	1.6	1.1	1.2	1.9	0.0	3.0	0.3	0.4	0.8
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 Tiss & PNS	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.6	1.6	2.1	2.4	1.9	5.8	3.0	0.6	0.6	1.0
C48	Retroperitoneu	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.2	0.0	0.0	0.0	0.1	0.1	0.3
C50	Breast	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.1	0.0	0.0	0.0	0.0	0.1	0.1	0.3
C60	Penis	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.5	1.5	1.2	1.6	1.1	3.6	7.7	0.0	0.0	0.8	0.8	1.5
C61	Prostate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.2	3.8	8.7	23.8	0.6	0.9	0.3
C62	Testis	0.0	0.0	0.0	0.5	0.9	0.0	0.0	0.5	0.5	1.2	0.0	0.0	0.0	1.9	0.0	0.0	0.3	0.3	0.4
C64	Kidney	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.1	3.6	0.0	0.0	0.0	0.3	0.3	0.9
C65	Renal Pevis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C66	Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C67	Urin. Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.2	3.8	5.8	5.9	0.3	0.4	0.2
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
C70-C72	Brain & Nerv	0.0	0.0	0.5	0.5	0.5	0.0	0.0	0.0	0.0	0.6	0.0	3.2	0.0	1.9	0.0	0.0	0.3	0.3	0.5
C73	Thyroid	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.5	1.8	1.6	3.2	1.2	1.9	0.0	3.0	0.6	0.5	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.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	3.2	4.2	3.6	3.8	8.7	0.0	0.8	0.8	1.7
C78	Sec Resp & Dig	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	3.6	1.9	0.0	0.0	0.2	0.2	0.6
C79	Oth Sec Org	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.5	0.6	0.0	0.0	0.0	1.9	2.9	0.0	0.2	0.2	0.2
C81	Hodg Dis	0.0	0.0	0.0	0.0	0.9	0.4	0.0	0.0	0.0	0.0	0.0	1.1	2.4	1.9	2.9	3.0	0.4	0.4	0.4
C82-C85 & C96	NHL	0.0	0.6	0.0	0.5	0.0	0.0	1.0	0.0	0.5	0.6	3.2	3.2	5.9	7.7	14.4	3.0	1.2	1.3	1.9
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	0.6	0.0	3.2	3.6	1.9	2.9	0.0	0.4	0.4	1.0
C91	Lymp Leuk	1.4	0.6	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.9	2.9	0.0	0.3	0.5	0.1
C92-C94	Myeloid Leuk	0.0	0.0	0.0	1.0	0.9	0.4	1.0	1.0	1.5	1.2	1.6	1.1	1.2	3.8	0.0	0.0	0.9	0.8	1.3
C95	Leukemia Uns	0.7	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
Oth & Unspec Sites		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	1.2	0.8	0.0	1.2	0.0	0.0	0.0	0.3	0.2	0.8
All Sites		2.8	1.2	3.6	3.5	5.7	4.9	12.1	22.0	30.2	54.4	77.4	117.5	136.2	186.6	222.5	217.0	35.7	37.5	65.9

Table 2(f): Average Annual Age Specific Crude Rate , Age Standardized Rate (ASR) and Truncated Rate (35-64 yrs) (TR) of Cancer per 100, 000 Population:
Visakhapatnam Urban, 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	ASR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0
C01-	Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.9	2.6	6.6	3.5	3.6	8.4	0.0	0.9	1.0	2.2
C03-	Mouth	0.0	0.0	0.0	0.0	0.0	0.4	1.0	0.9	0.5	1.3	5.3	15.3	11.7	14.4	2.8	0.0	2.0	2.1	4.9
C07-	Saliv Gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.0	0.0	1.2	1.8	0.0	0.0	0.2	0.2	0.4
C09	Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.6	0.9	1.1	0.0	0.0	0.0	0.0	0.2	0.2	0.4
C10	Oth.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.0	1.1	1.2	1.8	0.0	0.0	0.2	0.2	0.5
C11	Nasopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.9	1.1	0.0	0.0	0.0	0.0	0.1	0.1	0.4
C12-	Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.4	2.9	0.9	4.4	0.6	2.6	3.3	3.5	0.0	2.8	4.8	1.3	1.1	2.4
C14	Pharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.5	1.3	0.9	1.1	1.2	3.6	0.0	2.4	0.5	0.5	1.1
C15	Oesophagus	0.0	0.0	0.0	0.0	0.4	0.4	1.4	0.5	2.7	1.9	0.9	4.4	4.7	7.2	2.8	0.0	1.2	1.1	2.3
C16	Stomach	0.0	0.0	0.0	0.0	0.0	0.8	1.4	1.4	3.3	5.1	6.1	7.7	10.5	7.2	5.6	7.2	2.3	2.2	5.2
C17	Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	1.8	0.0	0.0	0.1	0.1	0.1
C18	Colon	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.6	2.6	3.3	5.9	3.6	2.8	7.2	0.9	0.9	1.8
C19-	Rectum	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.9	1.6	0.6	3.5	3.3	2.3	5.4	0.0	2.4	0.9	0.8	1.9
C21	Anus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.3	1.8	1.1	0.0	1.8	0.0	0.0	0.3	0.3	0.8
C22	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.9	1.1	1.2	0.0	0.0	0.0	0.2	0.2	0.5
C23-	Gall Bladder	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	1.3	0.0	2.2	2.3	1.8	8.4	2.4	0.5	0.6	0.8
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.9	2.2	4.7	0.0	0.0	0.0	0.4	0.4	1.4
C26	Oth. Dig.org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30-31	Nose & Sinus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
C32	Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.9	0.0	0.0	1.8	0.0	2.4	0.2	0.2	0.3
C33-	Lung	0.0	0.0	0.0	0.0	0.0	0.4	1.0	1.4	0.5	5.1	4.4	7.7	5.9	9.0	2.8	7.2	1.8	1.7	3.8
C40-	Bone	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.1	0.0	0.0	2.8	0.0	0.2	0.2	0.2
C43	Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
C44	Oth Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.1	2.3	1.8	2.8	2.4	0.3	0.3	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&C4	Soft Tiss& PNS	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.9	1.6	0.0	3.5	5.5	0.0	3.6	2.8	0.0	0.8	0.8	1.8
C48	Retroperitone	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.8	0.0	0.0	0.1	0.1	0.1
C50	Breast	0.0	0.0	0.0	0.0	0.4	1.2	6.2	10.9	22.9	39.0	32.5	55.8	39.8	46.8	72.7	24.1	14.0	13.7	31.7
C51	Vulva	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	5.6	4.8	0.3	0.3	0.2
C52	Vagina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.3	3.5	3.3	1.2	5.4	0.0	0.0	0.6	0.7	1.6
C53	Cervix	0.0	0.0	0.0	0.0	0.0	0.0	5.3	7.3	20.2	21.1	24.6	39.4	33.9	50.4	28.0	16.8	10.1	9.8	22.8
C54-	Corpus Uteri	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.5	2.6	1.8	4.4	5.9	12.6	8.4	4.8	1.3	1.4	2.4
C56	Ovary etc	0.0	0.0	0.0	0.0	0.4	2.0	1.0	3.2	4.4	8.9	6.1	12.0	8.2	5.4	16.8	4.8	3.1	3.0	6.8
C58	Placenta	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
C64	Kidney	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.3	0.9	4.4	1.2	0.0	0.0	0.0	0.5	0.5	1.3
C65	Renal Pelvis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	2.2	1.2	0.0	0.0	0.0	0.2	0.2	0.6
C70-	Brain & Nerv	1.5	0.0	0.0	0.5	0.4	0.4	0.0	0.0	0.0	0.6	1.8	1.1	0.0	3.6	0.0	2.4	0.5	0.6	0.5
C73	Thyroid	0.0	0.0	0.0	1.0	1.2	0.4	2.9	1.8	2.2	1.3	1.8	4.4	1.2	3.6	0.0	2.4	1.4	1.2	2.0
C74	Adrenal Glands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C77	Sec Lymph	0.0	0.0	0.0	0.0	0.4	0.8	0.0	0.0	1.1	3.2	1.8	2.2	2.3	0.0	2.8	2.4	0.8	0.7	1.7
C78	Sec Resp & Dig	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.1	0.1	0.1
C79	Oth Sec Org	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
C81	Hodg.Dis	0.0	0.0	0.0	0.5	1.2	0.0	0.5	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.1
C82-C85 &	NHL	0.0	0.0	0.6	0.0	0.4	0.0	0.5	0.9	0.5	1.3	0.0	5.5	3.5	5.4	2.8	2.4	0.9	0.9	1.7
C88	Immunopro.Di	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.5	0.6	0.9	2.2	2.3	0.0	0.0	0.0	0.3	0.3	1.0
C91	Leuk Lymph.	0.0	0.0	0.6	1.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.2	0.2	0.2
C92-	Leuk Myeloid	0.0	0.7	0.6	0.0	0.0	1.6	0.5	2.3	0.0	1.3	0.9	3.3	0.0	0.0	0.0	0.0	0.8	0.7	1.3
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	0.5	0.0	0.0	0.0	0.0	0.0	0.6	1.8	0.0	1.2	0.0	0.0	2.4	0.3	0.3	0.6
All Sites		2.9	0.7	2.8	3.6	6.2	9.8	25.3	38.2	73.8	110.5	119.4	212.1	163.9	207.0	181.7	108.2	51.2	50.2	110.8

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

ICD-10	SITE	Clinical	DCO	Microscopic	Radiological	Others	Total	%
C00	Lip	0	0	6	0	0	6	0.4
C01-C02	Tongue	0	0	137	0	1	138	8.8
C03-C06	Mouth	0	0	140	0	1	141	9.0
C07-C08	Salivary Gland	0	0	8	0	0	8	0.5
C09	Tonsil	0	0	20	0	0	20	1.3
C10	Oth Oropharynx	0	0	7	0	0	7	0.4
C11	Nasopharynx	0	0	14	0	0	14	0.9
C12-C13	Hypopharynx	0	0	68	1	0	69	4.4
C14	Pharynx	0	0	27	0	1	28	1.8
C15	Oesophagus	0	0	57	2	0	59	3.8
C16	Stomach	1	0	190	1	1	193	12.3
c17	Small Intestine	0	0	5	0	0	5	0.3
C18	Colon	0	0	62	0	0	62	3.9
C19-C20	Rectum	0	0	57	0	1	58	3.7
C21	Anus	0	0	10	0	0	10	0.6
C22	Liver	0	0	34	1	0	35	2.2
C23-C24	Gall Bladder	0	0	18	0	0	18	1.1
C25	Pancreas	0	0	21	0	0	21	1.3
c26	Oth. Dig.org	0	0	3	0	0	3	0.2
C30-C31	Nose & sinuses	0	0	3	0	0	3	0.2
C32	Larynx	0	0	65	1	0	66	4.2
C33-C34	Lung	0	0	137	2	3	142	9.0
C37-C38	Oth Thorac Org	0	0	0	0	0	0	0.0
C40-C41	Bone	0	0	19	1	0	20	1.3
C43	Skin Melanoma	0	0	5	0	0	5	0.3
C44	Other Skin	0	0	18	0	0	18	1.1
C45	Mesothelioma	0	0	0	0	0	0	0.0
C47&C49	Soft Tiss & PNS	1	0	27	0	0	28	1.8
C48	Retroperitoneu	0	0	5	0	0	5	0.3
C50	Breast	0	0	4	0	1	5	0.3
C60	Penis	0	0	45	0	0	45	2.9
C61	Prostate	0	0	25	1	1	27	1.7
C62	Testis	0	0	17	0	1	18	1.1
C63	Oth. Male gen	0	0	1	0	0	1	0.1
C64	Kidney	0	0	18	1	0	19	1.2
C65	Renal Pevis	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0.0
C67	Urin. Bladder	0	0	18	0	1	19	1.2
C68	Unspc Urin. Org	0	0	0	0	0	0	0.0
C69	Eye	0	0	1	0	0	1	0.1
C70-C72	Brain & Nerv Sys	0	0	18	0	3	21	1.3
C73	Thyroid	0	0	32	0	0	32	2.0
C74	Adrenal gland	0	0	1	0	0	1	0.1
C75	oth. Endo. Gland	0	0	0	0	0	0	0.0
C77	Sec Lymph Node	1	0	36	0	0	37	2.4
C78	Sec Resp & Dig	0	0	8	3	0	11	0.7
C79	Oth Sec Org	0	0	8	0	0	8	0.5
C81	Hodg Dis	1	0	18	0	0	19	1.2
C82-C85 & C96	NHL	0	0	44	0	0	44	2.8
C88	Immunopro. Dis	0	0	0	0	0	0	0.0
C90	Myeloma	0	0	16	0	0	16	1.0
C91	Lymp Leuk	0	1	12	0	0	13	0.8
C92-C94	Myeloid Leuk	0	0	39	0	0	39	2.5
C95	Leukemia Uns	0	0	3	0	0	3	0.2
Oth & Unspec Sites		0	0	12	0	0	12	0.8
All Sites		4	1	1539	14	15	1573	100.0
%		0.3	0.1	97.8	0.9	1.0	100.0	

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

ICD-10	SITE	Clinical	DCO	Microscopic	Radiological	Others	Total	%
C00	Lip	0	0	3	0	0	3	0.1
C01-C02	Tongue	0	0	36	0	1	37	1.5
C03-C06	Mouth	0	0	137	0	0	137	5.5
C07-C08	Saliv Gland	0	0	9	0	0	9	0.4
C09	Tonsil	0	0	7	0	0	7	0.3
C10	Oth. Oropharynx	0	0	7	0	1	8	0.3
C11	Nasopharynx	0	0	6	0	0	6	0.2
C12-C13	Hypopharynx	0	0	70	0	1	71	2.8
C14	Pharynx	0	0	20	0	0	20	0.8
C15	Oesophagus	1	0	65	0	0	66	2.6
C16	Stomach	0	0	113	0	1	114	4.6
C17	Small Intestine	0	0	4	0	0	4	0.2
C18	Colon	0	0	37	0	0	37	1.5
C19-C20	Rectum	0	0	35	1	0	36	1.4
C21	Anus	0	0	10	0	0	10	0.4
C22	Liver	0	0	12	0	1	13	0.5
C23-C24	Gall Bladder	0	0	18	1	1	20	0.8
C25	Pancreas	1	0	10	0	0	11	0.4
C26	Oth. Dig.org	0	0	0	0	0	0	0.0
C30-C31	Nose & Sinus	0	0	1	0	0	1	0.0
C32	Larynx	0	0	14	0	0	14	0.6
C33-C34	Lung	0	0	65	0	0	65	2.6
C37-C38	Oth.Thorcic	0	0	2	0	0	2	0.1
C40-C41	Bone	0	0	8	0	0	8	0.3
C43	Skin Melanoma	0	0	2	0	0	2	0.1
C44	Oth Skin	0	0	14	0	0	14	0.6
C45	Mesothelioma	0	0		0	0	0	0.0
C47&C49	Soft Tiss. & PNS	0	0	28	0	0	28	1.1
C48	Retroperitoneum	0	0	4	0	0	4	0.2
C50	Breast	0	0	550	4	6	560	22.4
C51	Vulva	1	0	11	1	0	13	0.5
C52	Vagina	0	0	34	0	0	34	1.4
C53	Cervix	1	2	678	3	15	699	27.9
C54-C55	Corpus Uteri	0	0	41	0	1	42	1.7
C56	Ovary etc	1	0	132	4	5	142	5.7
C57	Oth.Fem.Gen	0	0	1	0	0	1	0.0
C58	Placenta	0	0	2	0	0	2	0.1
C64	Kidney	0	0	15	0	0	15	0.6
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	6	0	2	8	0.3
C68	Unspec.Urin. Org	0	0	1	0	0	1	0.0
C69	Eye	0	0	1	0	0	1	0.0
C70-C72	Brain & Nerv Sys	0	0	13	2	0	15	0.6
C73	Thyroid	0	0	60	2	0	62	2.5
C74	Adrenal Glands	0	0	0	0	0	0	0.0
C75	Oth. Endo. Gland	0	0	1	0	0	1	0.0
C77	Sec Lymph Node	0	0	32	0	1	33	1.3
C78	Sec Resp & Dig	0	0	6	0	1	7	0.3
C79	Oth Sec Org	0	0	5	0	0	5	0.2
C81	Hodg.Dis	1	0	8	0	0	9	0.4
C82-C85 &	NHL	1	0	38	0	0	39	1.6
C88	Immunopro.Dis	0	0	0	0	0	0	0.0
C90	Myeloma	0	0	9	0	0	9	0.4
C91	Leuk Lymph.	0	0	12	0	0	12	0.5
C92-C94	Leuk Myeloid	0	0	34	0	0	34	1.4
C95	Leukemia Uns	0	0	0	0	0	0	0.0
Other & Unspecified Sites		0	0	0	0	1	10	0.4
All Sites		7	2	2436	18	38	2501	100.0
%		0.3	0.1	97.4	0.7	1.5	100.0	

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

ICD-10	SITE	Unmarrie	Marrie	Wido	Divorce	Separate	Other	Un	Total	%
C00	Lip	0	6	0	0	0	0	0	6	0.4
C01-C02	Tongue	2	133	1	1	0	0	1	138	8.8
C03-C06	Mouth	3	132	0	0	0	0	6	141	9.0
C07-C08	Salivary Gland	1	7	0	0	0	0	0	8	0.5
C09	Tonsil	2	18	0	0	0	0	0	20	1.3
C10	Oth Oropharynx	1	6	0	0	0	0	0	7	0.4
C11	Nasopharynx	1	13	0	0	0	0	0	14	0.9
C12-C13	Hypopharynx	0	69	0	0	0	0	0	69	4.4
C14	Pharynx	0	28	0	0	0	0	0	28	1.8
C15	Oesophagus	0	57	0	0	0	0	2	59	3.8
C16	Stomach	3	183	0	0	0	1	6	193	12.3
C17	Small Intestine	0	5	0	0	0	0	0	5	0.3
C18	Colon	0	59	1	0	0	0	2	62	3.9
C19-C20	Rectum	6	48	0	0	0	0	4	58	3.7
C21	Anus	0	10	0	0	0	0	0	10	0.6
C22	Liver	0	35	0	0	0	0	0	35	2.2
C23-C24	Gall Bladder	0	17	0	0	0	0	1	18	1.1
C25	Pancreas	0	21	0	0	0	0	0	21	1.3
C26	oth. Dig.org	0	3	0	0	0	0	0	3	0.2
C30-C31	Nose & sinuses	0	3	0	0	0	0	0	3	0.2
C32	Larynx	0	66	0	0	0	0	0	66	4.2
C33-C34	Lung	1	139	0	0	0	0	2	142	9.0
C37-C38	Oth Thorac Org	0	0	0	0	0	0	0	0	0.0
C40-C41	Bone	12	7	0	0	0	0	1	20	1.3
C43	Skin Melanoma	0	5	0	0	0	0	0	5	0.3
C44	Other Skin	0	17	0	0	0	0	1	18	1.1
C45	Mesothelioma	0	0	0	0	0	0	0	0	0.0
C47&C49	Soft Tiss & PNS	2	24	0	0	0	0	2	28	1.8
C48	Retroperitoneum	0	5	0	0	0	0	0	5	0.3
C50	Breast	1	4	0	0	0	0	0	5	0.3
C60	Penis	0	42	0	0	1	0	2	45	2.9
C61	Prostate	0	27	0	0	0	0	0	27	1.7
C62	Testis	6	12	0	0	0	0	0	18	1.1
C63	oth. Male gen	0	1	0	0	0	0	0	1	0.1
C64	Kidney	0	17	0	0	1	0	1	19	1.2
C65	Renal Pevis	0	0	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0	0	0.0
C67	Urin. Bladder	1	17	0	0	0	0	1	19	1.2
C68	Unspc urin. Org	0	0	0	0	0	0	0	0	0.0
C69	Eye	0	1	0	0	0	0	0	1	0.1
C70-C72	Brain & Nerv Sys	6	15	0	0	0	0	0	21	1.3
C73	Thyroid	1	30	0	0	0	0	1	32	2.0
C74	Adrenal gland	0	1	0	0	0	0	0	1	0.1
C75	oth. Endo. Gland	0	0	0	0	0	0	0	0	0.0
C77	Sec Lymph Node	0	36	0	0	0	0	1	37	2.4
C78	Sec Resp & Dig	0	11	0	0	0	0	0	11	0.7
C79	Oth Sec Org	1	7	0	0	0	0	0	8	0.5
C81	Hodg Dis	3	14	0	0	0	0	2	19	1.2
C82-C85 & C96	NHL	6	36	0	0	0	0	2	44	2.8
C88	Immunopro. Dis	0	0	0	0	0	0	0	0	0.0
C90	Myeloma	0	16	0	0	0	0	0	16	1.0
C91	Lymp Leuk	6	5	0	0	0	1	1	13	0.8
C92-C94	Myeloid Leuk	6	32	0	0	0	0	1	39	2.5
C95	Leukemia Uns	2	1	0	0	0	0	0	3	0.2
Oth & Unspec Sites		0	12	0	0	0	0	0	12	0.8
Grand Total		73	1453	2	1	2	2	40	1573	100.0
%		4.6	92.4	0.1	0.1	0.1	0.1	2.5	100.0	

Table 4(b): Number of Incident Cancers by Site and Marital Status (ICD-10):

Visakhapatnam , Year: 2015-16 Female

ICD-10	SITE	Unmarried	Married	Widow	Divorced	Separated	Others	Unk	Total	%
C00	Lip	0	2	1	0	0	0	0	3	0.1
C01-C02	Tongue	0	34	2	0	0	0	1	37	1.5
C03-C06	Mouth	2	127	5	0	0	0	3	137	5.5
C07-C08	Saliv Gland	0	9	0	0	0	0	0	9	0.4
C09	Tonsil	0	7	0	0	0	0	0	7	0.3
C10	Oth. Oropharynx	0	7	0	0	0	0	1	8	0.3
C11	Nasopharynx	1	5	0	0	0	0	0	6	0.2
C12-C13	Hypopharynx	2	60	6	0	0	0	3	71	2.8
C14	Pharynx	0	20	0	0	0	0	0	20	0.8
C15	Oesophagus	4	59	3	0	0	0	0	66	2.6
C16	Stomach	0	109	5	0	0	0	0	114	4.6
C17	Small Intestine	0	4	0	0	0	0	0	4	0.2
C18	Colon	0	31	4	0	0	0	2	37	1.5
C19-C20	Rectum	0	33	1	0	1	0	1	36	1.4
C21	Anus	0	10	0	0	0	0	0	10	0.4
C22	Liver	0	11	2	0	0	0	0	13	0.5
C23-C24	Gall Bladder	0	18	2	0	0	0	0	20	0.8
C25	Pancreas	0	10	1	0	0	0	0	11	0.4
C26	Oth. Dig.org	0	0	0	0	0	0	0	0	0.0
30-31	Nose & Sinus	0	1	0	0	0	0	0	1	0.0
C32	Larynx	0	14	0	0	0	0	0	14	0.6
C33-C34	Lung	1	60	2	0	0	0	2	65	2.6
37-38	Oth.Thoracic	0	1	1	0	0	0	0	2	0.1
C40-C41	Bone	4	1	2	0	0	0	1	8	0.3
C43	Skin Melanoma	0	2	0	0	0	0	0	2	0.1
C44	Oth Skin	0	14	0	0	0	0	0	14	0.6
C45	Mesothelioma	0	0	0	0	0	0	0	0	0.0
C47&C49	Soft Tiss. & PNS	2	25	0	0	0	0	1	28	1.1
C48	Retroperitoneum	0	4	0	0	0	0	0	4	0.2
C50	Breast	8	514	25	2	1	0	10	560	22.4
C51	Vulva	0	12	1	0	0	0	0	13	0.5
C52	Vagina	0	32	1	0	0	0	1	34	1.4
C53	Cervix	2	649	32	0	1	0	15	699	27.9
C54-C55	Corpus Uteri	2	33	6	0	0	1	0	42	1.7
C56	Ovary etc	9	125	6	0	0	0	2	142	5.7
C57	Oth.Fem.Gen	0	0	1	0	0	0	0	1	0.0
C58	Placenta	0	2	0	0	0	0	0	2	0.1
C64	Kidney	0	14	0	0	0	0	1	15	0.6
C65	Renal Pelvis	0	0	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0	0	0.0
C67	Urinary Bladder	0	6	2	0	0	0	0	8	0.3
C68	Unspec.Urin. Org	0	1	0	0	0	0	0	1	0.0
C69	Eye	0	1	0	0	0	0	0	1	0.0
C70-C72	Brain & Nerv Sys	4	10	0	0	0	0	1	15	0.6
C73	Thyroid	7	55	0	0	0	0	0	62	2.5
C74	Adrenal Glands	0	0	0	0	0	0	0	0	0.0
C75	Oth. Endo. Gland	0	1	0	0	0	0	0	1	0.0
C77	Sec Lymph Node	3	28	2	0	0	0	0	33	1.3
C78	Sec Resp & Dig	0	7	0	0	0	0	0	7	0.3
C79	Oth Sec Org	1	4	0	0	0	0	0	5	0.2
C81	Hodg.Dis	2	6	0	0	0	0	1	9	0.4
C82-C85	NHL	3	33	1	0	0	0	2	39	1.6
C88	Immunopro.Dis	0	0	0	0	0	0	0	0	0.0
C90	Myeloma	0	9	0	0	0	0	0	9	0.4
C91	Leuk Lymph.	8	3	1	0	0	0	0	12	0.5
C92-C94	Leuk Myeloid	4	28	0	0	0	0	2	34	1.4
C95	Leukemia Uns	0	0	0	0	0	0	0	0	0.0
Other & Unspecified Sites		1	8	1	0	0	0	0	10	0.4
All Sites		70	2259	116	2	3	1	50	2501	100.0
%		2.8	90.3	4.6	0.1	0.1	0.0	2.0	100.0	

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

ICD-10	SITE	Hindi	Telgu	Urdu	Other	Unk	Total	%
C00	Lip	0	6	0	0	0	6	0.4
C01-C02	Tongue	0	138	0	0	0	138	8.8
C03-C06	Mouth	1	136	2	0	2	141	9.0
C07-C08	Salivary Gland	0	8	0	0	0	8	0.5
C09	Tonsil	0	20	0	0	0	20	1.3
C10	Oth Oropharynx	0	7	0	0	0	7	0.4
C11	Nasopharynx	0	14	0	0	0	14	0.9
C12-C13	Hypopharynx	0	68	0	0	1	69	4.4
C14	Pharynx	1	27	0	0	0	28	1.8
C15	Oesophagus	0	58	0	0	1	59	3.8
C16	Stomach	2	187	0	0	4	193	12.3
c17	Small Intestine	0	5	0	0	0	5	0.3
C18	Colon	0	60	0	0	2	62	3.9
C19-C20	Rectum	1	53	0	0	4	58	3.7
C21	Anus	0	9	1	0	0	10	0.6
C22	Liver	0	35	0	0	0	35	2.2
C23-C24	Gall Bladder	0	16	0	1	1	18	1.1
C25	Pancreas	0	21	0	0	0	21	1.3
c26	oth. Dig.org	0	3	0	0	0	3	0.2
C30-C31	Nose & sinuses	0	3	0	0	0	3	0.2
C32	Larynx	0	64	1	0	1	66	4.2
C33-C34	Lung	0	138	0	0	4	142	9.0
C37-C38	Oth Thorac Org	0	0	0	0	0	0	0.0
C40-C41	Bone	0	20	0	0	0	20	1.3
C43	Skin Melanoma	0	5	0	0	0	5	0.3
C44	Other Skin	0	17	0	0	1	18	1.1
C45	Mesothelioma	0	0	0	0	0	0	0.0
C47&C49	Soft Tiss & PNS	0	25	1	0	2	28	1.8
C48	Retroperitoneum	0	5	0	0	0	5	0.3
C50	Breast	0	5	0	0	0	5	0.3
C60	Penis	1	41	0	0	3	45	2.9
C61	Prostate	0	27	0	0	0	27	1.7
C62	Testis	1	16	0	1	0	18	1.1
C63	oth. Male gen	0	1	0	0	0	1	0.1
C64	Kidney	1	18	0	0	0	19	1.2
C65	Renal Pevis	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0.0
C67	Urin. Bladder	0	18	0	0	1	19	1.2
C68	Unspc urin. Org	0	0	0	0	0	0	0.0
C69	Eye	0	1	0	0	0	1	0.1
C70-C72	Brain & Nerv Sys	0	21	0	0	0	21	1.3
C73	Thyroid	0	30	1	0	1	32	2.0
C74	Adrenal gland	0	1	0	0	0	1	0.1
C75	oth. Endo. Gland	0	0	0	0	0	0	0.0
C77	Sec Lymph Node	0	37	0	0	0	37	2.4
C78	Sec Resp & Dig	0	11	0	0	0	11	0.7
C79	Oth Sec Org	0	8	0	0	0	8	0.5
C81	Hodg Dis	0	18	0	0	1	19	1.2
C82-C85 &	NHL	0	42	0	1	1	44	2.8
C88	Immunopro. Dis	0	0	0	0	0	0	0.0
C90	Myeloma	0	16	0	0	0	16	1.0
C91	Lymp Leuk	0	13	0	0	0	13	0.8
C92-C94	Myeloid Leuk	0	38	0	0	1	39	2.5
C95	Leukemia Uns	0	3	0	0	0	3	0.2
Oth & Unspec Sites		0	12	0	0	0	12	0.8
All Sites		8	1525	6	3	31	1573	100.0
%		0.5	96.9	0.4	0.2	2.0	100.0	

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

ICD-10	SITE	Hindi	Telgu	Urdu	Other	Unk	Total	%
C00	Lip	0	3	0	0	0	3	0.1
C01-C02	Tongue	0	35	1	0	1	37	1.5
C03-C06	Mouth	0	132	1	0	4	137	5.5
C07-C08	Saliv Gland	0	9	0	0	0	9	0.4
C09	Tonsil	0	7	0	0	0	7	0.3
C10	Oth. Oropharynx	0	7	0	0	1	8	0.3
C11	Nasopharynx	0	6	0	0	0	6	0.2
C12-C13	Hypopharynx	0	68	0	0	3	71	2.8
C14	Pharynx	0	20	0	0	0	20	0.8
C15	Oesophagus	1	64	1	0	0	66	2.6
C16	Stomach	0	111	1	0	2	114	4.6
C17	Small Intestine	0	4	0	0	0	4	0.2
C18	Colon	0	36	1	0	0	37	1.5
C19-C20	Rectum	0	35	0	0	1	36	1.4
C21	Anus	0	10	0	0	0	10	0.4
C22	Liver	0	13	0	0	0	13	0.5
C23-C24	Gall Bladder	0	18	1	0	1	20	0.8
C25	Pancreas	0	11	0	0	0	11	0.4
C26	Oth. Dig.org	0	0	0	0	0	0	0.0
30-31	Nose & Sinus	0	1	0	0	0	1	0.0
C32	Larynx	2	12	0	0	0	14	0.6
C33-C34	Lung	0	63	0	1	1	65	2.6
37-38	Oth.Thorcic	0	2	0	0	0	2	0.1
C40-C41	Bone	0	7	0	0	1	8	0.3
C43	Skin Melanoma	0	2	0	0	0	2	0.1
C44	Oth Skin	0	14	0	0	0	14	0.6
C45	Mesothelioma	0	0	0	0	0	0	0.0
C47&C49	Soft Tiss. & PNS	0	28	0	0	0	28	1.1
C48	Retroperitoneum	0	4	0	0	0	4	0.2
C50	Breast	0	544	2	1	13	560	22.4
c51	Vulva	0	13	0	0	0	13	0.5
C52	Vagina	0	33	0	0	1	34	1.4
C53	Cervix	1	680	2	1	15	699	27.9
C54-C55	Corpus Uteri	0	40	2	0	0	42	1.7
C56	Ovary etc	0	137	3	0	2	142	5.7
C57	Oth.Fem.Gen	0	1	0	0	0	1	0.0
C58	Placenta	0	2	0	0	0	2	0.1
C64	Kidney	0	15	0	0	0	15	0.6
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	8	0	0	0	8	0.3
C68	Unspec.Urin. Org	0	1	0	0	0	1	0.0
C69	Eye	0	1	0	0	0	1	0.0
C70-C72	Brain & Nerv Sys	0	14	1	0	0	15	0.6
C73	Thyroid	0	62	0	0	0	62	2.5
C74	Adrenal Glands	0	0	0	0	0	0	0.0
C75	Oth. Endo. Gland	0	1	0	0	0	1	0.0
C77	Sec Lymph Node	0	32	1	0	0	33	1.3
C78	Sec Resp & Dig	0	7	0	0	0	7	0.3
C79	Oth Sec Org	0	5	0	0	0	5	0.2
C81	Hodg.Dis	0	9	0	0	0	9	0.4
C82-C85 &	NHL	0	36	0	0	3	39	1.6
C88	Immunopro.Dis	0	0	0	0	0	0	0.0
C90	Myeloma	0	9	0	0	0	9	0.4
C91	Leuk Lymph.	0	10	0	0	2	12	0.5
C92-C94	Leuk Myeloid	0	34	0	0	0	34	1.4
C95	Leukemia Uns	0	0	0	0	0	0	0.0
Other & Unspecified Sites		0	10	0	0	0	10	0.4
All Sites		4	2426	17	3	51	2501	100.0
%		0.2	97.0	0.7	0.1	2.0	100.0	

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

ICD	SITE	Hindu	Muslim	Christian	Sikh	Parsi	Others	Unk	Total	%
C00	Lip	6	0	0	0	0	0	0	6	0.4
C01-C02	Tongue	137	0	0	0	0	1	0	138	8.8
C03-C06	Mouth	136	2	0	0	1	0	2	141	9.0
C07-C08	Salivary Gland	8	0	0	0	0	0	0	8	0.5
C09	Tonsil	20	0	0	0	0	0	0	20	1.3
C10	Oth Oropharynx	7	0	0	0	0	0	0	7	0.4
C11	Nasopharynx	14	0	0	0	0	0	0	14	0.9
C12-C13	Hypopharynx	66	1	1	0	0	0	1	69	4.4
C14	Pharynx	27	0	0	1	0	0	0	28	1.8
C15	Oesophagus	58	0	0	0	0	0	1	59	3.8
C16	Stomach	183	3	1	1	0	0	5	193	12.3
c17	Small Intestine	5	0	0	0	0	0	0	5	0.3
C18	Colon	58	1	1	0	0	0	2	62	3.9
C19-C20	Rectum	53	1	0	0	0	0	4	58	3.7
C21	Anus	8	1	0	0	0	0	1	10	0.6
C22	Liver	34	0	0	0	1	0	0	35	2.2
C23-C24	Gall Bladder	15	0	0	1	0	0	2	18	1.1
C25	Pancreas	21	0	0	0	0	0	0	21	1.3
c26	oth. Dig.org	3	0	0	0	0	0	0	3	0.2
C30-C31	Nose & sinuses	3	0	0	0	0	0	0	3	0.2
C32	Larynx	63	2	0	0	0	0	1	66	4.2
C33-C34	Lung	135	2	1	0	0	0	4	142	9.0
C37-C38	Oth Thorac Org	0	0	0	0	0	0	0	0	0.0
C40-C41	Bone	19	1	0	0	0	0	0	20	1.3
C43	Skin Melanoma	5	0	0	0	0	0	0	5	0.3
C44	Other Skin	17	0	0	0	0	0	1	18	1.1
C45	Mesothelioma	0	0	0	0	0	0	0	0	0.0
C47&C49	Soft Tiss & PNS	25	1	0	0	0	0	2	28	1.8
C48	Retroperitoneum	5	0	0	0	0	0	0	5	0.3
C50	Breast	5	0	0	0	0	0	0	5	0.3
C60	Penis	41	1	0	0	0	0	3	45	2.9
C61	Prostate	27	0	0	0	0	0	0	27	1.7
C62	Testis	17	1	0	0	0	0	0	18	1.1
C63	oth. Male gen	1	0	0	0	0	0	0	1	0.1
C64	Kidney	17	1	0	0	0	0	1	19	1.2
C65	Renal Pevis	0	0	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0	0	0.0
C67	Urin. Bladder	17	0	1	0	0	0	1	19	1.2
C68	Unspc urin. Org	0	0	0	0	0	0	0	0	0.0
C69	Eye	1	0	0	0	0	0	0	1	0.1
C70-C72	Brain & Nerv Sys	20	0	0	0	0	0	1	21	1.3
C73	Thyroid	30	1	0	0	0	0	1	32	2.0
C74	Adrenal gland	1	0	0	0	0	0	0	1	0.1
C75	oth. Endo. Gland	0	0	0	0	0	0	0	0	0.0
C77	Sec Lymph Node	35	1	0	0	0	0	1	37	2.4
C78	Sec Resp & Dig	11	0	0	0	0	0	0	11	0.7
C79	Oth Sec Org	8	0	0	0	0	0	0	8	0.5
C81	Hodg Dis	17	1	0	0	0	0	1	19	1.2
C82-C85 &	NHL	42	0	0	1	0	0	1	44	2.8
C88	Immunopro. Dis	0	0	0	0	0	0	0	0	0.0
C90	Myeloma	15	1	0	0	0	0	0	16	1.0
C91	Lymp Leuk	12	0	0	0	0	0	1	13	0.8
C92-C94	Myeloid Leuk	38	0	0	0	0	0	1	39	2.5
C95	Leukemia Uns	3	0	0	0	0	0	0	3	0.2
Oth & Unspec Sites		12	0	0	0	0	0	0	12	0.8
All Sites		1501	22	5	4	2	1	38	1573	100.0
%		95.4	1.4	0.3	0.3	0.1	0.1	2.4	100.0	

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

ICD-10	Site	Hindu	Muslim	Christian	Sikh	Parsi	Others	Unk	Total	%
C00	Lip	3	0	0	0	0	0	0	3	0.1
C01-C02	Tongue	35	1	0	0	0	0	1	37	1.5
C03-C06	Mouth	131	1	0	0	0	0	5	137	5.5
C07-C08	Saliv Gland	9	0	0	0	0	0	0	9	0.4
C09	Tonsil	7	0	0	0	0	0	0	7	0.3
C10	Oth. Oropharynx	7	0	0	0	0	0	1	8	0.3
C11	Nasopharynx	6	0	0	0	0	0	0	6	0.2
C12-C13	Hypopharynx	68	0	0	0	0	0	3	71	2.8
C14	Pharynx	20	0	0	0	0	0	0	20	0.8
C15	Oesophagus	62	3	1	0	0	0	0	66	2.6
C16	Stomach	108	4	0	0	0	0	2	114	4.6
C17	Small Intestine	4	0	0	0	0	0	0	4	0.2
C18	Colon	34	1	0	0	0	0	2	37	1.5
C19-C20	Rectum	31	0	1	0	0	0	4	36	1.4
C21	Anus	10	0	0	0	0	0	0	10	0.4
C22	Liver	12	0	0	0	0	0	1	13	0.5
C23-C24	Gall Bladder	18	1	0	0	0	0	1	20	0.8
C25	Pancreas	10	0	0	0	0	0	1	11	0.4
C26	Oth. Dig.org	0	0	0	0	0	0	0	0	0.0
30-31	Nose & Sinus	1	0	0	0	0	0	0	1	0.0
C32	Larynx	12	2	0	0	0	0	0	14	0.6
C33-C34	Lung	63	1	0	0	0	0	1	65	2.6
37-38	Oth.Thoracic	2	0	0	0	0	0	0	2	0.1
C40-C41	Bone	7	0	0	0	0	0	1	8	0.3
C43	Skin Melanoma	2	0	0	0	0	0	0	2	0.1
C44	Oth Skin	13	1	0	0	0	0	0	14	0.6
C45	Mesothelioma	0	0	0	0	0	0	0	0	0.0
C47&C49	Soft Tiss. & PNS	28	0	0	0	0	0	0	28	1.1
C48	Retroperitoneum	4	0	0	0	0	0	0	4	0.2
C50	Breast	531	5	7	0	0	0	17	560	22.4
c51	Vulva	13	0	0	0	0	0	0	13	0.5
C52	Vagina	32	1	0	0	0	0	1	34	1.4
C53	Cervix	671	5	4	0	0	0	19	699	27.9
C54-C55	Corpus Uteri	40	2	0	0	0	0	0	42	1.7
C56	Ovary etc	134	5	1	0	0	0	2	142	5.7
C57	Oth.Fem.Gen	1	0	0	0	0	0	0	1	0.0
C58	Placenta	2	0	0	0	0	0	0	2	0.1
C64	Kidney	15	0	0	0	0	0	0	15	0.6
C65	Renal Pelvis	0	0	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0	0	0.0
C67	Urinary Bladder	8	0	0	0	0	0	0	8	0.3
C68	Unspec.Urin. Org	1	0	0	0	0	0	0	1	0.0
C69	Eye	1	0	0	0	0	0	0	1	0.0
C70-C72	Brain & Nerv Sys	14	1	0	0	0	0	0	15	0.6
C73	Thyroid	59	1	1	0	0	0	1	62	2.5
C74	Adrenal Glands	0	0	0	0	0	0	0	0	0.0
C75	Oth. Endo. Gland	1	0	0	0	0	0	0	1	0.0
C77	Sec Lymph Node	32	1	0	0	0	0	0	33	1.3
C78	Sec Resp & Dig Org	7	0	0	0	0	0	0	7	0.3
C79	Oth Sec Org	5	0	0	0	0	0	0	5	0.2
C81	Hodg.Dis	8	0	0	0	0	0	1	9	0.4
C82-C85 & C96	NHL	36	0	0	0	0	0	3	39	1.6
C88	Immunopro.Dis	0	0	0	0	0	0	0	0	0.0
C90	Myeloma	9	0	0	0	0	0	0	9	0.4
C91	Leuk Lymph.	10	1	0	0	0	0	1	12	0.5
C92-C94	Leuk Myeloid	32	1	1	0	0	0	0	34	1.4
C95	Leukemia Uns	0	0	0	0	0	0	0	0	0.0
Other & Unspecified Sites		10	0	0	0	0	0	0	10	0.4
All Sites		2379	38	16	0	0	0	68	2501	100.0
%		95.1	1.5	0.6	0.0	0.0	0.0	2.7	100.0	

Table 7(a): Number of Incident Cancers by Site(ICD-10) and Education :
Visakhapatnam Year: 2015-16-Male

ICD	SITE	<5yr	Illiterate	Literate	Primary	Middle	Secondary	Technical	College & Abv	Others	Unk	Total	%
C00	Lip	0	2	1	0	0	1	0	0	0	2	6	0.4
C01-C02	Tongue	0	58	30	3	5	10	3	4	0	25	138	8.8
C03-C06	Mouth	0	60	30	3	5	8	3	6	0	26	141	9.0
C07-C08	Salivary Gland	0	3	2	0	0	1	0	1	0	1	8	0.5
C09	Tonsil	0	13	3	2	0	1	0	0	0	1	20	1.3
C10	Oth Oropharynx	0	6	1	0	0	0	0	0	0	0	7	0.4
C11	Nasopharynx	0	5	3	0	2	1	0	1	0	2	14	0.9
C12-C13	Hypopharynx	0	34	5	2	7	8	1	3	1	8	69	4.4
C14	Pharynx	0	21	2	0	1	3	0	0	0	1	28	1.8
C15	Oesophagus	0	28	9	2	3	2	1	4	0	10	59	3.8
C16	Stomach	0	81	37	9	10	8	2	9	0	37	193	12.3
C17	Small Intestine	0	2	2	0	0	0	0	0	0	1	5	0.3
C18	Colon	0	15	13	4	1	8	5	11	0	5	62	3.9
C19-C20	Rectum	0	17	11	1	5	3	1	7	0	13	58	3.7
C21	Anus	0	1	1	1	0	1	1	2	0	3	10	0.6
C22	Liver	0	9	11	0	5	1	0	5	0	4	35	2.2
C23-C24	Gall Bladder	0	4	5	0	1	1	1	3	0	3	18	1.1
C25	Pancreas	0	4	6	1	2	1	1	2	1	3	21	1.3
C26	Oth. Dig.org	0	1	1	0	0	0	1	0	0	0	3	0.2
C30-C31	Nose & sinuses	0	0	1	0	0	0	0	1	0	1	3	0.2
C32	Larynx	0	30	16	2	3	5	1	3	0	6	66	4.2
C33-C34	Lung	0	46	39	10	6	10	4	5	1	21	142	9.0
C37-C38	Oth Thorac Org	0	0	0	0	0	0	0	0	0	0	0	0.0
C40-C41	Bone	0	5	4	4	0	3	1	1	0	2	20	1.3
C43	Skin Melanoma	0	3	0	2	0	0	0	0	0	0	5	0.3
C44	Other Skin	0	9	1	0	0	0	0	3	0	5	18	1.1
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0.0
C47&C49	Soft Tiss & PNS	0	10	8	0	1	2	0	2	0	5	28	1.8
C48	Retroperitoneu	0	3	0	0	1	1	0	0	0	0	5	0.3
C50	Breast	0	3	1	0	1	0	0	0	0	0	5	0.3
C60	Penis	0	28	3	2	3	3	1	0	0	5	45	2.9
C61	Prostate	0	8	7	1	0	2	2	4	0	3	27	1.7
C62	Testis	0	8	2	0	0	1	0	5	0	2	18	1.1
C63	oth. Male gen	0	0	0	0	0	0	0	0	0	1	1	0.1
C64	Kidney	0	6	3	0	2	2	1	2	0	3	19	1.2
C65	Renal Pevis	0	0	0	0	0	0	0	0	0	0	0	0.0
C66	Ureter	0	0	0	0	0	0	0	0	0	0	0	0.0
C67	Urin. Bladder	0	7	5	1	0	1	0	1	0	4	19	1.2
C68	Unspc urin. Org	0	0	0	0	0	0	0	0	0	0	0	0.0
C69	Eye	0	0	0	0	0	1	0	0	0	0	1	0.1
C70-C72	Brain & Nerv Sys	0	5	7	1	1	2	2	2	0	1	21	1.3
C73	Thyroid	0	13	8	0	1	2	1	2	0	5	32	2.0
C74	Adrenal gland	0	0	0	0	0	0	0	1	0	0	1	0.1
C75	oth. Endo.	0	0	0	0	0	0	0	0	0	0	0	0.0
C77	Sec Lymph	0	23	5	2	1	1	0	0	0	5	37	2.4
C78	Sec Resp & Dig	0	5	2	1	2	0	0	1	0	0	11	0.7
C79	Oth Sec Org	0	3	1	1	0	1	0	2	0	0	8	0.5
C81	Hodg Dis	0	5	5	2	1	0	1	2	0	3	19	1.2
C82-C85 &	NHL	0	9	14	1	4	4	1	4	0	7	44	2.8
C88	Immunopro. Dis	0	0	0	0	0	0	0	0	0	0	0	0.0
C90	Myeloma	0	3	4	2	2	0	0	2	0	3	16	1.0
C91	Lymp Leuk	3	1	1	2	1	1	0	0	0	4	13	0.8
C92-C94	Myeloid Leuk	0	11	8	3	4	3	0	1	0	9	39	2.5
C95	Leukemia Uns	0	1	0	0	1	0	0	0	0	1	3	0.2
Oth & Unspec Sites		0	0	2	0	0	0	0	0	0	2	12	0.8
Grand Total		3	617	320	65	82	103	35	102	3	243	1573	100.0
%		0.	39.2	20.3	4.1	5.2	6.5	2.2	6.5	0.2	15.4	100.0	

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

ICD-10	SITE	<5yr	iliterate	Literate	Primary	Middle	Secondary	Technical	College & Abv	Others	Unk	Total	%
C00	Lip	0	3	0	0	0	0	0	0	0	0	3	0.1
C01-C02	Tongue	0	23	3	1	1	1	0	1	0	7	37	1.5
C03-C06	Mouth	0	102	9	3	2	1	0	2	0	18	137	5.5
C07-C08	Saliv Gland	0	8	0	0	0	0	0	0	0	1	9	0.4
C09	Tonsil	0	4	1	0	0	1	0	0	0	1	7	0.3
C10	Oth. Oropharynx	0	3	0	1	0	1	0	0	0	3	8	0.3
C11	Nasopharynx	0	4	0	0	1	0	0	0	0	1	6	0.2
C12-C13	Hypopharynx	0	32	10	6	5	3	0	1	0	14	71	2.8
C14	Pharynx	0	13	5	0	1	0	0	0	0	1	20	0.8
C15	Oesophagus	0	46	8	6	0	2	0	0	0	4	66	2.6
C16	Stomach	0	64	15	3	7	5	0	2	1	17	114	4.6
C17	Small Intestine	0	3	0	1	0	0	0	0	0	0	4	0.2
C18	Colon	0	16	5	1	4	1	1	2	0	7	37	1.5
C19-C20	Rectum	0	21	4	0	1	1	0	0	0	9	36	1.4
C21	Anus	0	5	1	1	0	1	0	0	0	2	10	0.4
C22	Liver	0	9	1	0	0	0	0	0	0	3	13	0.5
C23-C24	Gall Bladder	0	11	4	0	0	1	0	0	0	4	20	0.8
C25	Pancreas	0	6	1	2	0	1	0	1	0	0	11	0.4
C26	Oth. Dig.org	0	0	0	0	0	0	0	0	0	0	0	0.0
30-31	Nose & Sinus	0	0	1	0	0	0	0	0	0	0	1	0.0
C32	Larynx	0	8	3	0	1	0	0	0	0	2	14	0.6
C33-C34	Lung	0	34	14	2	3	2	0	2	1	7	65	2.6
37-38	Oth.Thoracic	0	0	0	0	0	1	0	0	0	1	2	0.1
C40-C41	Bone	0	2	1	0	2	1	0	0	0	2	8	0.3
C43	Skin Melanoma	0	1	1	0	0	0	0	0	0	0	2	0.1
C44	Oth Skin	0	8	1	3	0	1	0	0	0	1	14	0.6
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0.0
C47&C49	Soft Tiss. & PNS	0	15	3	1	2	3	0	0	0	4	28	1.1
C48	Retroperitoneum	0	3	0	0	0	0	0	0	0	1	4	0.2
C50	Breast	0	268	94	36	30	27	1	18	1	85	560	22.4
C51	Vulva	0	8	4	0	0	0	0	0	0	1	13	0.5
C52	Vagina	0	22	5	1	2	1	0	0	0	3	34	1.4
C53	Cervix	0	474	52	30	24	13	0	4	1	101	699	27.9
C54-C55	Corpus Uteri	0	19	4	3	3	2	0	3	0	8	42	1.7
C56	Ovary etc	0	76	16	7	9	5	0	11	0	18	142	5.7
C57	Oth.Fem.Gen	0	1	0	0	0	0	0	0	0	0	1	0.0
C58	Placenta	0	0	0	0	0	2	0	0	0	0	2	0.1
C64	Kidney	0	7	2	2	0	1	0	0	0	3	15	0.6
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	5	1	0	0	0	0	0	0	2	8	0.3
C68	Unspec.Urin. Org	0	1	0	0	0	0	0	0	0	0	1	0.0
C69	Eye	0	1	0	0	0	0	0	0	0	0	1	0.0
C70-C72	Brain & Nerv Sys	1	4	3	1	0	1	0	3	0	2	15	0.6
C73	Thyroid	0	21	11	3	2	8	0	12	0	5	62	2.5
C74	Adrenal Glands	0	0	0	0	0	0	0	0	0	0	0	0.0
C75	Oth. Endo. Gland	0	1	0	0	0	0	0	0	0	0	1	0.0
C77	Sec Lymph Node	0	19	4	0	2	0	0	0	0	8	33	1.3
C78	Sec Resp & Dig	0	4	1	0	1	0	0	0	0	1	7	0.3
C79	Oth Sec Org	0	3	1	0	1	0	0	0	0	0	5	0.2
C81	Hodg.Dis	0	2	1	1	1	1	0	2	0	1	9	0.4
C82-C85 &	NHL	0	14	9	3	2	2	0	0	0	9	39	1.6
C88	Immunopro.Dis	0	0	0	0	0	0	0	0	0	0	0	0.0
C90	Myeloma	0	2	3	0	1	1	0	0	0	2	9	0.4
C91	Leuk Lymph.	0	4	2	3	1	1	0	0	0	1	12	0.5
C92-C94	Leuk Myeloid	0	11	9	2	3	4	0	0	0	5	34	1.4
C95	Leukemia Uns	0	0	0	0	0	0	0	0	0	0	0	0.0
Other & Unspecified Sites		0	7	1	0	1	0	0	0	0	1	10	0.4
All Sites		1	1418	314	123	113	96	2	64	4	366	2501	100.0
%		0.0	56.7	12.6	4.9	4.5	3.8	0.1	2.6	0.2	14.	100.	0.0

Table 8(a): Number of Cancer Deaths by Five Year Age Group and Site (ICD-10):
Visakhapatnam District Year: 2015-16 - Male

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+	Total	%
C00	Lip	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.1
C01-C02	Tongue	0	0	0	0	0	0	9	8	7	6	4	3	6	5	5	3	56	7.3
C03-C06	Mouth	0	0	0	0	1	0	2	6	7	5	7	5	7	7	7	3	57	7.5
C07-C08	Salivary	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0.3
C09	Tonsil	0	0	0	0	0	0	0	0	1	1	2	3	0	0	0	2	9	1.2
C10	Oth	0	0	0	0	0	0	0	0	1	0	0	1	0	2	0	0	4	0.5
C11	Nasophar	0	0	0	1	0	0	0	0	0	1	2	0	0	0	0	1	5	0.7
C12-C13	Hypophar	0	0	0	0	0	1	2	4	3	8	5	5	2	2	5	5	42	5.5
C14	Pharynx	0	0	0	0	0	0	0	1	1	1	6	7	10	2	6	2	36	4.7
C15	Oesophag	0	0	0	0	0	0	0	1	4	1	6	7	8	4	0	5	36	4.7
C16	Stomach	0	0	0	1	0	2	3	4	5	13	14	21	12	13	9	1	107	14.0
c17	Small	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0.3
C18	Colon	0	0	0	0	2	1	0	0	3	5	5	3	4	1	1	1	26	3.4
C19-C20	Rectum	0	0	1	0	0	2	1	0	2	0	1	5	3	3	2	2	22	2.9
C21	Anus	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	0.3
C22	Liver	0	0	0	0	0	0	0	1	2	3	6	3	7	10	2	4	38	5.0
C23-C24	Gall	0	0	0	0	0	0	0	0	0	0	2	2	2	2	1	0	9	1.2
C25	Pancreas	0	0	0	0	0	0	1	0	0	2	2	3	0	3	2	1	14	1.8
c26	oth.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0.3
C30-C31	Nose	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0.1
C32	Larynx	0	0	0	0	0	0	0	0	1	3	5	1	2	3	2	3	20	2.6
C33-C34	Lung	0	0	0	0	0	0	1	4	1	10	17	19	19	11	9	7	98	12.8
C37-C38	Oth	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	1	0	1	0	1	1	0	0	0	1	0	0	5	0.7
C43	Skin	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2	0.3
C44	Other	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	4	0.5
C45	Mesothel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C47&C4	Soft Tiss	0	0	1	0	0	0	0	2	0	1	0	0	2	2	0	1	9	1.2
C48	Retroperi	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0.1
C50	Breast	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	0.3
C60	Penis	0	0	0	0	0	0	0	0	0	1	2	3	1	2	1	0	10	1.3
C61	Prostate	0	0	0	0	0	0	0	0	0	1	2	1	1	2	1	1	9	1.2
C62	Testis	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	3	0.4
C64	Kidney	0	0	0	1	0	0	0	1	0	3	2	2	1	0	0	0	10	1.3
C65	Renal	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.	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	0	6	0.8
C68	Unspc	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 &	1	0	0	0	0	1	0	2	0	1	1	2	0	2	0	2	12	1.6
C73	Thyroid	0	0	0	0	0	0	0	1	0	0	2	3	1	1	0	1	9	1.2
C74	Adrenal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C75	oth.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C77	Sec	0	0	0	0	0	0	0	0	2	2	6	7	4	2	1	2	26	3.4
C78	Sec Resp	0	0	0	0	0	0	0	2	0	2	1	1	1	2	0	0	9	1.2
C79	Oth Sec	0	0	0	0	0	1	0	0	1	1	0	0	0	1	1	0	5	0.7
C81	Hodg Dis	0	0	0	1	0	0	0	0	0	0	2	1	0	1	1	0	6	0.8
C82-C85	NHL	0	0	0	3	1	1	1	0	1	2	1	3	2	2	1	0	18	2.4
C88	Immunop	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C90	Myeloma	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	3	0.4
C91	Lymp	0	0	2	0	0	0	1	0	0	0	0	0	0	0	1	0	4	0.5
C92-C94	Myeloid	0	0	2	0	2	0	2	0	2	1	1	0	2	3	0	0	15	2.0
C95	Leukemia	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0.3
Oth & Unspec Sites		0	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	5	0.7
All Sites		1	0	7	8	7	9	26	39	49	80	10	11	10	97	63	5	764	100.0
%		0.1	0.0	0.9	1.0	0.9	1.2	3.4	5.1	6.4	10.	14.	14.	13.	12.	8.2	7	100.0	

**Table 8(b): Number of Cancer Deaths by Five Year Age Group and Site (ICD-10):
Visakhapatnam District Year: 2015-16 Female**

ICD10	SITE	00-04	05-09	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	TOTAL	%
C00	Lip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C01-C02	Tongue	0	0	0	0	0	0	0	0	0	4	1	4	1	0	3	1	14	1.9
C03-C06	Mouth	0	0	0	0	0	0	0	1	3	4	6	5	6	9	6	5	45	6.0
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	1	0	0	0	1	1	0	0	0	0	3	0.4
C10	Oth.	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	3	0.4
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	2	1	5	5	3	0	1	0	1	3	1	22	2.9
C14	Pharynx	0	0	0	0	1	0	1	3	2	4	7	2	1	5	3	2	31	4.1
C15	Oesophagus	0	0	0	0	1	0	1	1	5	4	6	4	7	4	0	0	33	4.4
C16	Stomach	0	0	0	0	1	1	2	1	7	14	10	10	9	8	2	0	65	8.6
C17	Small Intestine	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	3	0.4
C18	Colon	0	0	0	0	0	0	1	1	2	1	2	1	2	0	1	2	13	1.7
C19-C20	Rectum	0	0	0	0	0	0	2	1	0	2	2	2	1	3	1	0	14	1.9
C21	Anus	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	4	0.5
C22	Liver	0	0	0	0	0	0	0	1	0	1	1	1	1	0	2	1	8	1.1
C23-C24	Gall Bladder	0	0	0	0	1	0	1	0	0	1	0	1	3	1	3	0	11	1.5
C25	Pancreas	0	0	0	0	0	0	0	0	0	1	1	1	3	0	0	0	6	0.8
C26	Oth. Dig.org	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.1
C30-C31	Nose & Sinus	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0.3
C32	Larynx	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	4	0.5
C33-C34	Lung	0	0	0	0	0	1	1	2	2	6	9	7	7	5	1	2	43	5.7
C37-C38	Oth.Thoracic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C40-C41	Bone	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	4	0.5
C43	Skin Melanoma	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0.3
C44	Oth Skin	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	3	0.4
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C47&C4	Soft Tiss. & PNS	0	1	0	1	0	0	1	3	2	0	2	0	1	2	0	0	13	1.7
C48	Retroperitoneu	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2	0.3
C50	Breast	0	0	0	0	0	0	2	10	15	22	17	16	11	5	8	2	108	14.3
C51	Vulva	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	4	0.5
C52	Vagina	0	0	0	0	0	0	0	0	0	0	1	3	2	1	0	0	7	0.9
C53	Cervix	0	0	0	0	0	0	4	13	19	22	23	31	23	18	9	6	168	22.3
C54-C55	Corpus Uteri	0	0	0	1	0	0	0	0	0	0	1	0	1	3	1	1	8	1.1
C56	Ovary etc	0	0	0	0	2	1	3	1	1	4	2	5	3	5	6	1	34	4.5
C57	Oth.Fem.Gen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C58	Placenta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C64	Kidney	0	0	0	0	0	0	0	0	0	2	2	2	1	0	0	0	7	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	2	0	0	0	0	0	0	2	0.3
C68	Unspec.Urin.	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	1	0	0	0	1	0.1
C70-C72	Brain & Nerv	1	0	0	2	2	1	2	1	1	1	2	0	0	0	0	1	14	1.9
C73	Thyroid	0	0	0	0	0	0	0	0	0	1	0	2	0	1	0	0	4	0.5
C74	Adrenal Glands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C75	Oth. Endo.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C77	Sec Lymph	0	0	0	0	0	1	0	0	2	3	2	0	1	1	0	1	11	1.5
C78	Sec Resp & Dig	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.1
C79	Oth Sec Org	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	0.3
C81	Hodg.Dis	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.1
C82-C85 & C96	NHL	0	0	1	0	0	0	1	0	1	1	1	0	3	0	1	0	9	1.2
C88	Immunopro.Dis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C90	Myeloma	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0.3
C91	Leuk Lymph.	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	3	0.4
C92-C94	Leuk Myeloid	0	0	0	1	0	1	1	2	1	3	3	1	0	1	0	0	14	1.9
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	1	0	0	0	0	1	0	0	0	2	0	0	0	4	0.5
All Sites		1	1	3	6	8	8	25	48	73	10	10	10	97	78	53	2	753	100.0
%		0.1	0.1	0.4	0.8	1.1	1.1	3.3	6.4	9.7	14.	14.	14.	12.	10.	7.0	3.	100.0	

Table 9(a): Average Annual Age Specific, Crude Rate (CR), Age Standardized Rate(ASR) and Truncated Rate (35-64 yrs) (TR) of Mortality per 100, 000 Population:

Visakhapatnam District Year: 2015-16 Male

ICD-10	SITE	00-04	05-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	CR	ASR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
C01-	Tongue	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.2	2.0	2.0	1.8	1.9	3.3	4.1	6.9	5.3	1.2	1.2	2.2
C03-	Mouth	0.0	0.0	0.0	0.0	0.2	0.0	0.5	1.6	2.0	1.7	3.2	3.1	3.9	5.8	9.7	5.3	1.3	1.3	2.4
C07-	Salivary 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	0.8	1.4	0.0	0.0	0.1	0.0
C09	Tonsil	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.9	1.9	0.0	0.0	0.0	3.5	0.2	0.2	0.5
C10	Oth	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.6	0.0	1.6	0.0	0.0	0.1	0.1	0.1
C11	Nasopharynx	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.3	0.9	0.0	0.0	0.0	0.0	0.0	1.8	0.1	0.1	0.2
C12-	Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.2	0.5	1.1	0.9	2.7	2.3	3.1	1.1	1.6	6.9	8.8	0.9	1.0	1.8
C14	Pharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3	2.7	4.4	5.6	1.6	8.3	3.5	0.8	0.9	1.9
C15	Oesophagus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.1	0.3	2.7	4.4	4.4	3.3	0.0	8.8	0.8	0.9	1.9
C16	Stomach	0.0	0.0	0.0	0.2	0.0	0.5	0.8	1.1	1.4	4.3	6.3	13.	6.7	10.	12.	17.	2.4	2.5	4.9
c17	Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
C18	Colon	0.0	0.0	0.0	0.0	0.5	0.2	0.0	0.0	0.9	1.7	2.3	1.9	2.2	0.8	1.4	1.8	0.6	0.6	1.4
C19-	Rectum	0.0	0.0	0.2	0.0	0.0	0.5	0.3	0.0	0.6	0.0	0.5	3.1	1.7	2.5	2.8	3.5	0.5	0.5	0.8
C21	Anus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
C22	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	1.0	2.7	1.9	3.9	8.2	2.8	7.0	0.8	0.9	1.5
C23-	Gall Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.2	1.1	1.6	1.4	0.0	0.2	0.2	0.5
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.7	0.9	1.9	0.0	2.5	2.8	1.8	0.3	0.3	0.5
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	0.6	0.0	1.4	0.0	0.0	0.0	0.1
C30-	Nose & sinuses	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C32	Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0	2.3	0.6	1.1	2.5	2.8	5.3	0.4	0.5	0.8
C33-	Lung	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.1	0.3	3.3	7.7	11.	10.	9.0	12.	12.	2.2	2.3	5.0
C37-	Oth Thorac	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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-	Bone	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.0	0.3	0.3	0.0	0.0	0.0	0.8	0.0	0.0	0.1	0.1	0.1
C43	Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.1
C44	Other Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.5	0.6	0.0	0.8	0.0	0.0	0.1	0.1	0.2
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&C4	Soft Tiss & PNS	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.5	0.0	0.3	0.0	0.0	1.1	1.6	0.0	1.8	0.2	0.2	0.3
C48	Retroperitone	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C50	Breast	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2
C60	Penis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	1.9	0.6	1.6	1.4	0.0	0.2	0.2	0.5
C61	Prostate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	0.6	0.6	1.6	1.4	1.8	0.2	0.2	0.4
C62	Testis	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.8	0.0	0.0	0.1	0.1	0.1
C64	Kidney	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.3	0.0	1.0	0.9	1.2	0.6	0.0	0.0	0.0	0.2	0.2	0.6
C65	Renal Pevis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C66	Ureter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C67	Urin. Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	2.8	0.0	0.1	0.2	0.0
C68	Unspc urin.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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-	Brain & Nerv	0.3	0.0	0.0	0.0	0.0	0.2	0.0	0.5	0.0	0.3	0.5	1.2	0.0	1.6	0.0	3.5	0.3	0.3	0.4
C73	Thyroid	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.9	1.9	0.6	0.8	0.0	1.8	0.2	0.2	0.5
C74	Adrenal gland	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C75	oth. Endo.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C77	Sec Lymph	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	2.7	4.4	2.2	1.6	1.4	3.5	0.6	0.6	1.5
C78	Sec Resp & Dig	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.7	0.5	0.6	0.6	1.6	0.0	0.0	0.2	0.2	0.5
C79	Oth Sec Org	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.8	1.4	0.0	0.1	0.1	0.1
C81	Hodg Dis	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.6	0.0	0.8	1.4	0.0	0.1	0.1	0.2
C82-C85 &	NHL	0.0	0.0	0.0	0.7	0.2	0.2	0.3	0.0	0.3	0.7	0.5	1.9	1.1	1.6	1.4	0.0	0.4	0.4	0.6
C88	Immunopro.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.6	1.1	0.0	0.0	0.0	0.1	0.1	0.2
C91	Lymp Leuk	0.0	0.0	0.5	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.1	0.1	0.0
C92-	Myeloid Leuk	0.0	0.0	0.5	0.0	0.5	0.0	0.5	0.0	0.6	0.3	0.5	0.0	1.1	2.5	0.0	0.0	0.3	0.3	0.4
C95	Leukemia Uns	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.1	0.0
Oth & Unspec Sites		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3
All Sites		0.3	0.0	1.7	1.9	1.6	2.2	7.0	10.	14.	26.	48.	70.	55.	79.	87.	98.	16.	17.8	34.1

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

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	ASR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C01-	Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.5	2.2	0.5	0.0	3.7	1.4	0.3	0.3	0.7
C03-	Mouth	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.9	1.4	2.8	2.8	2.9	6.6	7.5	6.9	1.0	1.0	1.7
C07-	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	0.3	0.0	0.0	0.0	0.5	0.6	0.0	0.0	0.0	0.0	0.1	0.1	0.1
C10	Oth.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
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-	Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.4	0.3	1.2	1.5	1.1	0.0	0.6	0.0	0.7	3.7	1.4	0.5	0.4	0.8
C14	Pharynx	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.7	0.6	1.4	3.3	1.1	0.5	3.6	3.7	2.8	0.7	0.7	1.3
C15	Oesophagus	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.2	1.5	1.4	2.8	2.2	3.4	2.9	0.0	0.0	0.7	0.7	1.8
C16	Stomach	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.2	2.1	4.9	4.7	5.6	4.3	5.8	2.5	0.0	1.4	1.4	3.4
C17	Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.7	0.0	0.0	0.1	0.1	0.1
C18	Colon	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.6	0.4	0.9	0.6	1.0	0.0	1.2	2.8	0.3	0.3	0.6
C19-	Rectum	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.2	0.0	0.7	0.9	1.1	0.5	2.2	1.2	0.0	0.3	0.3	0.5
C21	Anus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.6	0.0	0.7	0.0	0.0	0.1	0.1	0.2
C22	Liver	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.4	0.5	0.6	0.5	0.0	2.5	1.4	0.2	0.2	0.3
C23-	Gall Bladder	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.0	0.0	0.4	0.0	0.6	1.4	0.7	3.7	0.0	0.2	0.2	0.3
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.6	1.4	0.0	0.0	0.0	0.1	0.1	0.4
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	0.7	0.0	0.0	0.0	0.0	0.0
C30-	Nose & Sinus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
C32	Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3
C33-	Lung	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.6	2.1	4.2	3.9	3.4	3.6	1.2	2.8	0.9	0.9	2.2
C37-	Oth.Thoracic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C40-	Bone	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.7	1.2	0.0	0.1	0.1	0.1
C43	Skin Melanoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.1
C44	Oth Skin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0	1.2	0.0	0.1	0.1	0.1
C45	Mesothelioma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C47&C4	Soft Tiss. & PNS	0.0	0.3	0.0	0.2	0.0	0.0	0.3	0.7	0.6	0.0	0.9	0.0	0.5	1.5	0.0	0.0	0.3	0.3	0.5
C48	Retroperitoneu	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.1
C50	Breast	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.5	4.5	7.8	8.0	9.0	5.3	3.6	10.0	2.8	2.3	2.2	6.0
C51	Vulva	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.7	1.2	0.0	0.1	0.1	0.1
C52	Vagina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.7	1.0	0.7	0.0	0.0	0.2	0.2	0.4
C53	Cervix	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.2	5.7	7.8	10.8	17.4	11.0	13.1	11.2	8.3	3.6	3.5	8.6
C54-	Corpus Uteri	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.5	2.2	1.2	1.4	0.2	0.2	0.1
C56	Ovary etc	0.0	0.0	0.0	0.0	0.4	0.2	0.8	0.2	0.3	1.4	0.9	2.8	1.4	3.6	7.5	1.4	0.7	0.7	1.1
C57	Oth.Fem.Gen	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C58	Placenta	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C64	Kidney	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	1.1	0.5	0.0	0.0	0.0	0.2	0.2	0.5
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	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
C68	Unspec.Urin.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.5	0.0	0.0	0.0	0.0	0.0	0.1
C70-	Brain & Nerv	0.3	0.0	0.0	0.5	0.4	0.2	0.5	0.2	0.3	0.4	0.9	0.0	0.0	0.0	0.0	1.4	0.3	0.3	0.3
C73	Thyroid	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	1.1	0.0	0.7	0.0	0.0	0.1	0.1	0.2
C74	Adrenal Glands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C75	Oth. Endo.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C77	Sec Lymph	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.6	1.1	0.9	0.0	0.5	0.7	0.0	1.4	0.2	0.2	0.5
C78	Sec Resp & Dig	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.1
C79	Oth Sec Org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
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	0.5	0.0	0.0	0.0	0.0	0.0	0.1
C82-	NHL	0.0	0.0	0.3	0.0	0.0	0.0	0.3	0.0	0.3	0.4	0.5	0.0	1.4	0.0	1.2	0.0	0.2	0.2	0.4
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	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.1
C91	Leuk Lymph.	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
C92-	Leuk Myeloid	0.0	0.0	0.0	0.2	0.0	0.2	0.3	0.5	0.3	1.1	1.4	0.6	0.0	0.7	0.0	0.0	0.3	0.3	0.7
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	0.2	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.1	0.1	0.2
All Sites		0.3	0.3	0.8	1.5	1.8	1.8	6.5	11.8	21.9	38.4	50.5	61.2	46.4	56.9	66.1	36.1	16.3	15.9	36.0

**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):
Visakhapatnam District , Year: 2015-16 Male**

ICD-10	SITE	0-64yrs		0-74yrs	
		Cum.Rate	Cum. Risk	Cum.Rate	Cum.risk
C00	Lip	0.01	0.01	0.02	0.02
C01-C02	Tongue	0.21	0.21	0.30	0.30
C03-C06	Mouth	0.19	0.19	0.34	0.34
C07-C08	Salivary Gland	0.01	0.01	0.02	0.02
C09	Tonsil	0.03	0.03	0.06	0.06
C10	Other Oropharynx	0.01	0.01	0.02	0.02
C11	Nasopharynx	0.02	0.02	0.03	0.03
C12-C13	Hypopharynx	0.11	0.11	0.19	0.19
C14	Pharynx	0.05	0.05	0.08	0.08
C15	Oesophagus	0.10	0.10	0.16	0.16
C16	Stomach	0.32	0.31	0.54	0.54
C17	Small Intestine	0.01	0.01	0.01	0.01
C18	Colon	0.10	0.10	0.15	0.15
C19-C20	Rectum	0.08	0.08	0.15	0.15
C21	Anus	0.01	0.01	0.02	0.02
C22	Liver	0.06	0.06	0.09	0.09
C23-C24	Gall Bladder	0.04	0.04	0.05	0.05
C25	Pancreas	0.03	0.03	0.07	0.07
C26	Other Digestive Organs	0.00	0.00	0.01	0.01
C30-C31	Nose & Sinuses etc	0.00	0.00	0.00	0.00
C32	Larynx	0.10	0.10	0.19	0.19
C33-C34	Lung	0.24	0.24	0.40	0.40
C40-C41	Bone	0.03	0.03	0.03	0.03
C43	Melanoma of Skin	0.01	0.01	0.02	0.02
C44	Other Skin	0.03	0.03	0.04	0.04
C47&C49	Soft Tiss & PNS	0.04	0.04	0.07	0.07
C48	Retroperitoneum	0.01	0.01	0.01	0.01
C50	Breast	0.01	0.01	0.01	0.01
C60	Penis	0.07	0.07	0.11	0.11
C61	Prostate	0.02	0.02	0.08	0.08
C62	Testis	0.03	0.03	0.03	0.03
C63	Other Male Genital Organs	0.00	0.00	0.00	0.00
C64	Kidney	0.04	0.04	0.05	0.05
C67	Urinary Bladder	0.02	0.02	0.07	0.07
C69	Eye	0.00	0.00	0.00	0.00
C70-C72	Brain & Nervous System	0.03	0.03	0.04	0.04
C73	Thyroid	0.06	0.06	0.07	0.07
C74	Adrenal Glands	0.00	0.00	0.00	0.00
C77	Secondary Lymph Nodes	0.07	0.07	0.10	0.10
C78	Secondary Respiratory & Digestive Org	0.02	0.02	0.03	0.03
C79	Other Secondary Org	0.01	0.01	0.03	0.03
C81	Hodgkins Disease	0.03	0.03	0.04	0.04
C82-C85 & C96	Non-Hodgkins Lymphoma	0.06	0.06	0.12	0.12
C90	Multiple Myeloma	0.04	0.04	0.05	0.05
C91	Lymphoid Leukemia	0.02	0.02	0.03	0.03
C92-C94	Myeloid Leukemia	0.06	0.06	0.07	0.07
C95	Leukemia Uns	0.00	0.00	0.01	0.01
Other & Unspecified Sites		0.02	0.02	0.03	0.03
All Sites		2.46	2.43	4.04	3.96

**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):
Visakhapatnam , Year: 2015-16 -Female**

ICD-10	SITE	0-64yrs		0-74yrs	
		Cum.Rate	Cum. Risk	Cum.Rate	Cum.Risk
C00	Lip	0.00	0.00	0.01	0.01
C01-C02	Tongue	0.07	0.07	0.10	0.10
C03-C06	Mouth	0.22	0.22	0.37	0.37
C07-C08	Salivary Gland	0.01	0.01	0.02	0.02
C09	Tonsil	0.01	0.01	0.02	0.02
C10	Other Oropharynx	0.01	0.01	0.02	0.02
C11	Nasopharynx	0.01	0.01	0.02	0.02
C12-C13	Hypopharynx	0.11	0.11	0.14	0.14
C14	Pharynx	0.03	0.03	0.05	0.05
C15	Oesophagus	0.11	0.11	0.14	0.14
C16	Stomach	0.19	0.19	0.25	0.25
C17	Small Intestine	0.01	0.01	0.01	0.01
C18	Colon	0.06	0.06	0.08	0.08
C19-C20	Rectum	0.06	0.06	0.08	0.08
C21	Anus	0.02	0.02	0.03	0.02
C22	Liver	0.02	0.02	0.04	0.04
C23-C24	Gall Bladder	0.03	0.03	0.06	0.06
C25	Pancreas	0.03	0.03	0.03	0.03
C30-C31	Nose & Sinuses etc	0.00	0.00	0.00	0.00
C32	Larynx	0.02	0.02	0.03	0.03
C33-C34	Lung	0.11	0.11	0.15	0.15
C37-C38	Other Thoracic Organs	0.00	0.00	0.00	0.00
C40-C41	Bone	0.01	0.01	0.02	0.02
C43	Melanoma of Skin	0.01	0.01	0.01	0.01
C44	Other Skin	0.02	0.02	0.04	0.04
C47&C49	Soft Tiss & PNS	0.05	0.05	0.06	0.06
C48	Retroperitoneum	0.01	0.01	0.01	0.01
C50	Breast	0.94	0.94	1.27	1.26
C51	Vulva	0.02	0.02	0.03	0.03
C52	Vagina	0.06	0.06	0.09	0.09
C53	Cervix	1.21	1.20	1.63	1.62
C54-C55	Corpus Uteri	0.06	0.06	0.11	0.11
C56	Ovary etc	0.24	0.24	0.32	0.32
C57	Other Female Genital Organs	0.00	0.00	0.00	0.00
C58	Placenta	0.00	0.00	0.00	0.00
C64	Kidney	0.03	0.03	0.03	0.03
C67	Urinary Bladder	0.02	0.02	0.02	0.02
C68	Unspecified Urinary Organs	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	0.03	0.03
C73	Thyroid	0.09	0.09	0.11	0.11
C75	Other Endocrine Glands	0.00	0.00	0.00	0.00
C77	Secondary Lymph Nodes	0.06	0.06	0.07	0.06
C78	Secondary Respiratory & Digestive Org	0.01	0.01	0.02	0.02
C79	Other Secondary Org	0.01	0.01	0.01	0.01
C81	Hodgkins Disease	0.01	0.01	0.01	0.01
C82-C85 & C96	Non-Hodgkins Lymphoma	0.06	0.06	0.09	0.09
C90	Multiple Myeloma	0.02	0.02	0.02	0.02
C91	Lymphoid Leukemia	0.02	0.02	0.02	0.02
C92-C94	Myeloid Leukemia	0.05	0.05	0.06	0.06
Other & Unspecified Sites		0.01	0.01	0.02	0.02
All Sites		4.16	4.07	5.75	5.59