

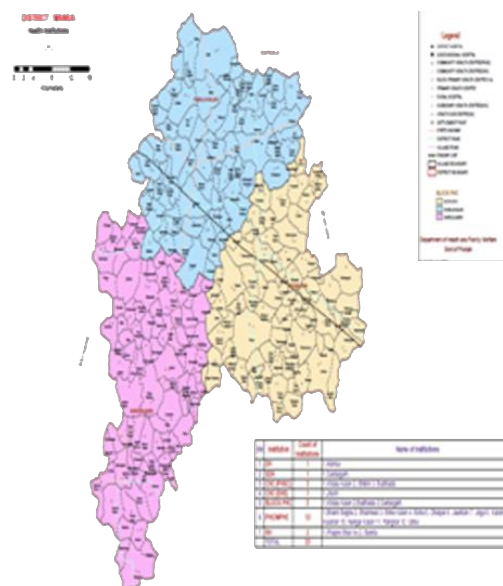
Cancer Incidence and Mortality in Mansa District, Punjab State, India: 2015 – 2016



टाटा स्मारक केंद्र
Tata Memorial Centre



Homi Bhabha Cancer Hospital, Sangrur



Mansa District, Punjab State, India

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Executive Summary

Background

Tata Memorial Centre (TMC), Mumbai, an autonomous institute under the Department of Atomic Energy Government of India, started the Population-Based Cancer Registry (PBCR) in Mansa district on April 1, 2013, in collaboration with the Post-Graduate Institute of Medical Education and Research (PGIMER), Chandigarh and the Ministry of Health, Government of Punjab. The registry is located in the Civil Hospital campus of Mansa. **The objective of the cancer registry is to measure the cancer burden in terms of incidence and mortality and to know patterns of cancer in the district. The cancer registry data will be useful in planning cancer control activities and in strengthening the cancer care services in this area.**

Population covered

The cancer registry covers the three subdivisions Mansa, Budhlada, and Sardulgarh covering a population of 812,320. The registry covers the urban and rural areas of the district (242 villages of the three subdivisions). **More than 75% of the population of the district is rural.**

Registration method

A trained field/ social worker of the registry regularly visits the villages as well as hospitals, pathology laboratories, medical colleges, the cancer centers, and the birth and death registration office to collect cancer incident and death cases. The registry staff interact s with the village sarpanch, Auxiliary Nurse Midwife (ANM), Accredited Social Health Activist (ASHA) workers, and the Primary Health Center (PHC) staff periodically to know the cancer cases diagnosed in the area as well as the cancer deaths that have occurred in the village. With the help of the ASHA workers, the registry staff interacts with the patient/patient's relative s and notes down the information available. This information is further confirmed at the patient's treating hospital. After confirming the patient's residence (residence of at least one year in the district), and once the information is checked by senior staff, the case is entered in the prescribed format. The data entry is carried out in Canreg5 software. Continuous interactions with the community have enabled us to update the survival status of cancer patients. As of December 2019, we have the survival status of more than 90% of cancer patients. This information will be utilized for cancer survival analysis.

A comprehensive cancer treatment facility is not available in Mansa district. Patients from this area travel to Bhatinda, Ludhiana, Bikaner, Chandigarh, Patiala, Hisar, and Faridkot for cancer care. The nearest center is 60 km and the farthest center is 350 km. **Tata Memorial Centre has started the Homi Bhabha Cancer Hospital in Sangrur district, which is 60 km from Mansa and has been functioning since January 2015.**

Results

This report is based on the cancer registry results for the year 2015-2016. In the year 2015-2016, the cancer registry registered 1026 new cancer cases including 479 male cancer cases and 547 female cancer cases. The age-adjusted incidence rate for males is 55.2 per 100,000 population and for females, 66.0 per 100,000 population. The cumulative risk for the age group 0-74 in males is 6.2% (1 in 16 men is at risk of developing cancer in Mansa district). For females, the cumulative risk for the age group 0-74 is 7.3% (1 in 14 females is at risk of developing cancer in Mansa district).

In the year 2015-2016, the cancer registry has registered 714 cancer deaths including 374 deaths in males and 340 deaths in females. The age-adjusted mortality rate for males 42.5 per 100,000 and females, it is 40.5 per 100,000. The cumulative risk of death due to cancer in the age group 0-74 for both males and females is 4.7% (1 in 21 males/ females is at risk of death due to cancer).

Leading Cancer sites

The leading cancer sites in males are the oesophagus, liver, lung, prostate and tongue. The leading cancer sites in females are the breast, cervix uteri, oesophagus, ovary and gall bladder. The leading cancer sites are mentioned in Table I and II.

Table I: Leading Cancer Sites in Males: 2015-2016

ICD -10	Sites	Total	(%)	CR	AAR	TR
C15	Oesophagus	57	11.9	6.6	6.5	14.6
C22	Liver	26	5.4	3.0	3.2	8.8
C33-34	Lung	23	4.8	2.7	2.7	5.5
C61	Prostate	24	5.0	2.8	2.6	2.9
C01-02	Tongue	23	4.8	2.7	2.6	6.9

CR: Crude incidence rate per 100,000, AAR: Age-adjusted incidence rate per 100,000, TR: Truncated incidence rate per 100,000 for 35-64 age group

Table II: Leading Cancer Sites in Females: 2015-2016

ICD -10	Sites	Total	(%)	CR	AAR	TR
C50	Breast	120	21.9	15.7	14.7	37.1
C53	Cervix uteri	70	12.8	9.2	8.4	21.9
C15	Oesophagus	61	11.2	8.0	7.3	15.5
C56	Ovary	48	8.8	6.3	5.9	13.4
C23-24	Gallbladder	35	6.4	4.6	4.2	7.0

CR: Crude incidence rate per 100,000, AAR: Age-adjusted incidence rate per 100,000, TR: Truncated incidence rate per 100,000 for 35-64 age group

Primary unknown cases

In the year 2015-2016, we registered 7.5% of primary unknown cases in males and 4.8% of primary unknown cases in females. The primary site unknown cases are related to the quality of diagnostic information as well as poor documentation of the medical records. Due to continuous interaction with the clinician by the registry staff, there was an improvement in the medical documentation and the primary unknown cases percentage has decreased from 13% to 7.5% in males. There may be under-registration of the cancer incidence and mortality cases which are diagnosed purely on a clinical basis.

Comparison of cancer registry rates with other registries in India

Compared to other parts of India, cancer incidence rates are lower and are in comparison with other parts of rural India¹.

Figure I: All Site Cancer Incidence Rate –Males

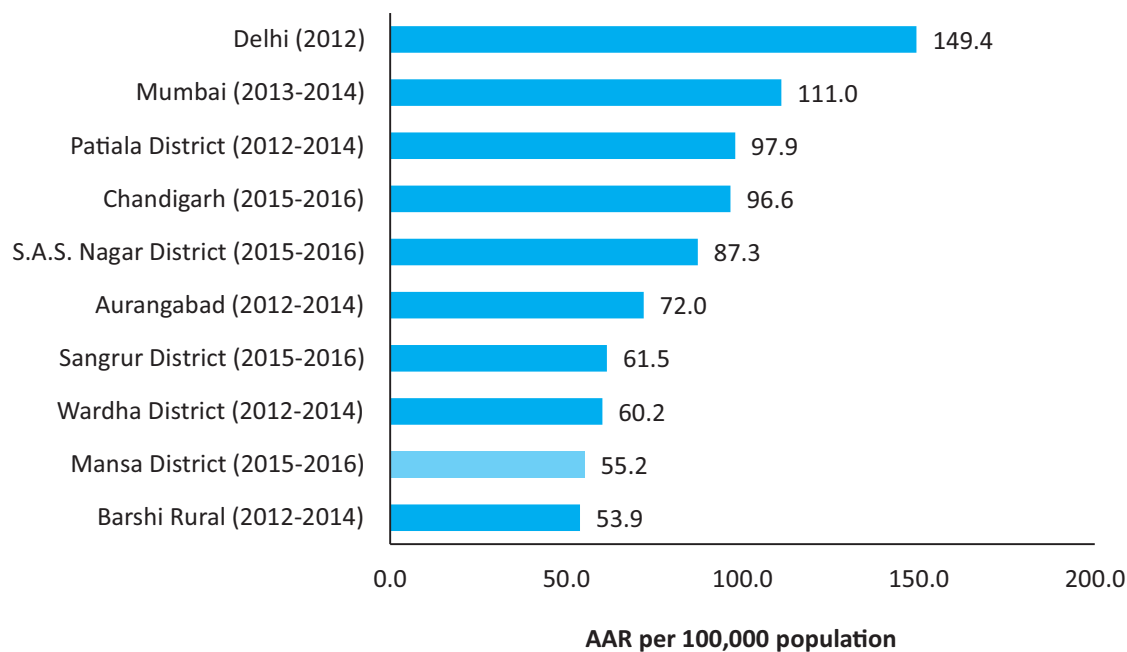
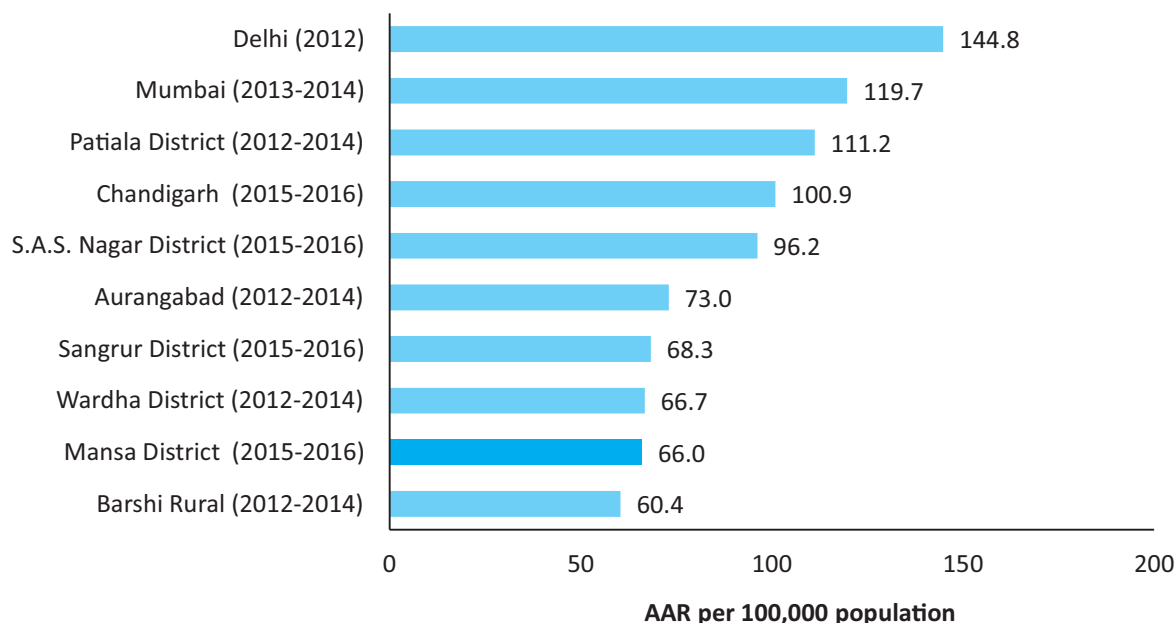


Figure II: All Site Cancer Incidence Rate –Females



Cancer control activities in Mansa district

The Mansa cancer registry data estimated that the risk of developing cancer in males is 6% and 7% in females. The major cancer sites in Mansa district are breast, cervix uteri, oesophagus, lung and prostate. Most of these cancers are preventable. Based on the observation of the cancer registry, Tata Memorial Centre has started a satellite center in Sangrur and will establish a comprehensive cancer center in SAS Nagar. In addition to this, PGIMER Chandigarh has also initiated a 500 bedded multispecialty hospital in Sangrur. Cancer awareness programs need to be implemented particularly for the early detection of breast and cervical cancer. Tata Memorial Centre, Mumbai is continuously organizing workshops/CME for the medical faculties of Mansa and Sangrur district. The population-based cancer registry in Mansa will be used to monitor cancer trends and to evaluate the effects of prevention and treatment in the future.

Mansa PBCR actively updating the survival status of the cancer patients. The registry has undertaken survival studies of breast, cervix uteri, prostate and oesophagus cancer cases registered during the period 2013 -2016. The survival report will be available in due course.

1. Punjab State Profile

Punjab is situated in northwest India. The Indian state borders the Pakistani province of Punjab to the west, Jammu and Kashmir to the north, Himachal Pradesh to the northeast, Chandigarh to the east, Haryana to the south and southeast and Rajasthan to the southwest. The total area of the state is 50,362 square kilometers. The population is 27,743,338 (Census, 2011)². The capital of Punjab is Chandigarh, which is administered separately as a Union Territory since it is also the capital of neighboring Haryana state.

As per the Census 2011², Punjab has a total population of 27,743,338 of which 14,639,465 (52.76%) are males and 13,103,873 (47.2%) are females. It constitutes 2.29% of the total population of India. The population density of Punjab is 550 people per sq.km. The population of Punjab, according to the 2011 census stands at about 27 million, making it the 15th most populated state in India.

The state is spread over an area of about 50,362 sq. km. making it the 19th largest state in the country in terms of area. The state has a growth rate of approximately 13%, which is below the national average of 17%. The population of the state is rising considerably due to rapid efforts towards development and progress. The literacy rate in the state is approximately 76.7%, a figure that has improved tremendously in the last few years due to consistent efforts by the government. The sex ratio of Punjab significantly lags behind the national average. The Punjab state profile is presented in Table 1³.

Table 1: Punjab State Population, Literacy and Area in Sq. Km.

Sr. No.	Items	Unit	Number
1.	Area (i) Rural Area (ii) Urban Area	Sq. Km	50,362 48,265 2097
2.	(Population 2011) Total Population Rural Population	Lakh	277.04 173.2
3.	District	Number	22
4.	Tehsils	Number	81
5.	% of Rural to Total Population	%	62.51
6.	% of Urban to Total Population	%	37.49
7.	Density	Per Sq. Km	550
8.	Female per 1000 Male	Number	893
9.	Literacy	%	76.7

2. Mansa District Profile

Mansa district was formed on April 13, 1992 from the erstwhile district of Bhatinda. Mansa is a small district both in terms of population and area. It is situated on the rail line between the Bhatinda-Jind-Delhi sections and is also situated on the Barnala-Sardulgarh-Sirsa Road rail line. Mansa district is situated in the cotton belt of Punjab and is therefore fondly called the "area of white gold".

The district is spread over 2,198 sq.kms, having a total population of 769,751 as per the 2011 census⁴. In Mansa district, River Ghaggar flows through a distance of 15 Kms and Sirhind Drain passes through the entire district and has its out-fall in river Ghaggar. Mansa district is a part of the Bhatinda Parliamentary Constituency. The district has three sub divisions/tahsils and five blocks. (Reference: Mansa district website)⁵. The Mansa district subdivision and the number of villages are presented in Table 2.

Figure 1: Location of Population-Based Cancer Registry Mansa District, Punjab

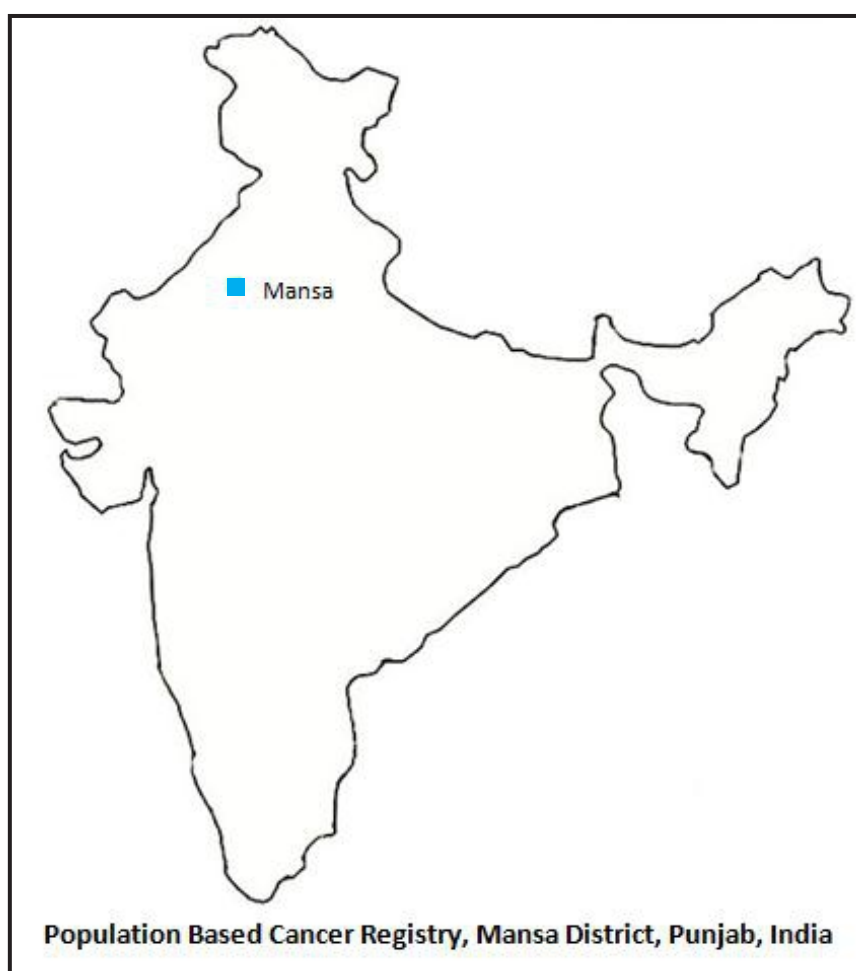


Table 2: Subdivision/Tahsil under Mansa District

Tehsil	Number of villages	Block
Khial Kalan	84	1. Mansa 2. Bhikhi
Budhlada	88	1. Budhlada
Sardulgarh	70	1. Sardulgarh 2. Jhunir
Total	242	

Health infrastructure of Mansa district

Mansa district has one district hospital and two sub-district hospital with basic diagnostic and surgical facilities. The district has 2 rural hospitals, 3 blocks of primary health centers, 12 primary health centers, and more than 103 sub-centers. Primary health care is taken by these hospitals. The Mansa district hospital provides supportive services to the cancer cases. Detailed information about the hospital and PHC is presented in Table 3.

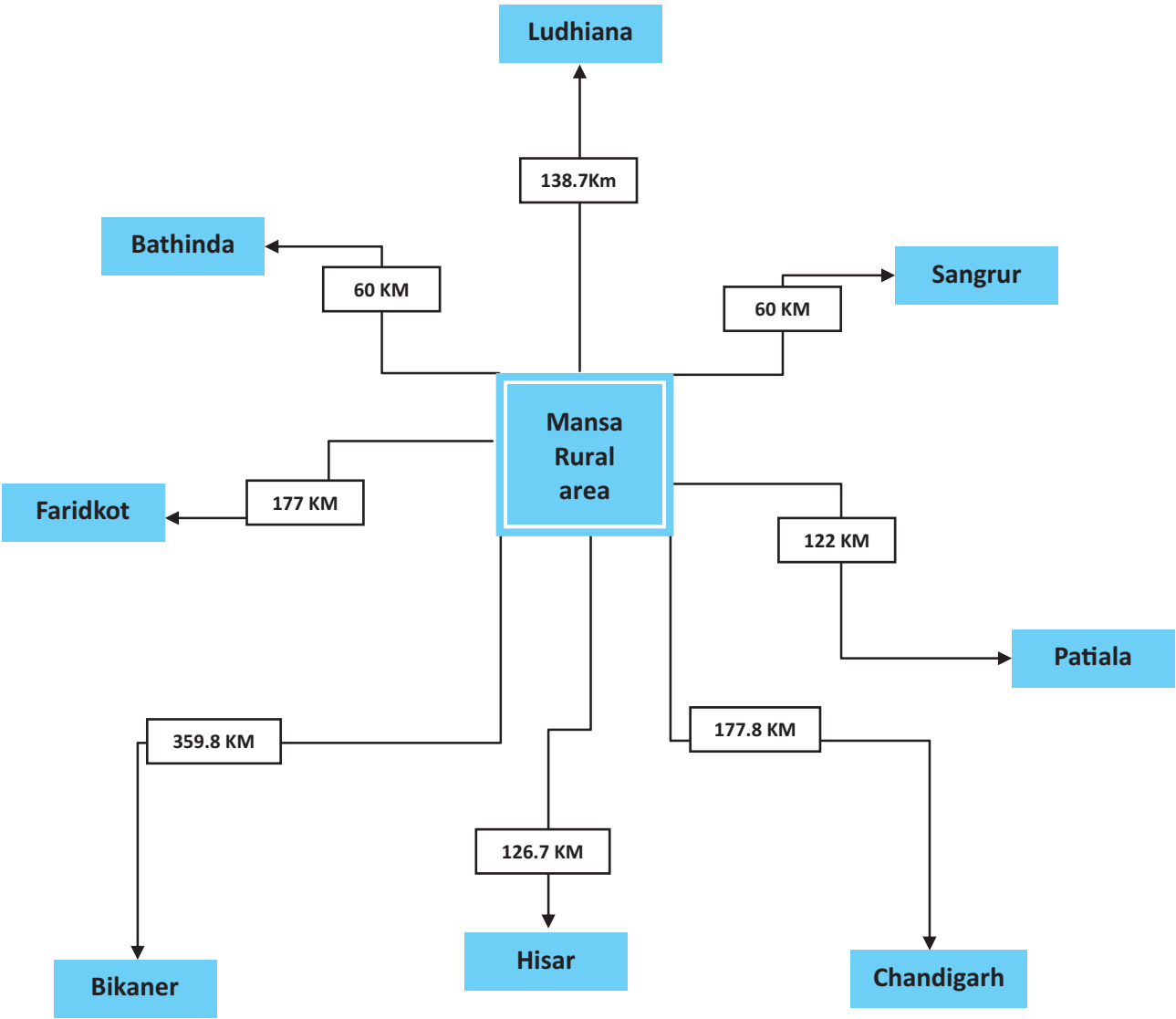
Table 3: Number of Government Hospitals /Health Centers in Mansa district

Sr. No.	Institute	Number
1.	District Hospital (DH)	1
2.	Sub District Hospital (SDH)	2
3.	Community Health Centre (Punjab Health System Corporation) (PHSC)	4
4.	Block Primary Health Centre (PHC)	3
5.	Primary Health Centre (MPHC) (Multiple Primary Health Centre)	12
6.	Rural Hospital (RH)	2
7.	Subsidiary Health Centre (SHC)	37
8.	sub-center (SC)	103
	Total	164

The cancer treatment facility is not available in the district. For cancer treatment, patients from these areas go to Bhatinda, Faridkot, Ludhiana, Chandigarh, Hisar, and New Delhi and also to Bikaner-a state of Rajasthan. The nearest center is Sangrur and Bhatinda (60kms) and the farthest center in Bikaner (360 km). The distance from Mansa to different cancer treatment centers is shown in Figure 2.

Tata Memorial Centre, Mumbai – an autonomous unit of the Department of Atomic Energy, Government of India with the support of the Government of Punjab has started the Homi Bhabha Cancer Hospital (HBCH) in Sangrur district. The hospital started functioning in January 2015. The HBCH has surgical, radiotherapy and medical oncology facilities. Since its inception, 8000 cancer patients have been treated. The hospital is listed in the Government sponsor scheme “Mukhmantri Punjab Cancer Rahat Kosh Scheme⁶” and “Ayushman Bharat Sarbat Sehat Bima Yojana ¹⁸” for cancer treatment.

Figure 2: Distance from Mansa to the cancer treatment center



3. Administrative Order by the State Government for the Cancer Registration Process

The State Program Officer (Cancer Control Cell) of the Government of Punjab has issued an administrative order to all hospitals in the state, which are empaneled under Mukhmantri Punjab Cancer Rahat Kosh Scheme, to provide the data of all cancer patients to the population-based cancer registries of Mansa, Sangrur and SAS Nagar. Due to Administrative support from the government of Punjab, we have very good co-operation from all the government hospitals and the private empaneled hospitals.

 NATIONAL PROGRAMME FOR PREVENTION AND CONTROL OF CANCER, DIABETES, CARDIOVASCULAR DISEASES & STROKE Directorate of Health & Family Welfare Room No 502, 4 th Floor, Sector 34 A, Chandigarh 0172-2605600	
No. NPCDCS/Pb/2013/	Dated:-11-03-2013
To	
1. Civil Surgeons Mohali, Sangrur and Mansa.	
2. All empanelled Hospitals under Mukh Mantri Punjab Cancer Rahat Kosh scheme.	
Subject :- Population Based Cancer Registries (PBCR) – An initiative by Punjab Government in collaboration with Tata Memorial Centre, Mumbai and PGIMER, Chandigarh.	
Population Based Cancer Registry in Urban and Rural areas in Chandigarh, Mohali and Sangrur, Mansa, urban and rural areas respectively, has already started since 1st Jan 2013. These registries will provide annual Cancer incidence, Mortality and trends of Cancer in Punjab.	
For the above said purpose, the teams will be visiting various institutions, Public and Private, in your area. As per the orders of Worthy PSHFW, Punjab, you are directed to co-operate and co-ordinate with them in every possible way to make this initiative taken by Punjab Government, a success.	
 State Programme Officer Cancer Control Cell	
No. NPCDCS/Pb/2013/	Dated:-11-03-2013
A copy of above is forwarded to:-	
1. PA to PSHFW, for information of Worthy PSHFW, Punjab please.	
2. PA to DHS, for information of Worthy DHS, Punjab please.	
3. Civil Surgeon Mohali, Sangrur and Mansa for information and necessary action please.	
4. All empanelled Hospitals (Public and Private) under Mukh Mantri Punjab Cancer Rahat Kosh.	

4. Population Covered by the Cancer Registry

Mansa district is divided into three subdivisions – Mansa, Budhlada, and Sardulgarh and these divisions are further divided into five blocks (Mansa (Mansa and Bhiki), Budhlada, Sardulgarh (Sardulgarh and Jhunir)⁵. As per the 2011 census, the total population of Mansa district is 769,751. Of the total population 606,147 (78.7%) is rural and 163,604 (21.3%) is urban⁴. Of the total population, males are 53.1% and females are 46.9%. The population as per the 2011 census is mentioned in Table 4.

Table 4: Mansa district Population as per Census 2011

Area	No. of Households	Total	Male	Female
Rural	117232	606147 (78.7%)	322184	283963
Urban	32398	163604 (21.3%)	86548	77056
Total	149630	769751	408732 (53.1%)	361019 (46.9%)

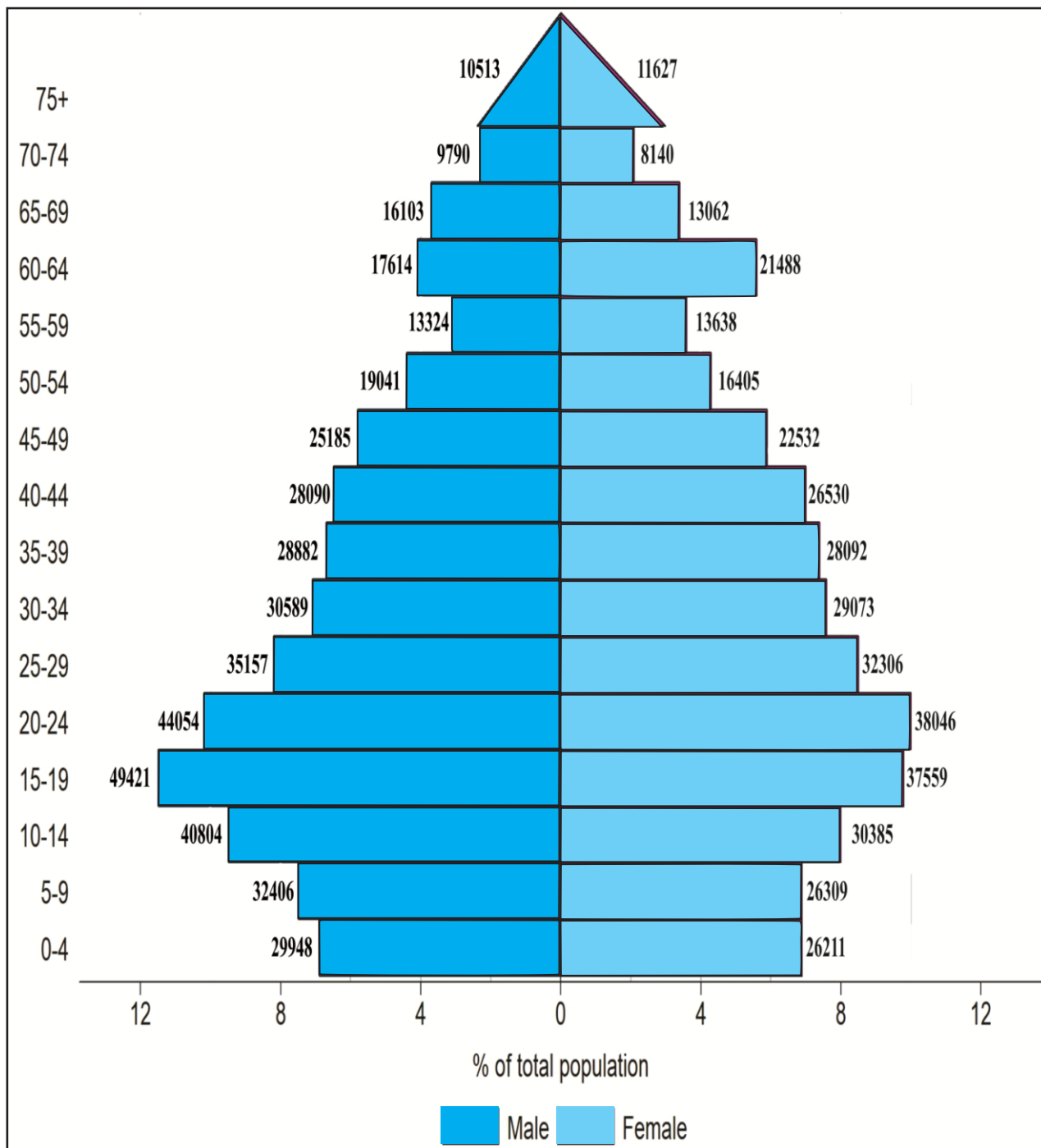
Estimated Population of Mansa district in 2015-2016

The registry population for 2015-2016 was estimated by the exponential growth rate; using the growth rate for the 2001 to 2011 census population. As a result, in 2015-2016 the average number of males is 430,921 and females are 381,403. More than 75% of the population is rural and depends on agricultural activities. The average estimated population of 2015-2016 is presented in Table 5. The population pyramid of Mansa district is shown in Figure 3.

Table 5: Average estimated Population of Mansa district as of 1st July (2015-2016)

Age Group	Male		Female		Total	
	Number	%	Number	%	Number	%
0_4	29948	6.9	26211	6.9	56159	6.9
5_9	32406	7.5	26309	6.9	58715	7.2
10_14	40804	9.5	30385	8.0	71189	8.8
15_19	49421	11.5	37559	9.8	86980	10.7
20_24	44054	10.2	38046	10.0	82100	10.1
25_29	35157	8.2	32306	8.5	67463	8.3
30_34	30589	7.1	29073	7.6	59662	7.3
35_39	28882	6.7	28092	7.4	56974	7.0
40_44	28090	6.5	26530	7.0	54620	6.7
45_49	25185	5.8	22532	5.9	47717	5.9
50_54	19041	4.4	16405	4.3	35446	4.4
55_59	13324	3.1	13638	3.6	26962	3.3
60_64	17614	4.1	21488	5.6	39102	4.8
65_69	16103	3.7	13062	3.4	29165	3.6
70_74	9790	2.3	8140	2.1	17930	2.2
75+	10513	2.4	11627	3.0	22140	2.7
Total	430921	100.0	381403	100.0	812324	100.0

Figure 3: Population Pyramid of Mansa district on 1st July (2015-2016)



5. Cancer Registration Method

Cancer Incidence Cases

Trained social workers and field investigators of the registry visit the allotted villages periodically (in a period of 6 to 8 months) to identify the cancer cases diagnosed in the area as well as cancer deaths noted in the village administrative office. Field staff interacts with the village sarpanch, ANMs, Anganwadi workers, ASHA workers and a medical officer of the primary health center and collects the information of cancer cases diagnosed in the villages and also about cancer deaths that have occurred in the villages. The social worker takes detailed information about the cancer case and visits the patient's house along with the ASHA workers. The field staff interacts with the patient or patient's relatives and asks the following questions:

- When was the patient diagnosed with cancer?
- Does the patient have a case file number with the treating hospital?
- Does the patient have a discharge report, biopsy report, or CT scan report?

The social worker notes down the information available with the patient. As per the information provided by the patient/patient's relatives, the field staff communicates with the treating cancer center, collects the clinical details of the patient, and registers the cancer case in the prescribed proforma. In case of not getting access to the medical records of the patient, staff registers the case based on the information provided by the patient/patient's relative.

Cancer Death Cases

During the village visit, the field/ social worker inquires about cancer deaths. The social worker also collects the death case information from the village birth and death registrar office. In the same manner as the cancer incidence cases, the field staff interacts with the patient's relative and collects information regarding cancer death. The information provided by the relatives is matched with the medical records available in the cancer registry and the cancer death is registered.

During the field visit, field staff may come across the cases diagnosed before 2015. In this situation, the field staff takes detailed information of the cancer case and maintains the data in the registry office. In the second visit, field staff updates the status of the cancer cases. If there is any death of the prevalent case in that year, then after matching with the registry record, the cancer death is registered.

Cancer Prevalence Cases

During the field visit, field staff comes across the cases diagnosed before 2015. The field staff takes detailed information of the cancer case from the patient's relative and maintain the data in the registry office. In the second visit, field staff updates the status of the cancer cases. If

there is any death of the prevalent case in that year, then after matching with the registry record the cancer death is registered.

Data Checking

All the cases collected by the field staff from the villages as well as from the hospitals are scrutinized by a senior staff member. After residence confirmation (residence of the area for at least one year) the cancer case information is documented in the prescribed format. The primary site and histology are coded based on ICD-O3⁷.

Data Entry

The data entry is carried out in the CanReg5 software developed by the International Agency for Research on Cancer, Lyon, France⁸.

After completion of the quality check, the cancer incidence and death cases are registered. The cancer registration process is presented in Figure 4.

Cancer Case Data Collection from Hospitals and Nursing Centers

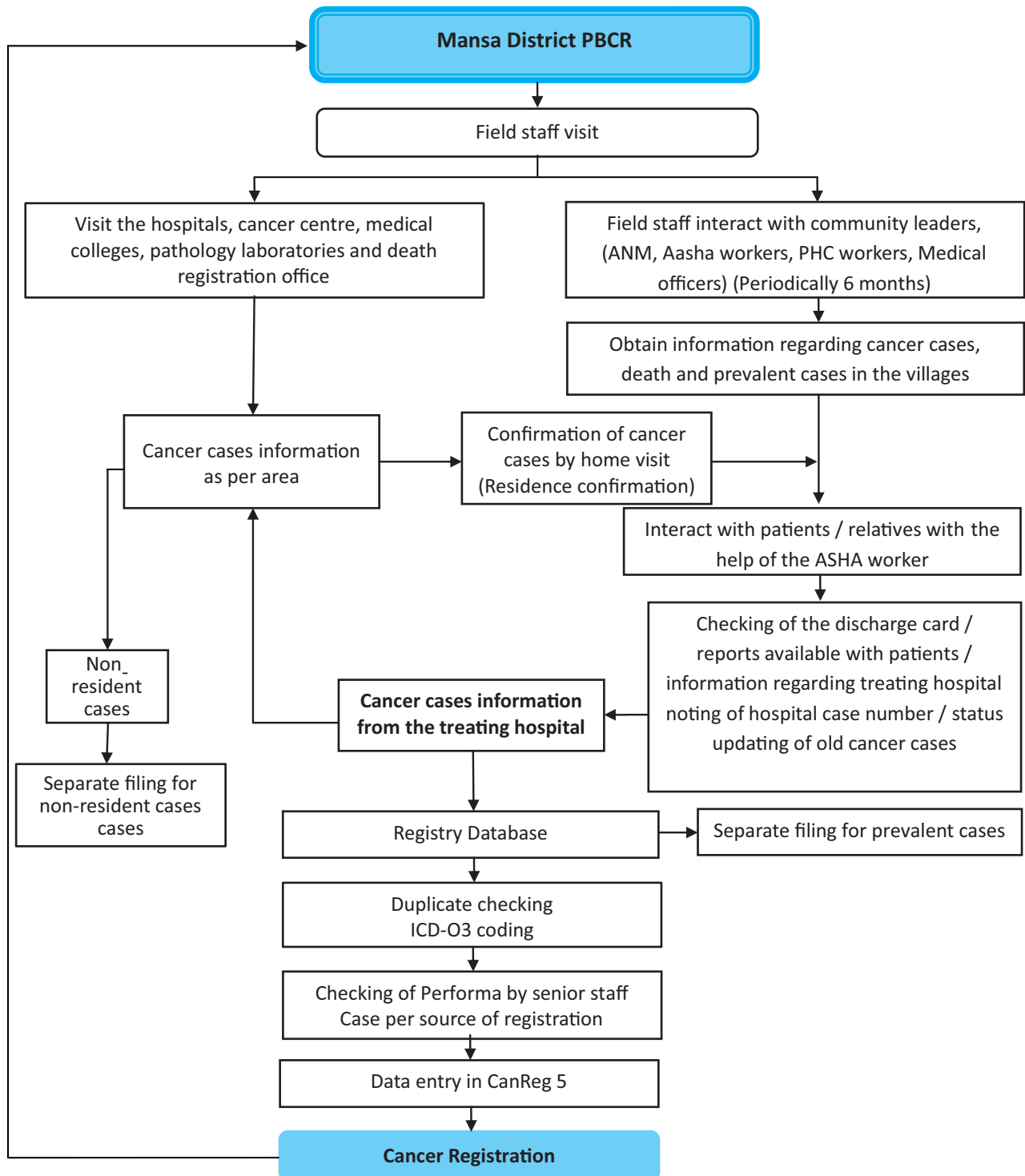
The registry staff regularly visits the following centers to collect information on the cancer cases and death cases of the Mansa district. The Chandigarh and SAS Nagar PBCR staff appointed by TMC regularly visits all the hospitals of Chandigarh and the SAS Nagar area to collect cancer case data. They provide the cancer case data to the cancer registry staff of Mansa during their monthly meeting at PGIMER, Chandigarh. The different sources of data collection are mentioned in Table 6.

Table 6: Different Sources of Data Collection

Sr. No.	Institution Name	Place
1	Cancer Control Cell	Mansa
2	Sub District Hospital Sardulgarh	Mansa
3	Community Health Centre Jhunir	Mansa
4	Community Health Centre Bhikhi	Mansa
5	Community Health Centre Khiala Kalan	Mansa
6	Community Health Centre Budhlada	Mansa
7	Raikhya Nursing Home	Mansa
8	Janak Raj Nursing Home	Mansa
9	Jindal Diagnostic Center	Mansa
10	Brar Nursing Home	Mansa
11	Sran Hospital	Mansa
12	Akashdeep Nursing Home	Mansa
13	Dr. Amritpal Nursing Home	Mansa

Sr. No.	Institution Name	Place
14	Medilife Cancer Research Center	Mansa
15	Chandigarh Path Lab	Mansa
16	Ankush Path lab	Mansa
17	Paul Path lab	Mansa
18	Satyam Diagnosis Center	Mansa
19	Mansa (Birth & Death register)	Mansa
20	Sardulgarh (Birth & Death register)	
21	Budhlada (Birth & Death register)	
22	Homi Bhabha Cancer Hospital	Sangrur
23	Cancer Control Cell	Bhatinda
24	Bansal Cancer Hospital	Bhatinda
25	Dhillon Hospital	Bhatinda
26	Max Hospital	Bhatinda
27	Punjab Cancer Care	Bhatinda
28	Dr. Monika Path Lab	Bhatinda
29	Dr. Deepali Path Lab and Cancer diagnostic center	Bhatinda
30	Sheena Path Lab	Bhatinda
31	Harmone Path Lab	Bhatinda
32	Bhatinda (Birth & Death register)	Bhatinda
33	Post Graduate Institute of Medical Education and Research/PBCR Chandigarh	Chandigarh
34	Govt. Multispecialty hospital sector 32	Chandigarh
35	Rajindra Medical Hospital	Patiala
36	Amar Hospital	Patiala
37	Dr. Lal Path Lab	Patiala
38	Mohandai Oswal Cancer Hospital	Ludhiana
39	Dayanad Medical College & Hospital	Ludhiana
40	Christian Medical College & Hospital	Ludhiana
41	Max Super specialty	SAS Nagar
42	Fortis Hospital	SAS Nagar
43	Guru GobindSingh Medical College & Hospital	Faridkot
44	Acharya Tulsi das Regional Cancer Center Research & Hospital	Bikaner
45	Shiromani Gurudwara Prabhantak committee (SGPC)	Amritsar

Figure 4: Cancer Registration Method



6. Community Involvement in the Cancer Registration Process

Cancer patients from this area travel 60 km to 360 km for cancer treatment. It is practically difficult for the registry staff to visit these all centers regularly. The Punjab Government has conducted a door to door campaign and household survey to know the prevalence of cancer in each district of the state⁹. Due to these programs, the community leaders are aware of the importance of the disease and cancer registration process. The primary health center staff such as ANM and the supportive staff, Anganwadi workers, and ASHA workers keep the information on the cancer incidence and death cases that have occurred in the village. Trained field staff from the registry continuously interacts with these community members to obtain information about cancer cases in the villages.

Due to community interaction, we are 100% sure about the residence confirmation of the cancer cases. Interaction with the patients/patient's relatives provide s demographic information such as education, income, religion, etc. Regular village visits and communications with the community leaders have enabled us to update the status of the cancer patients, which will be utilized for the cancer survival analysis. Initially, two major cancer centers refused to provide cancer case data. In this situation, field visits and interactions with community leaders enabled us to get information about the cancer cases from the villages and also we could contact patients / their relatives through these community leaders. **As compared to the previous year, we have interacted more with the urban community leaders and our case finding process has improved in the urban area compared to the year 2013 and 2014^{15,16}.** In the previous year, we have interacted with 1,699 community leaders; while in 2015-2016, we have interacted with 1,826 community representatives from the entire district.

Registry staff interacted with community leaders and primary health center staff to know the diagnosed cancer cases. The detail of the same by block is presented in Table 7.

Table 7: Community Leaders/Primary Health Centre Staff Involved in the Cancer Registration Process

Block Name	Sarpanch	Municipal Corporators (MC)	Senior Medical Officer	Medical Officer (MO)	Block Extension Educator	Auxiliary Nurse Midwife (ANM)	Accredited Social Health Activists Workers	Anganwadi Workers	Multi-Purpose Health Worker	Community Health Officer	Total
KhialaKalan	72	38	3	16	1	47	207	234	25	11	654
Budhlada	82	28	2	9	1	48	224	286	7	7	694
Sardulgarh	88	21	2	15	1	48	145	140	10	8	478
Total	242	87	7	40	3	143	576	660	42	26	1826

7. Quality Control

Mortality to Incidence Ratio

The mortality to incidence or M/I ratio is an indicator of the completeness and accuracy of cancer registry data. In the year 2015-2016, 1026 incidence cases (479 males and 547 females) have been registered. For the same period, 714 cancer deaths have been registered (374 males and 340 females). The overall M/I ratio is 70%. It is 78% for males and for females, it is 62%. The reported M/I ratio is comparable with the other rural cancer registries in the country ¹.

Interaction with Pathologists/Clinicians

A quality control exercise was carried out for the improvement of the records. After cancer cases registration, field workers discussed any difficulties regarding data abstraction or ICD coding with the clinician/ pathologist of HBCH, Sangrur. TMC team also visited the registry for quality control. During the quality control exercise, it was observed that staff were needed to be retrained in the abstraction of cases with the primary site unknown, metastatic cases, and lymphoma-leukemia cases. Based on the results, the staff members were retrained at TMC, Mumbai. The data were modified and re-entered.

Incidence Rates of Childhood Cancers

In the year 2015-2016, we registered 13 cancer cases in boys and 9 in girls. The age-specific rates reported for the pediatric cancer is mentioned in Table 8.

Table 8: Incidence Rate of Pediatric Cancer Cases in Mansa district: 2015-2016

Age group	Boys		Girls	
	Number of cases	Age -Specific Rate	Number of cases	Age -Specific Rate
0-4	3	5.0	3	5.7
5-9	2	3.1	2	3.8
10-14	8	9.8	4	6.6
AAR per 1,000,000 population (AAR per million)	57.8		53.5	

The age-adjusted incidence rate for the pediatric age group (0-14) was 57.8 per million in boys and 53.5 per million in girls. As per the international incidence of childhood cancer volume III, the incidence rate of boys is less than 60 per million. The registry data indicate a low age-adjusted incidence rate which can be due to missed cancer cases in the pediatric age group¹⁰.

The microscopic confirmation was 92.3% in boys and 77.8% in girls.

Microscopic Verification of the Cases

In the year of 2015-2016, out of 479 male cases, 387 (80.8%) were diagnosed with microscopic verification. 5.8% of cases were diagnosed based on radiological findings. Out of total other and unspecified cancer cases around 15% cases were diagnosed on radiology basis (e.g. lymph node, primary site unknown cases). In females, out of 547 cases 472 cases (86.3%) were diagnosed with microscopic verification. Around 4.9% of cases were diagnosed on radiological findings. There may be under-registration of the clinically diagnosed cases.

Death Certificate Only (DCO Cases)

We have registered 33 (6.9%) male cases and 19 (3.5%) female cases under the DCO. The death cases also have been registered based on narration, relative remarks, and/or discharge summary available with the patient's relative. In principle, they are not registered based on the death certificate only because the death certificate does not have the documentation as a cancer death.

As Per Source Case Registration

We have seen cases per source of registration. The cases were counted as per source notification. In Mansa, the per source cases of registration is 2.1. The coverage of sources is very good.

8. Cancer Cases Registered by Source of Registration – First Source of Information

The first source of information about the cancer case diagnosed/ cancer death is from the village visit resulted due to interaction with the community. After documentation, these cases were further confirmed from hospital records. **More than 25% of cases the first source of information is from the village visit. As compared with the previous year, the first source of registration as a village visit has decreased by 27% (from 54% to 27%).** The cancer incidence and death cases registered by the source of registration are mentioned in Table 9 and Table 10.

Table 9: Cancer Cases Information from the First Source of Cancer Registration

Sr. No.	Source of registration	Male	%	Female	%	Total	%
1	Village Visit	138	28.8	137	25.0	275	26.8
2	Guru Gobind Singh Medical College and Hospital, Faridkot	120	25.1	189	34.6	309	30.1
3	Civil Hospital Mansa (Cancer Cell or MMPCRKS)	56	11.7	66	12.1	122	11.9
4	Post Graduate Institute of Medical Education and Research, Chandigarh	43	9.0	43	7.9	86	8.4
5	Homi Bhabha Cancer Hospital Sangrur	33	6.9	45	8.2	78	7.6
6	Acharya Tulsidas Cancer Research Center, Bikaner	28	5.8	20	3.7	48	4.7
7	Max Super Specialty Hospital, Bhatinda	15	3.1	11	2.0	26	2.5
8	Birth and Death Registrar Office, Dist. Mansa	12	2.5	7	1.3	19	1.9
9	Punjab Cancer Care, Bathinda	12	2.5	7	1.3	19	1.9
10	Mohandai Oswal Hospital, Ludhiana	4	0.8	7	1.3	11	1.1
11	Government Medical College and Hospital, Chandigarh	6	1.3	5	0.9	11	1.1
12	Rajindra Hospital, Patiala	1	0.2	4	0.7	5	0.5
13	Fortis Hospital, SAS Nagar	3	0.6	2	0.4	5	0.5
14	Dayanad Medical College and Hospital, Ludhiana	3	0.6	1	0.2	4	0.4
15	Indus Hospital SCF 99-100,SAS Nagar	2	0.4	-	-	2	0.2
16	Raikhya Nursing Home, Mansa	2	0.4	-	-	2	0.2
17	Grace Hospital and Renal Care Clinic,SAS Nagar	-	-	1	0.2	1	0.1
18	IVY, SAS Nagar	-	-	1	0.2	1	0.1
19	Max Super Specialty Hospital, Mohali	-	-	1	0.2	1	0.1
20	Civil Hospital, Bathinda	1	0.2	-	-	1	0.1
Total		479	100.0	547	100.0	1026	100.0

Table 10: Cancer Death Information by the First Source of Cancer Registration

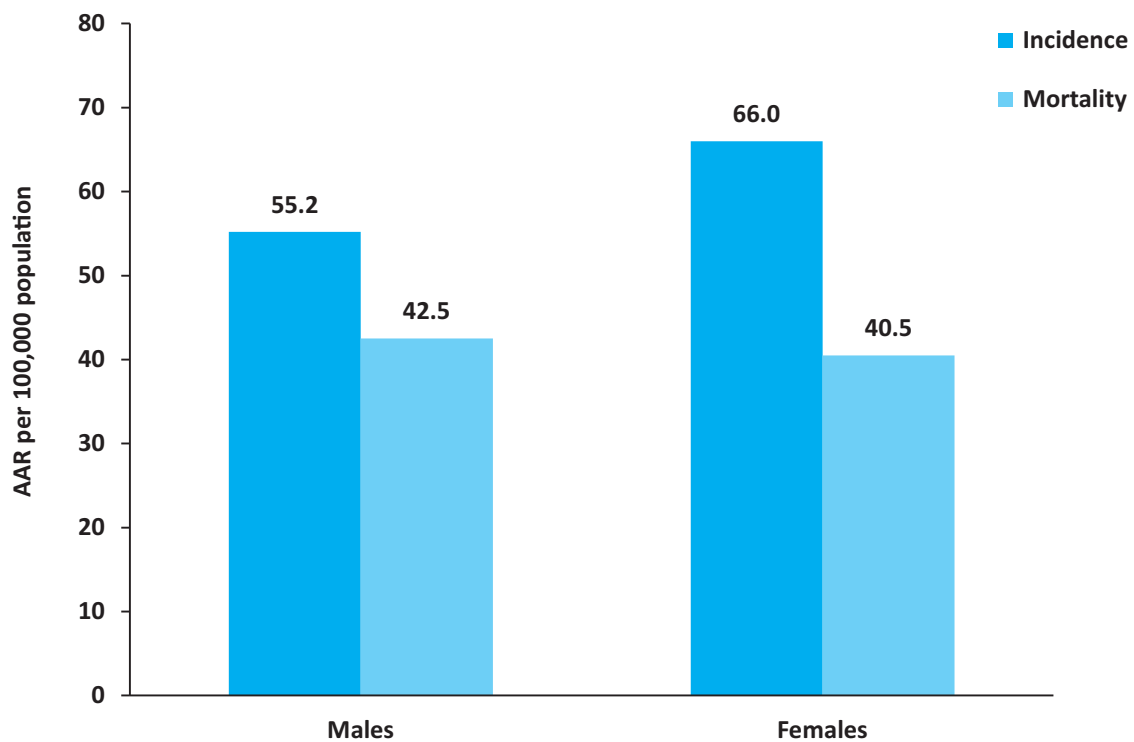
Sr. No.	Source of Registration	Male	%	Female	%	Total	%
1	Village Visit	248	66.3	236	69.4	484	67.8
2	Birth and Death Registrar Office, Dist. Mansa	45	12.0	35	10.3	80	11.2
3	Guru Gobind Singh Medical College and Hospital Faridkot	26	7.0	28	8.2	54	7.6
4	Post Graduate Institute of Medical Education and Research, Chandigarh	13	3.5	10	2.9	23	3.2
5	Acharya Tulsi Das Cancer Research Center, Bikaner	9	2.4	3	0.9	12	1.7
6	Homi Bhabha Cancer Hospital Sangrur	9	2.4	12	3.5	21	2.9
7	Max Super Specialty Hospital, Bhatinda	6	1.6	5	1.5	11	1.5
8	Government Medical College and Hospital, Chandigarh	4	1.1	2	0.6	6	0.8
9	Rajindra Hospital, Patiala	2	0.5	4	1.2	6	0.8
10	Punjab Cancer Care, Bhatinda	5	1.3	1	0.3	6	0.8
11	Mohandai Oswal Hospital, Ludhiana	2	0.5	2	0.6	4	0.6
12	Dayanad Medical College and Hospital, Ludhiana	1	0.3	-	-	1	0.1
13	Raichy Nursing Home, Mansa	1	0.3	-	-	1	0.1
14	Dr. Amritpal Nursing Home, Mansa	1	0.3	-	-	1	0.1
15	Grace Hospital and Renal Care Clinic, SAS Nagar	-	-	1	0.3	1	0.1
16	Max Super Specialty Hospital, Mohali	-	-	1	0.3	1	0.1
17	Fortis Hospital, SAS Nagar	1	0.3	-	-	1	0.1
18	Akashdeep Nursing Home, Mansa	1	0.3	-	-	1	0.1
Total		374	100.0	340	100.0	714	100.0

9. Cancer Incidence and Mortality – All Sites

In the year 2015-2016, the cancer registry registered 1026 cancer cases. In males, there were 479 cases and in females, 547 cases. The age-adjusted incidence rate for males is 55.2 per 100,000 population and for females, it is 66.0 per 100,000 population.

In the year 2015-2016, the cancer registry registered 714 cancer deaths. In males, there were 374 deaths and in females, 340 deaths. The age-adjusted mortality rate for males is 42.5 per 100,000 population and for females, it is 40.5 per 100,000 population. The cancer incidence and mortality rates for all sites for males and females are presented in Figure 5.

Figure 5: All Sites Cancer Incidence and Mortality Rate by Sex



10. Leading Cancer Sites

In males; Oesophagus, Liver, Lung, Prostate, Tongue, Mouth, Urinary bladder, Brain, Myeloid Leukemia and Gall Bladder are the leading cancer sites. The top ten leading cancer site are presented in Figure 6. In females; Breast, Cervix uteri, Oesophagus, Ovary, Gall Bladder, Myeloid Leukemia, Liver, Lung, NHL, and Pancreas cancer are the leading cancer sites. The top ten 10 leading cancer sites are presented in Figure 7.

Figure 6: Leading Cancer Sites in Males (Figures in parenthesis indicate the percentage)

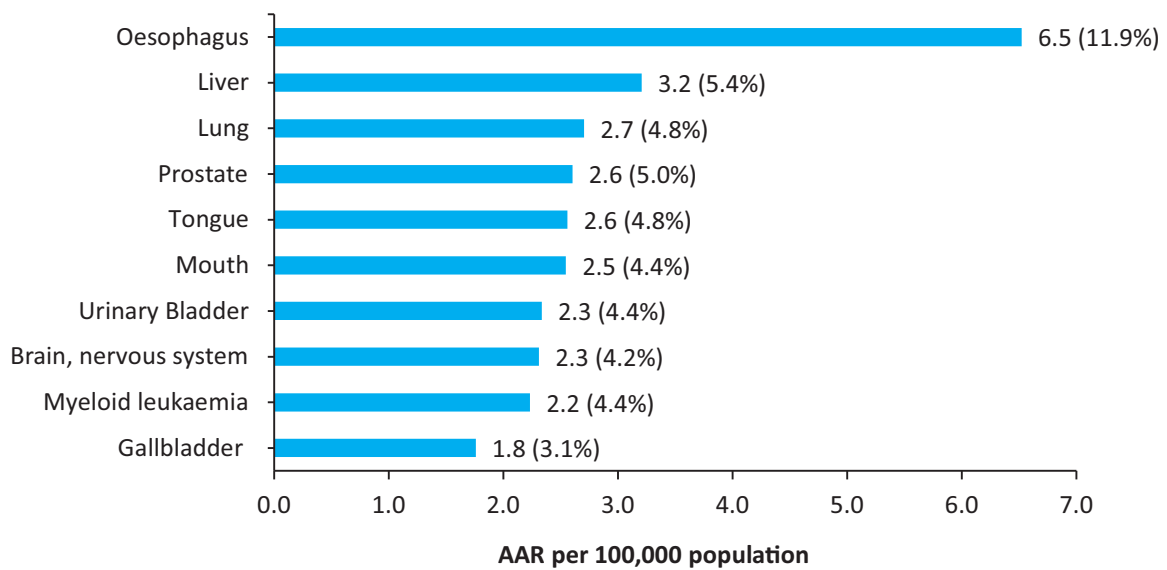
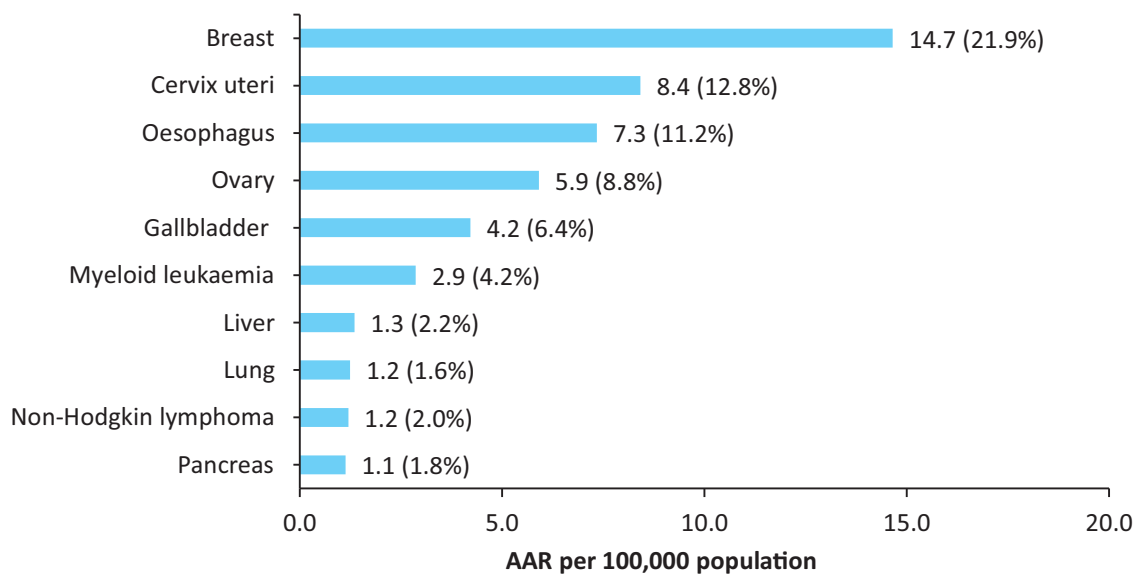


Figure 7: Leading Cancer Sites in Females (Figures in parenthesis indicate the percentage)



Cancer of Oesophagus (C15) (2015-2016)

	Male	Female
Number of cases	57	61
% to total cases	11.9	11.2
Crude incidence rate per 100,000	6.6	8.0
Age adjusted incidence rate per 100,000	6.5	7.3
Truncated rate per 100,000	14.6	15.5

Figure 8: Age-Specific Incidence Rate of Ca Oesophagus

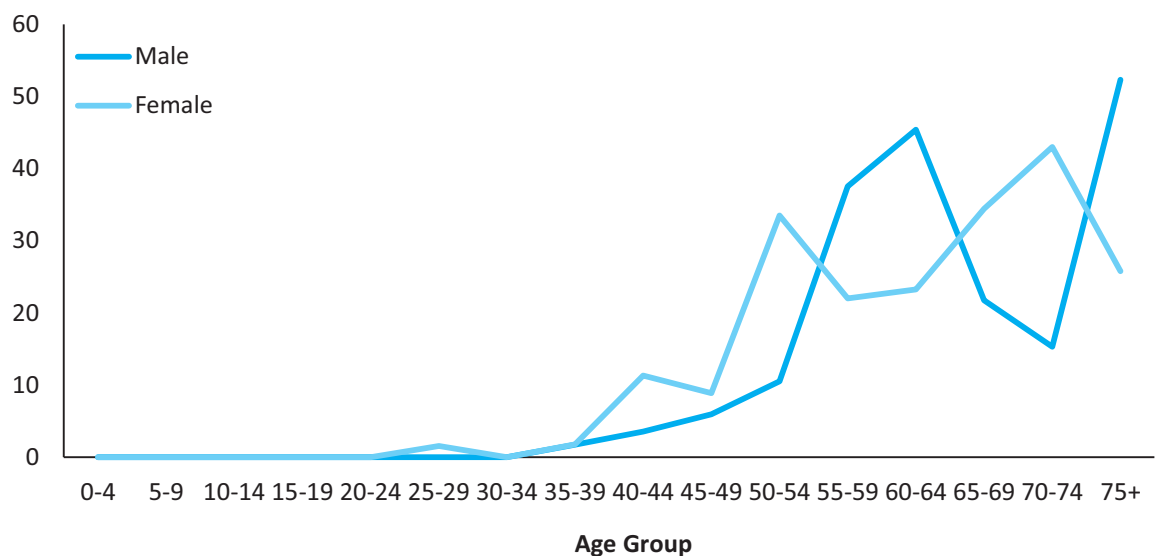
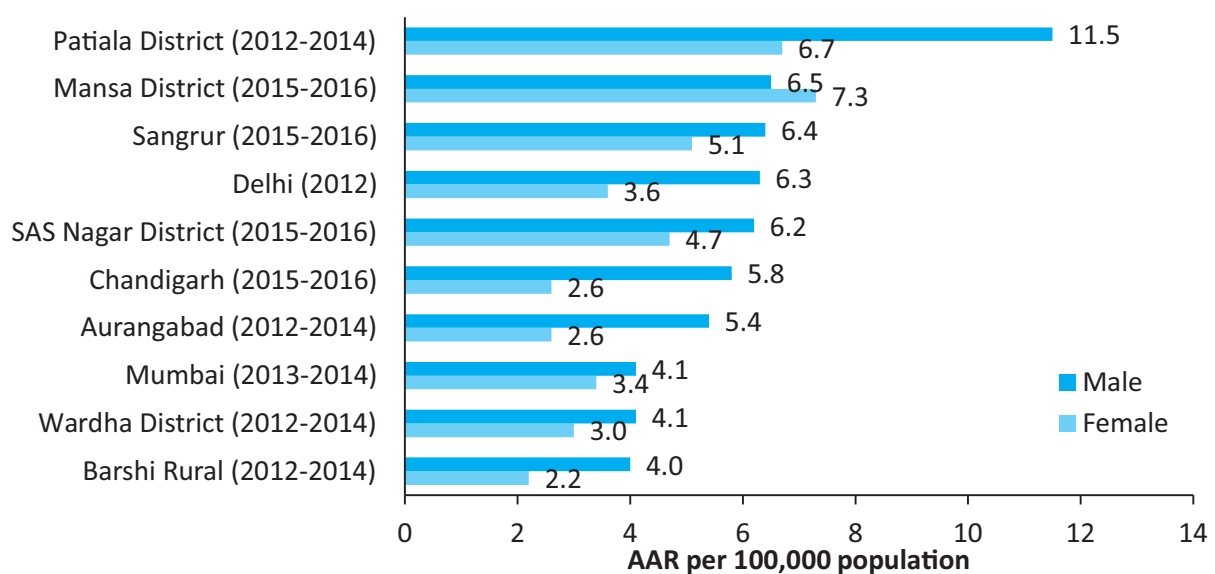


Figure 9: Comparison of Oesophagus Cancer Incidence Rate with Other Indian Registries



Cancer of Liver (C22) (2015-2016)

	Male	Female
Number of cases	26	12
% to total cases	5.4	2.2
Crude incidence rate per 100,000	3.0	1.6
Age adjusted incidence rate per 100,000	3.2	1.3
Truncated rate per 100,000	8.8	3.0

Figure 10: Age-Specific Incidence Rate of Ca Liver

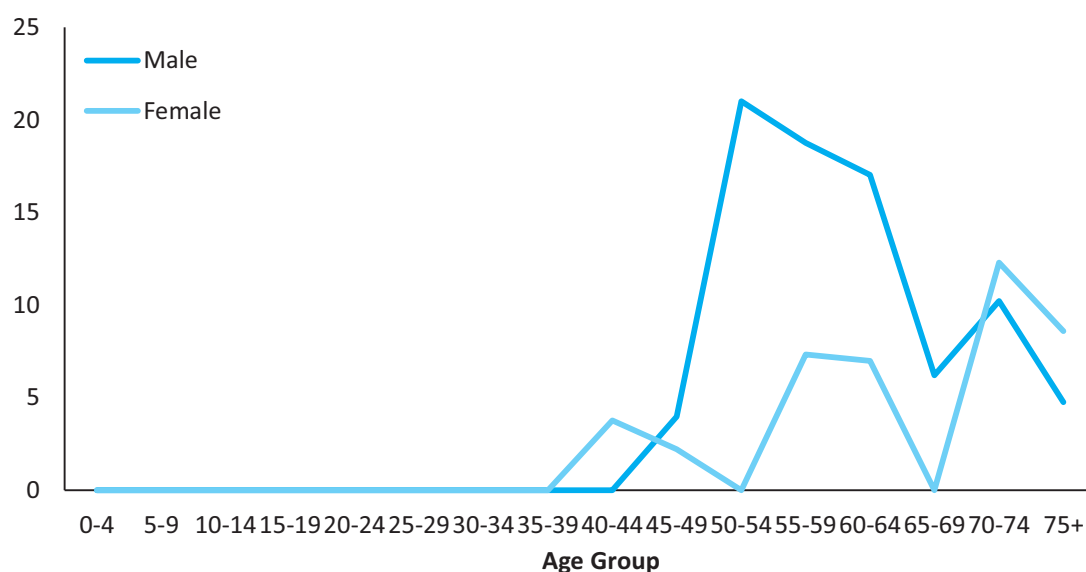
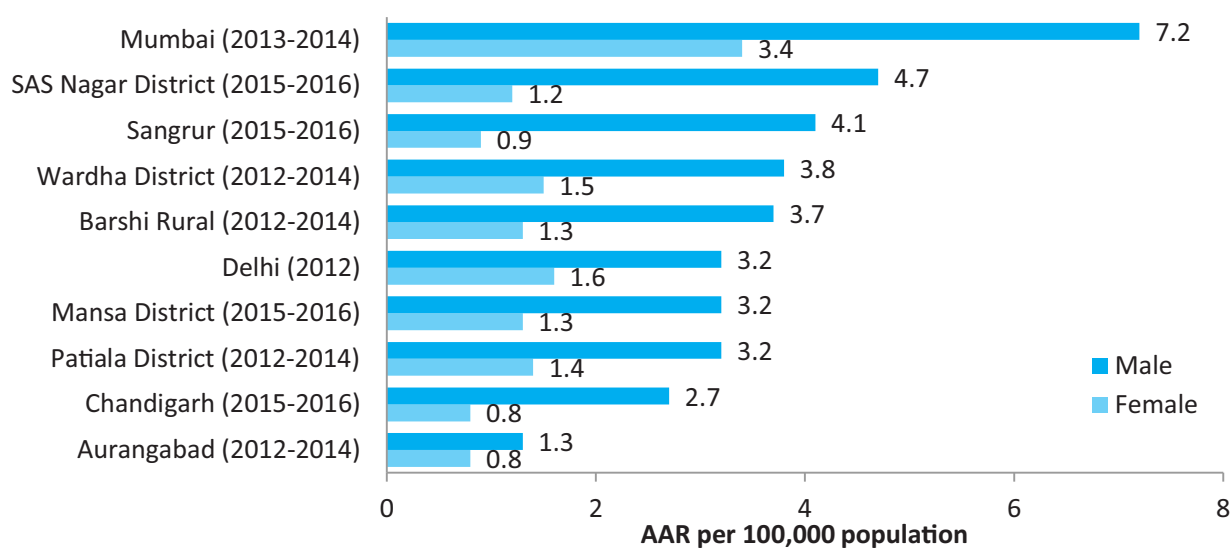


Figure 11: Comparison of Liver Cancer Incidence Rate with Other Indian Registries



Cancer of Lung (C33-34) (2015-2016)

	Male	Female
Number of cases	23	9
% to total cases	4.8	1.6
Crude incidence rate per 100,000	2.7	1.2
Age adjusted incidence rate per 100,000	2.7	1.2
Truncated rate per 100,000	5.5	3.2

Figure 12: Age-Specific Incidence Rate of Ca Trachea, bronchus, and lung

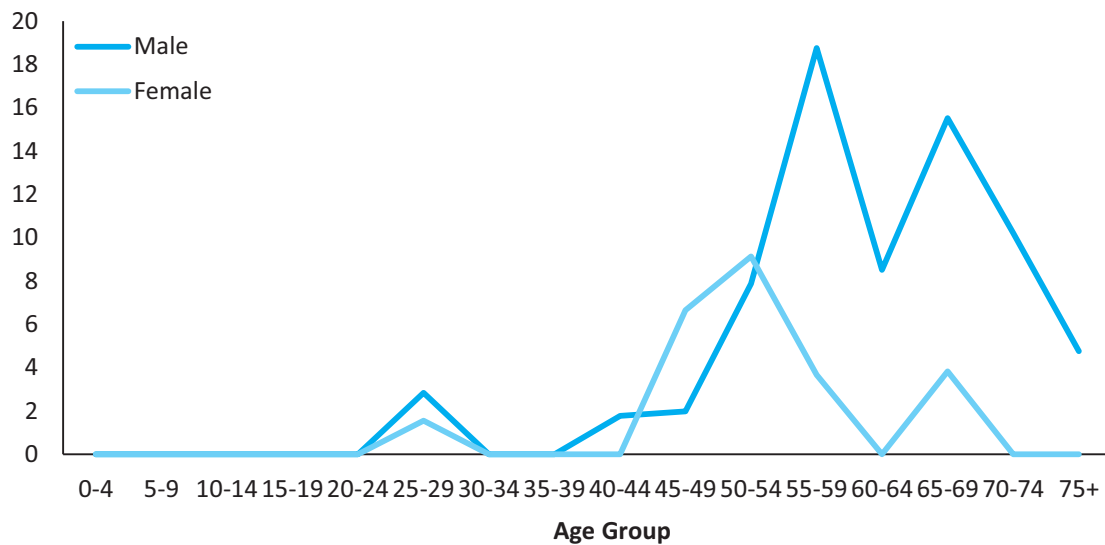
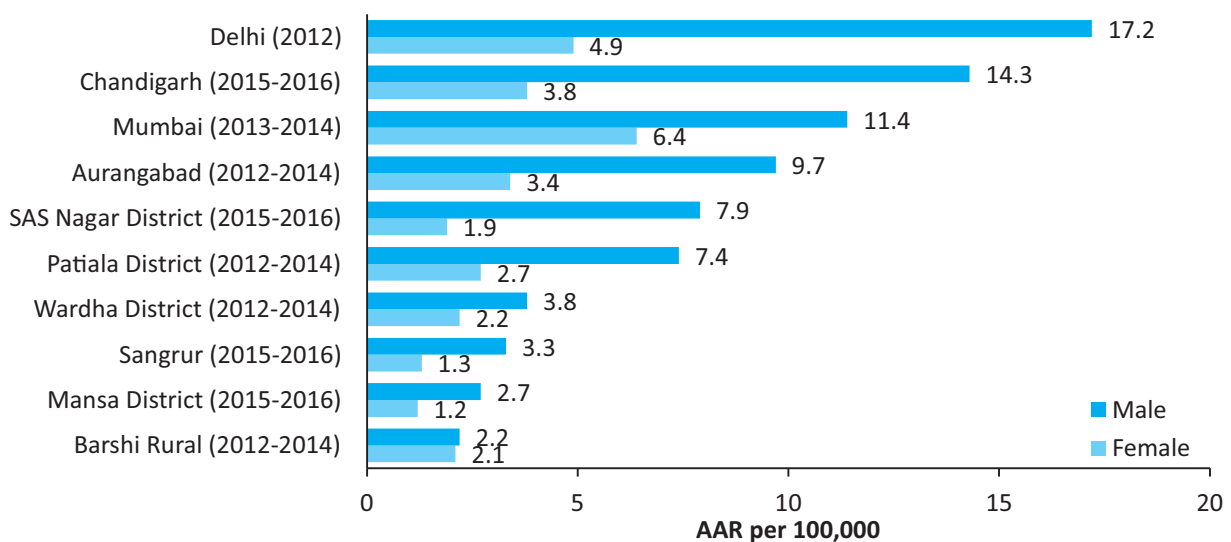


Figure 13: Comparison of Trachea, bronchus and lung Cancer Incidence Rate with Other Indian Registries



Cancer of Tongue (C01-02) (2015-2016)

	Male	Female
Number of cases	23	3
% to total cases	4.8	0.5
Crude incidence rate per 100,000	2.7	0.4
Age adjusted incidence rate per 100,000	2.6	0.4
Truncated rate per 100,000	6.9	0.8

Figure 14: Age-Specific Incidence Rate of Ca Tongue

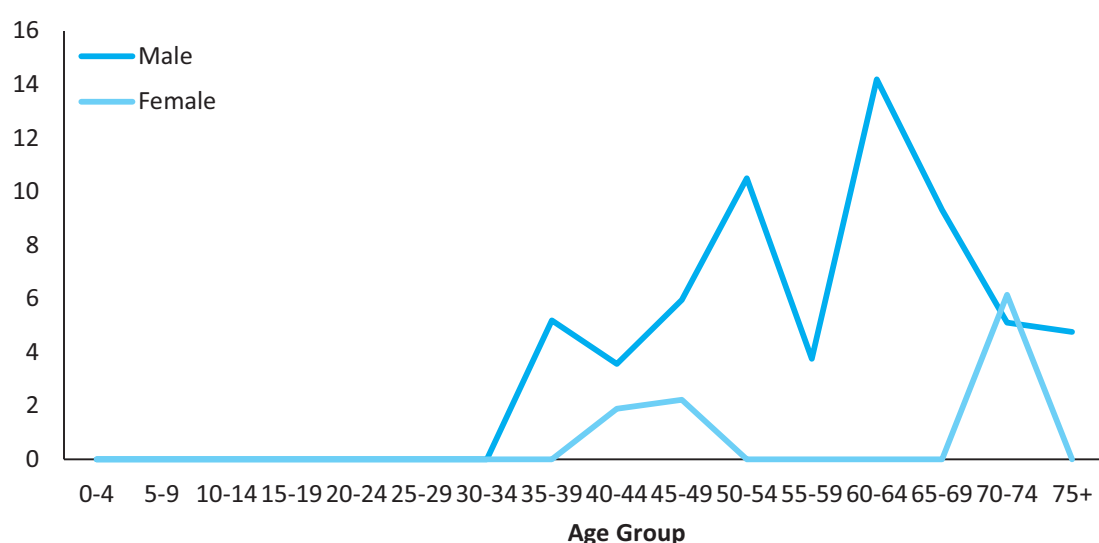
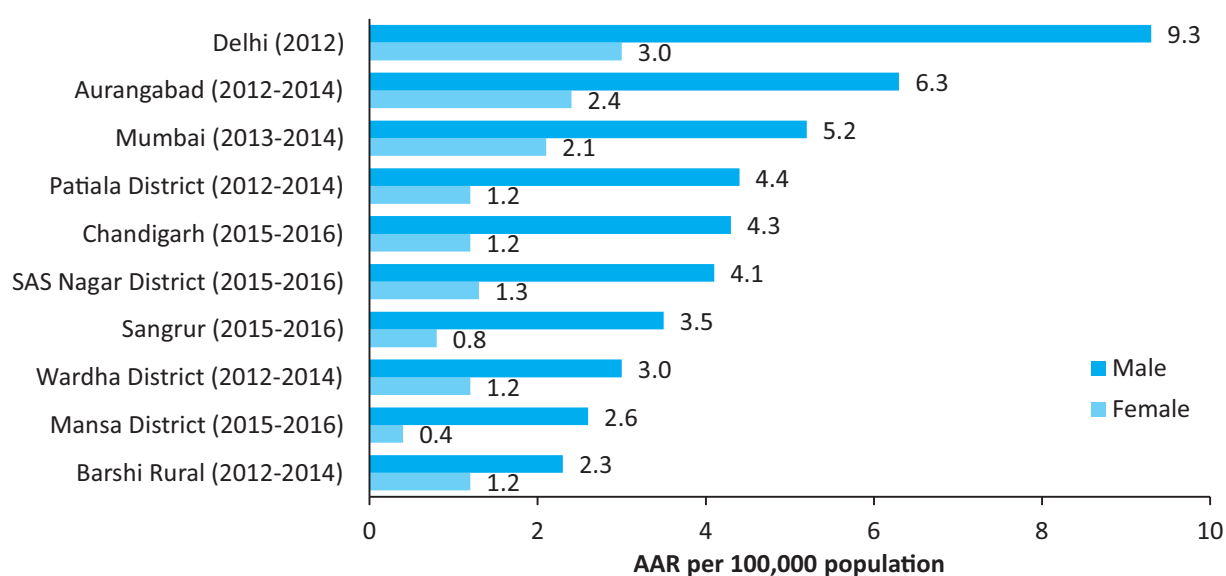


Figure 15: Comparison of Tongue Cancer Incidence Rate with Other Indian Registries



Cancer of Prostate (C61) (2015-2016)

Number of cases	24
% to total cases	5.0
Crude incidence rate per 100,000	2.8
Age-adjusted incidence rate per 100,000	2.6
Truncated rate per 100,000	2.9

Figure 16: Age-Specific Incidence Rate of Ca Prostate

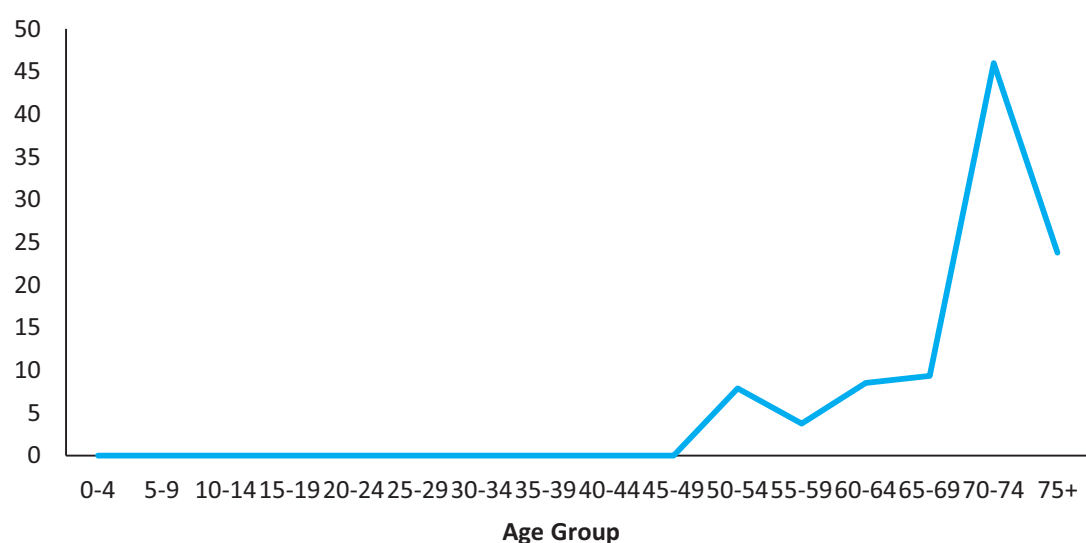
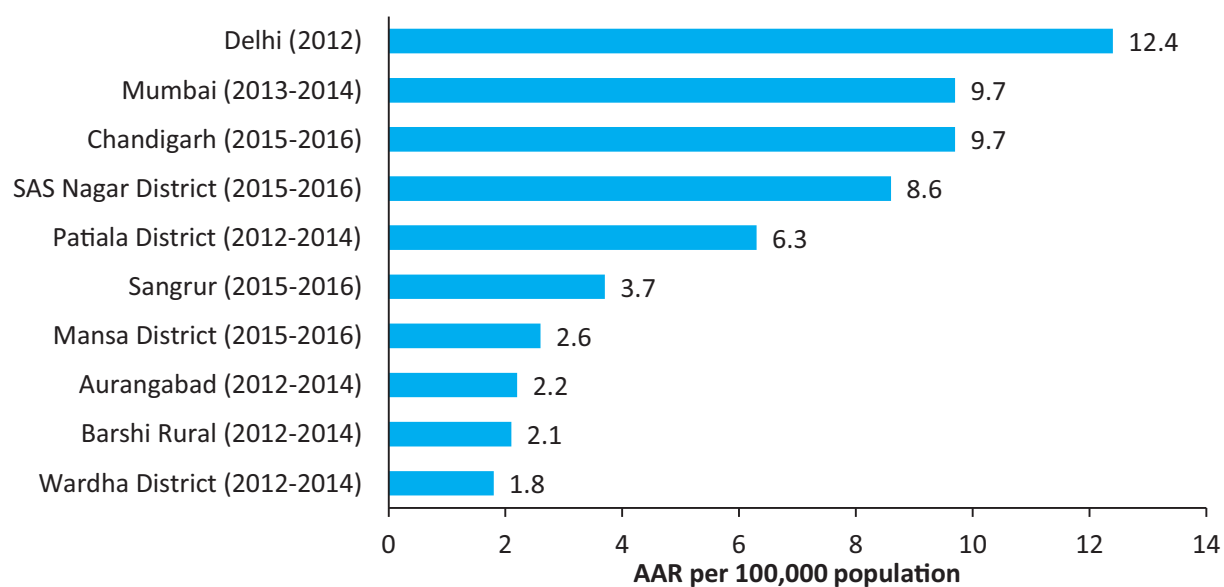


Figure 17: Comparison of Prostate Cancer Incidence Rate with Other Indian Registries



Cancer of Breast (C50) (2015-2016)

Number of cases	120
% to total cases	21.9
Crude incidence rate per 100,000	15.7
Age-adjusted incidence rate per 100,000	14.7
Truncated rate per 100,000	37.1

Figure 18: Age-Specific Incidence Rate of Ca Breast

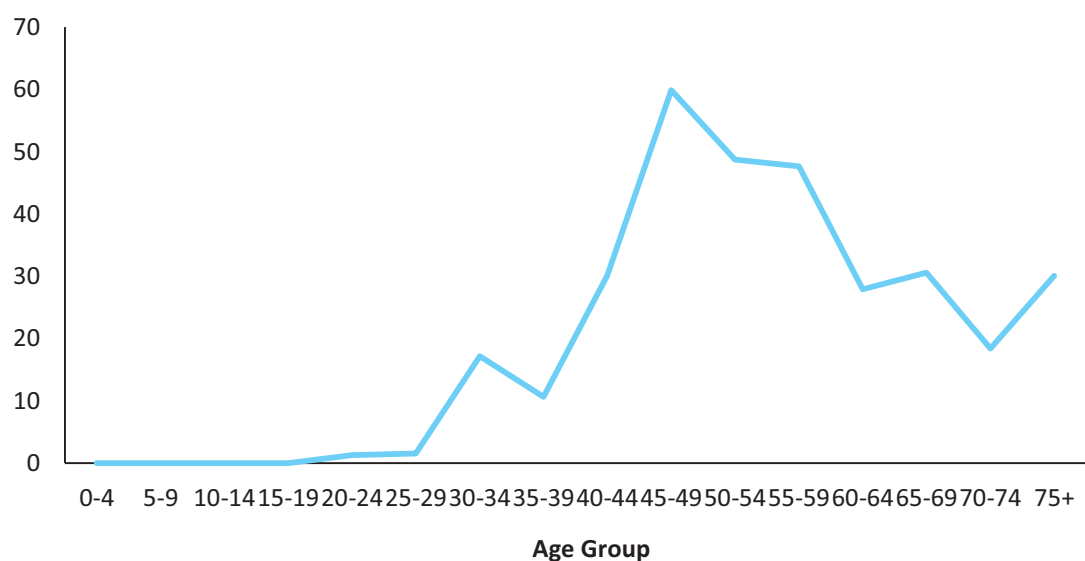
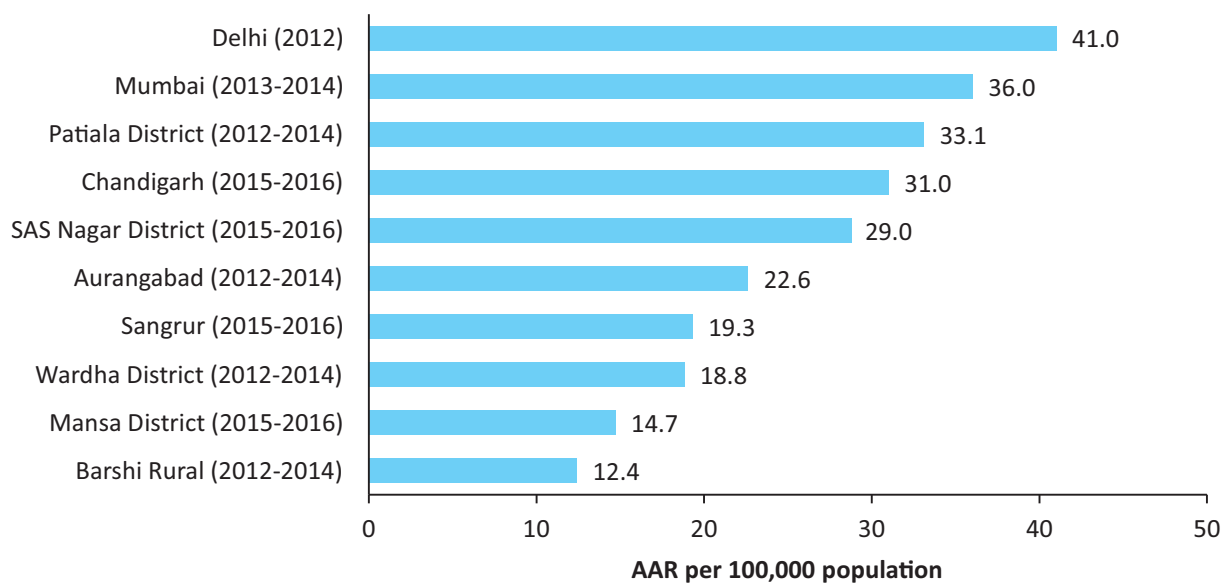


Figure 19: Comparison of Breast Cancer Incidence Rate with Other Indian Registries



Cancer of Cervix Uteri (C53) (2015-2016)

Number of cases	70
% to total cases	12.8
Crude incidence rate per 100,000	9.2
Age-adjusted incidence rate per 100,000	8.4
Truncated rate per 100,000	21.9

Figure 20: Age-Specific Incidence Rate of Ca Cervix Uteri

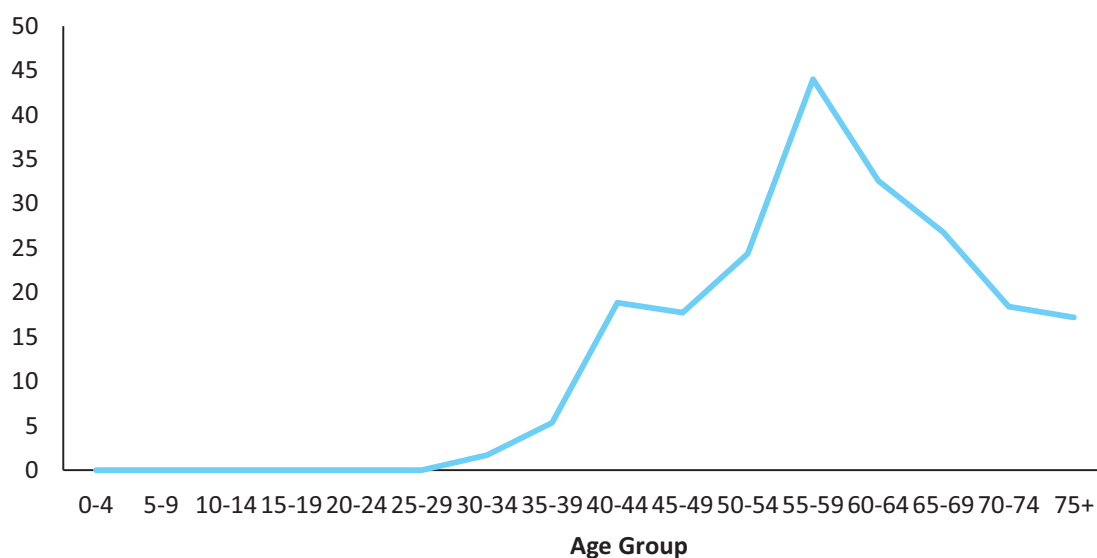
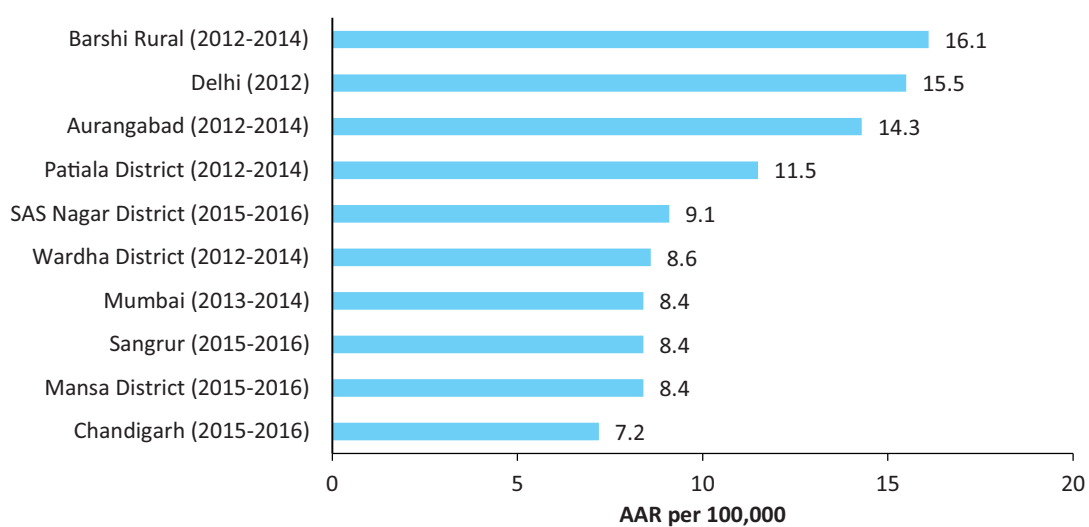


Figure 21: Comparison of Cervix Uteri Cancer Incidence Rate with Other Indian Registries



Cancer of Ovary (C56) (2015-2016)

Number of cases	48
% to total cases	8.8
Crude incidence rate per 100,000	6.3
Age-adjusted incidence rate per 100,000	5.9
Truncated rate per 100,000	13.4

Figure 22: Age-Specific Incidence Rate of Ca Ovary

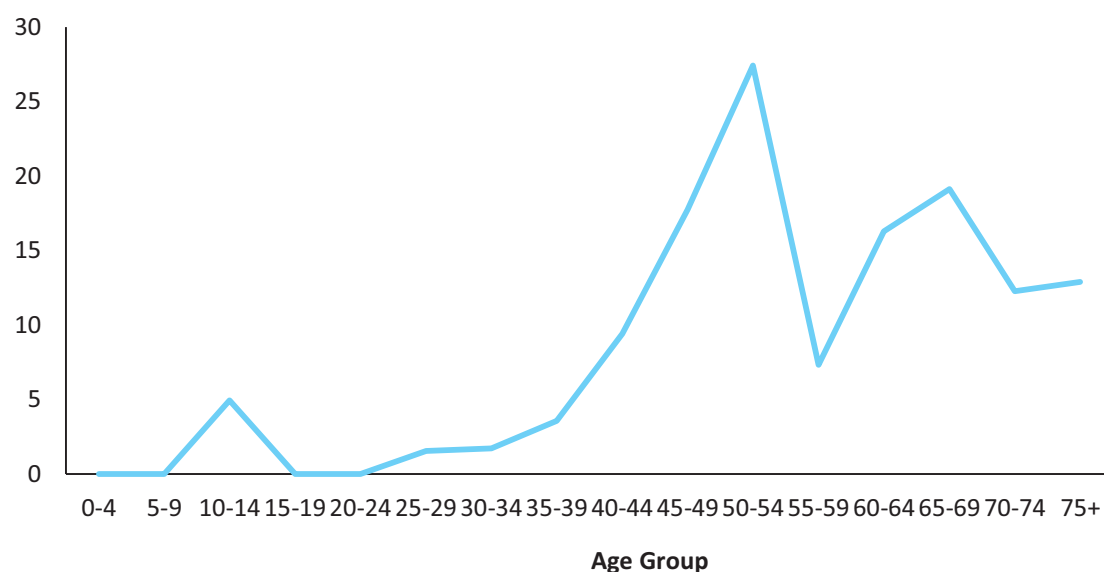
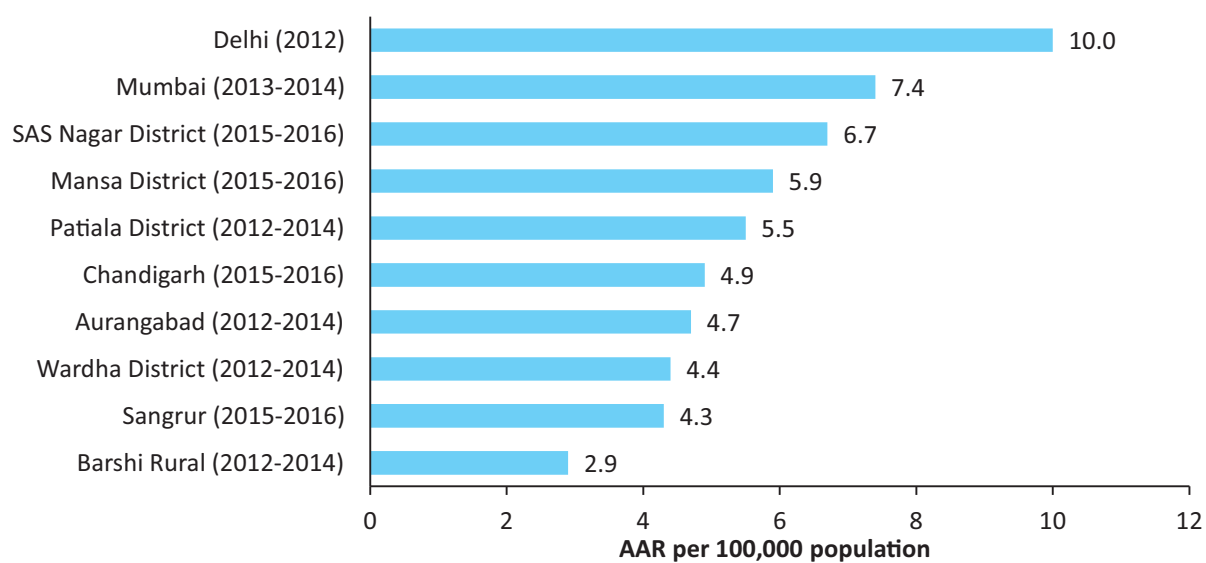


Figure23: Comparison of Ovary Cancer Incidence Rate with Other Indian Registries



Cancer of Gall Bladder (C23-24) (2015-2016)

	Male	Female
Number of cases	15	35
% to total cases	3.1	6.4
Crude incidence rate per 100,000	1.7	4.6
Age adjusted incidence rate per 100,000	1.8	4.2
Truncated rate per 100,000	4.1	7.0

Figure 24: Age-Specific Incidence Rate of Ca Gall Bladder

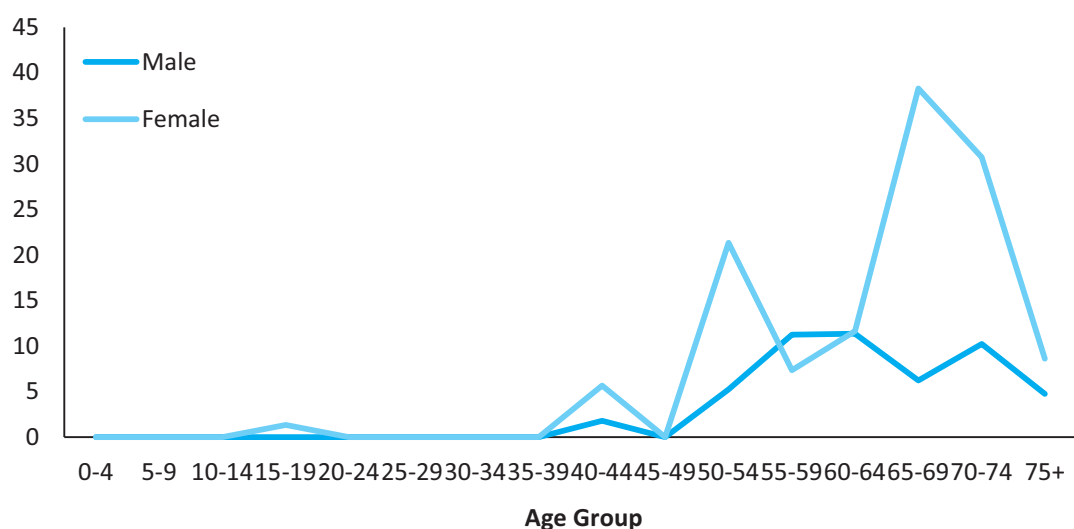


Figure 25: Comparison of Gall Bladder Cancer Incidence Rate with Other Indian Registries

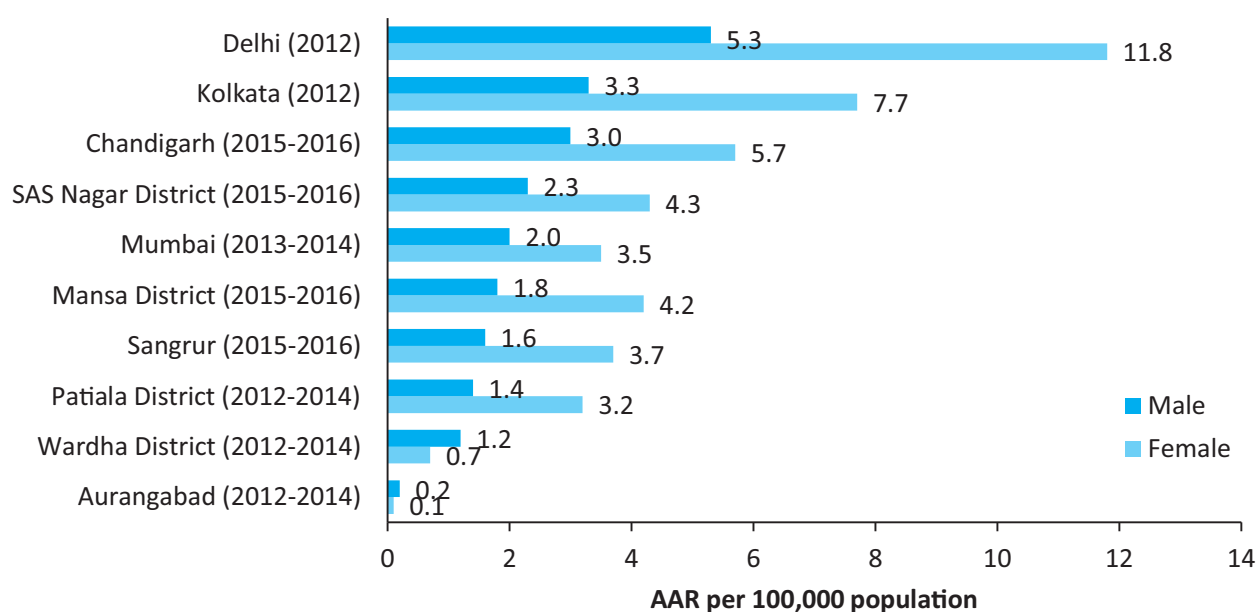


Figure 26: Age-Specific Incidence & Mortality –Male All Cancer Sites (2015-2016)

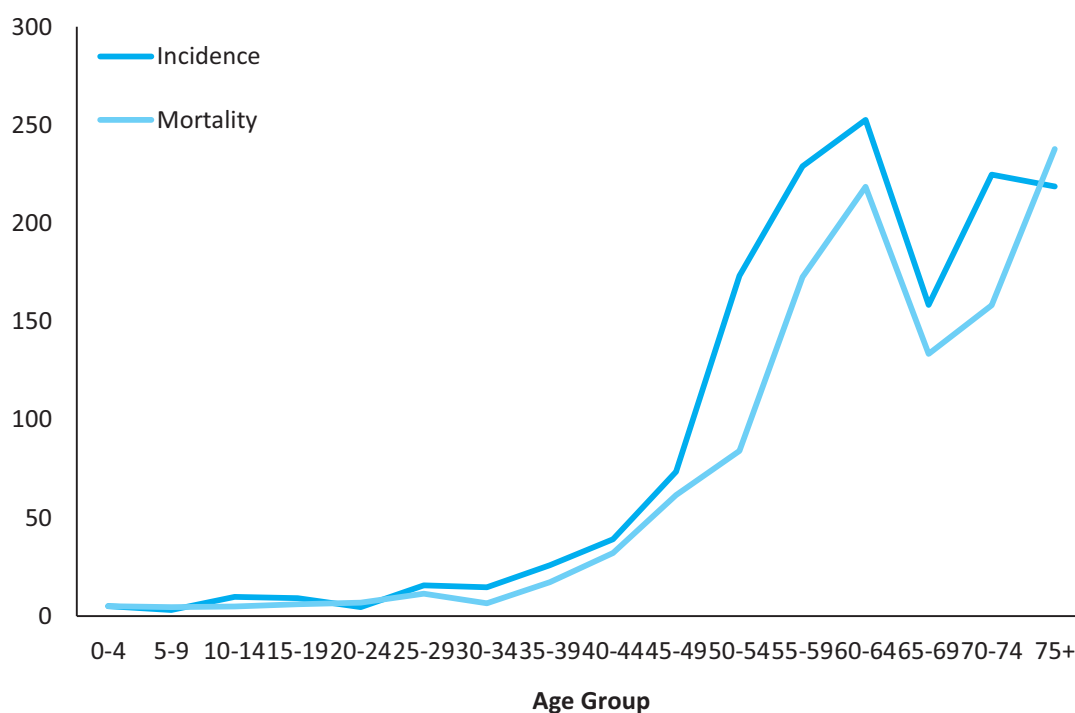
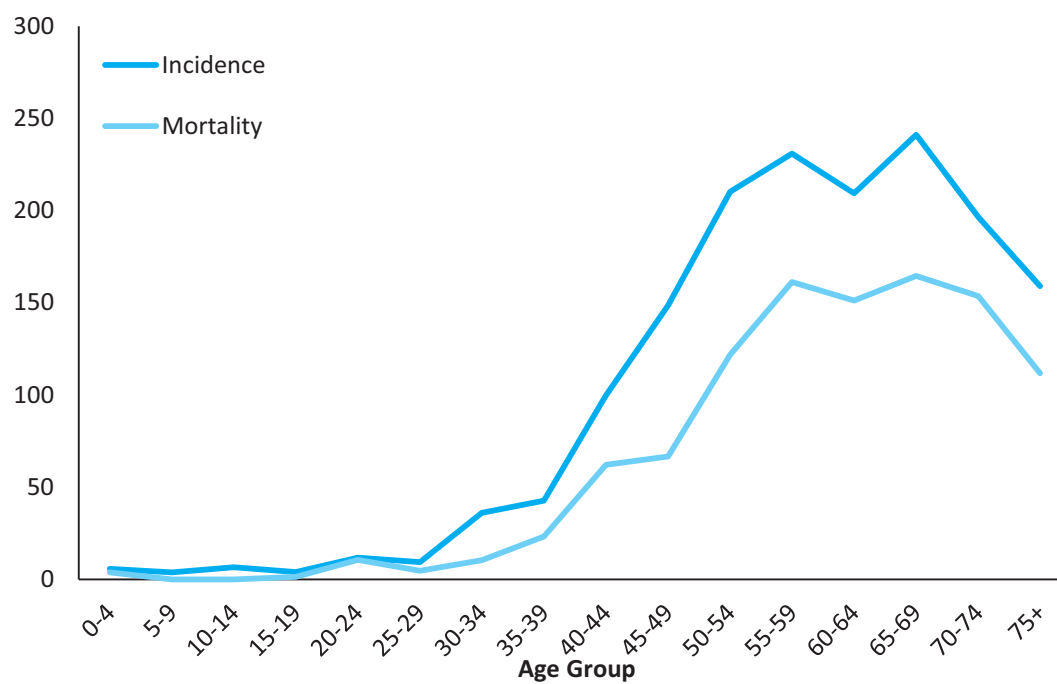


Figure 27: Age-Specific Incidence & Mortality –Female All Cancer Sites (2015-2016)



Other and Unspecified Sites

The **Other and Unspecified** cancer sites refer to the following cancer types:

C26	Other and Ill-Defined Digestive Organ,	C77	Secondary and Unspecified Malignant Neoplasm of Lymph Node
C39	Other and Ill-Defined Sites Within Respiratory Systems and Intrathoracic Organ,	C78	Secondary Malignant Neoplasm of Respiratory and Digestive Organs,
C48	Retro Peritoneum and Peritoneum,	C79	Secondary Malignant Neoplasm of Other and Unspecified Sites,
C75	Other Endocrine Glands and Related Structures,	C80	Malignant Neoplasm Without Specification of Site
C76	Other and Ill-Defined, Secondary and Unspecified sites,	C97	Malignant Neoplasm of Independent(Primary) Multiple sites

All the **Other and Unspecified** cases in Mansa district are primary unknown for both males and females. In males, out of 479 cases, 37 cases (7.7%) are primary unknown and in females among 547 cases, primary unknown cases are 26 (4.8%). The primary unknown case represents the quality of diagnostic information, availability, and accessibility of diagnostic services and proper documentation of medical records. Since there are no cancer diagnosis and treatment facilities in the Mansa district, people usually reach the facilities in advanced stages where, in some cases, the primary site could not be ruled out. Besides this, in the data we have collected from patients/relatives during home visits, some cases where they don't have doctor's notes or reports with them and/or the patient/relative cannot specify the exact primary site- that remains as primary unknown. Moreover, due to the absence of an electronic medical record system and scientific record-keeping, sometimes the patients cannot be traced out even at the hospitals. Hence, unknown primary exists in such cases.

It has been assumed that improvement in record-keeping and diagnostic and treatment facilities in the coming years, the percentage of primary site unknown will be decreased remarkably.

Table No. 11: Other and Unspecified Cases by Sex

ICD-10	Male		Female	
	Number	%	Number	%
C48	1	0.2	2	0.4
C75	-	-	1	0.2
C76	9	1.9	1	0.2
C77	6	1.3	7	1.3
C78	5	1.0	4	0.7
C79	1	0.2	1	0.2
C80	37	7.7	26	4.8
Total Cancer Cases	59/479	12.3	42/547	7.7

Cancer of Other & Unspecified Sites (C26, C39, C48, C75, C76, C77, C78, C79, C80, C97) (2015-2016)

	Male	Female
Number of cases	59	42
% to total cases	12.3	7.7
Crude incidence rate per 100,000	6.8	5.5
Age-adjusted incidence rate per 100,000	6.7	4.8
Truncated rate per 100,000	14.3	11.2

Figure 28: Age-Specific Incidence Rate of Other& Unspecified Sites

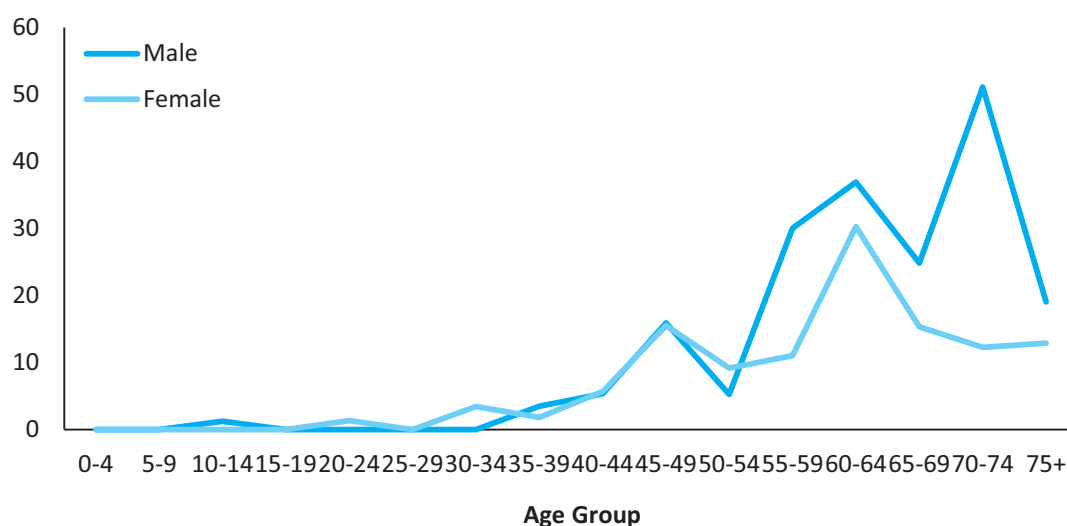
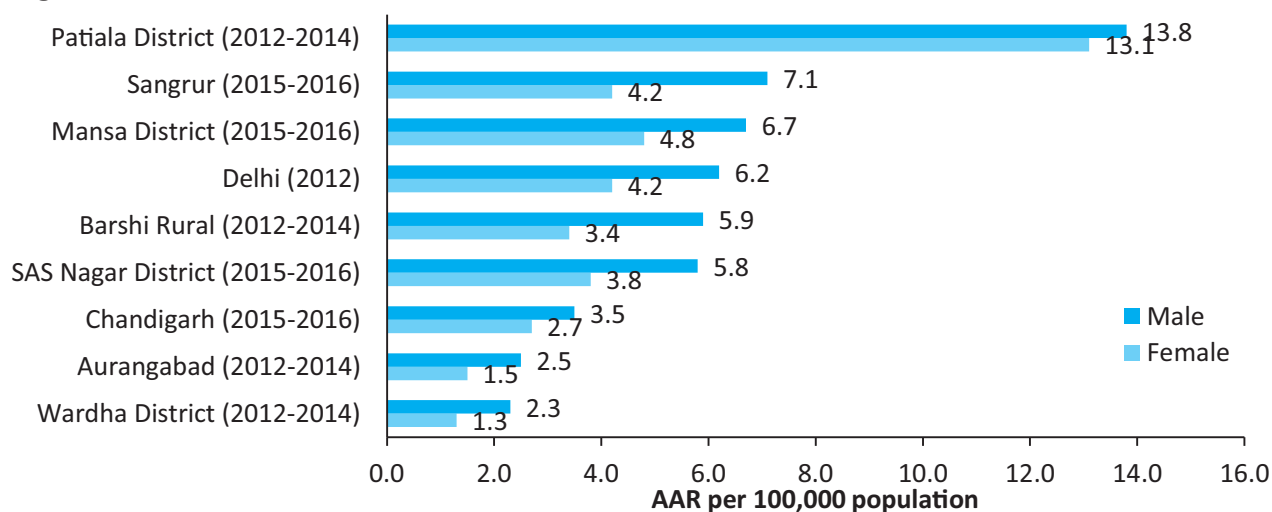


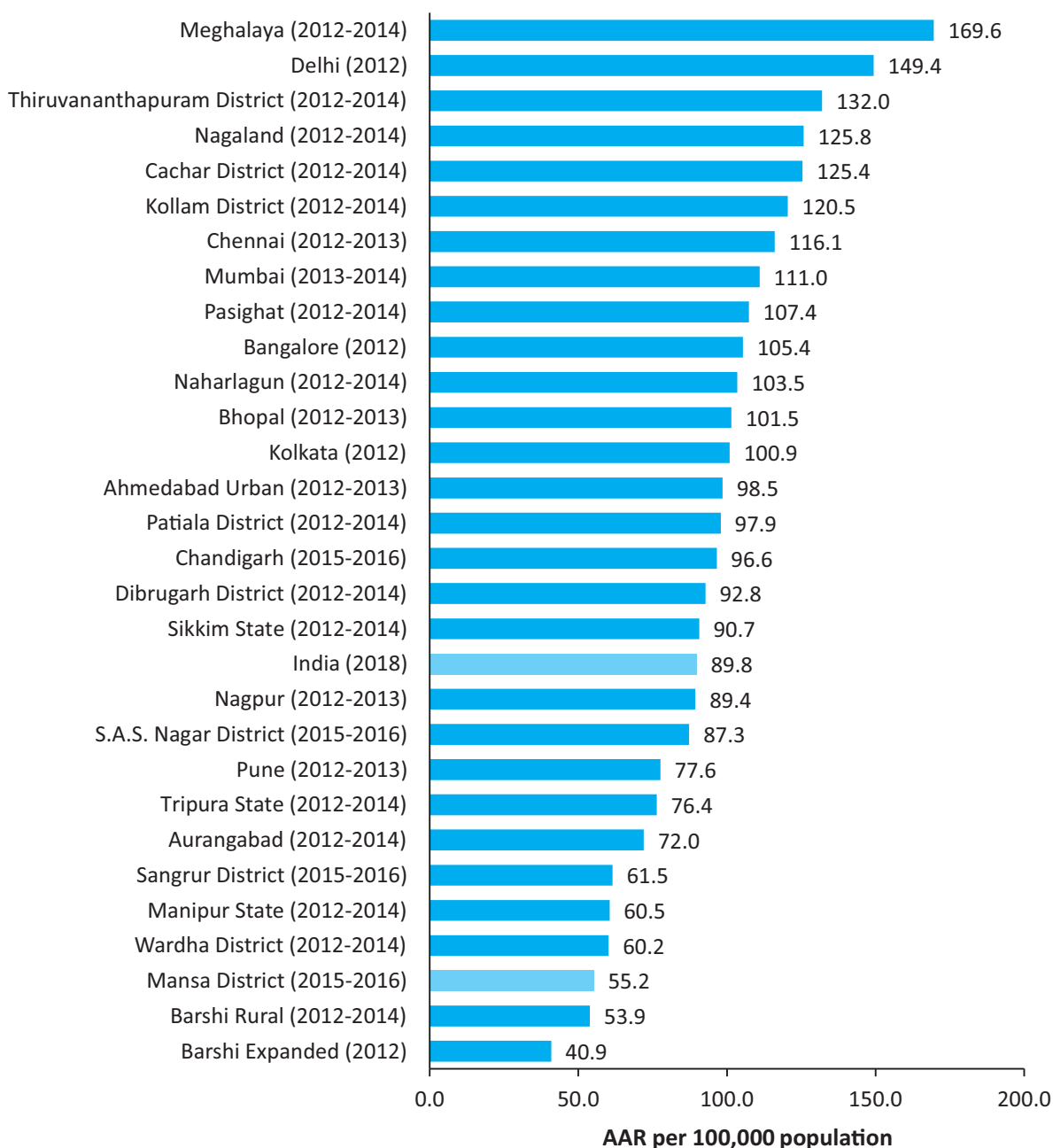
Figure 29: Comparison of Other & Unspecified Sites Cancer Incidence Rate with Other Indian Registries



11. Comparison of Cancer Incidence Rate with Other Indian Registries

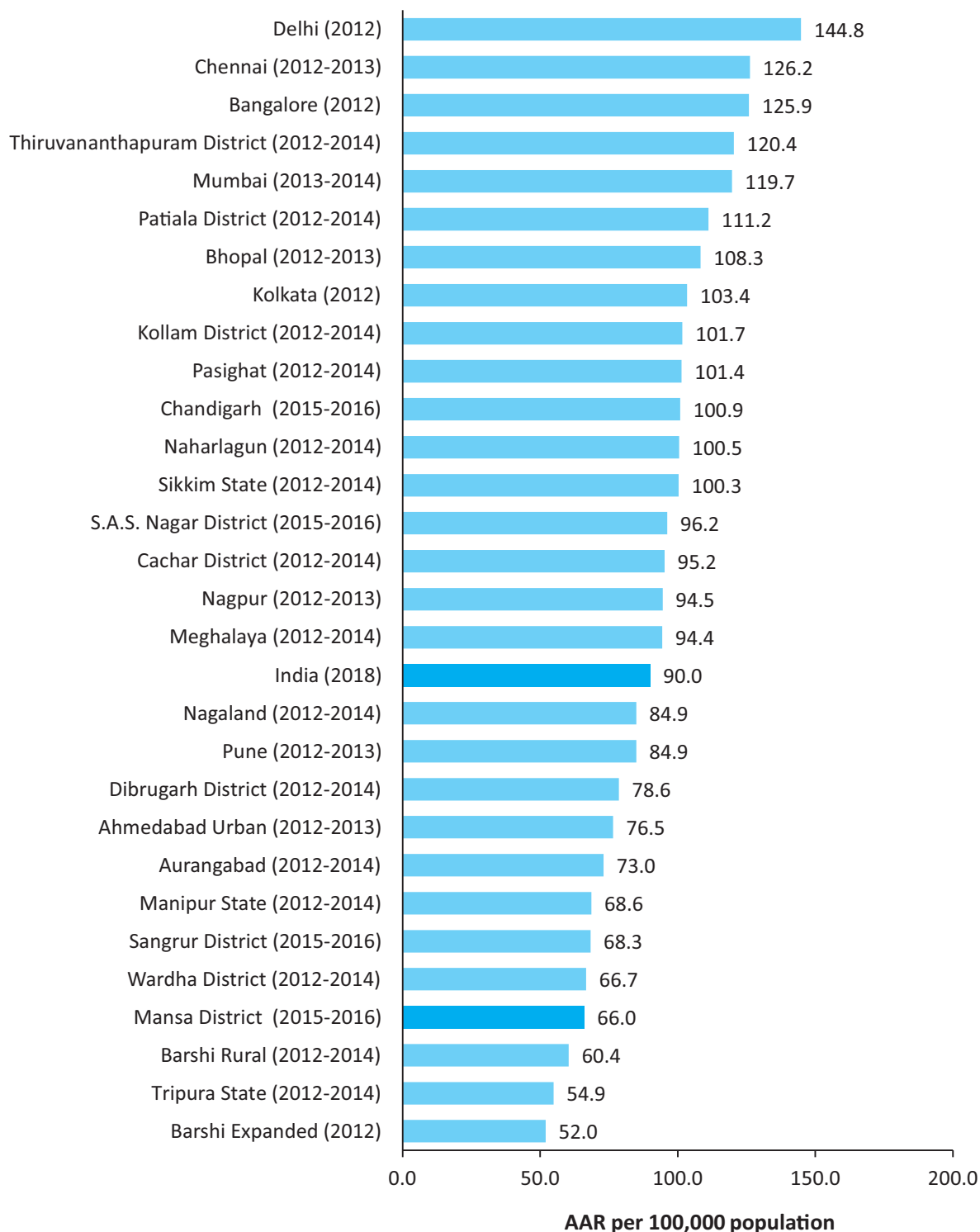
The age-adjusted incidence rate for all sites for both males and females in the year 2015-2016 was compared with other Indian PBCRs (Figures 30 and 31). The cancer incidence in the Mansa district is lower than in urban areas and it is comparable with other rural cancer registries in the country.

Figure 30: Age-adjusted incidence rate of all cancer sites in males



Reference: 1, 11 to 14 and 17

Figure 31: Age-adjusted incidence rate of all cancer sites in females



Reference: 1, 11 to 14 and 17

12. Cancer Trends in Mansa District

- The all site cancer incidence trends in males and females are stable. In the initial period 2013 and 2014, there is a possibility of under registration; however, after two years of the period due to improvement in the cancer registration process, the under-registration of cancer cases is very minimum.
- The breast cancer incidence is showing increasing trends, this observation is consistent with other rural registries such as Barshi and Varadha district in Maharashtra state.
- The cervix cancer incidence is showing decreasing trends, this observation is consistent with all other registries in India.
- The trends in the oesophagus cancer in males are stable; however, in females, it has shown an increasing trend in 2016 as compared to the previous year.

Figure 32: All sites (ICD-10: C00-C97) - Male & Female in Mansa

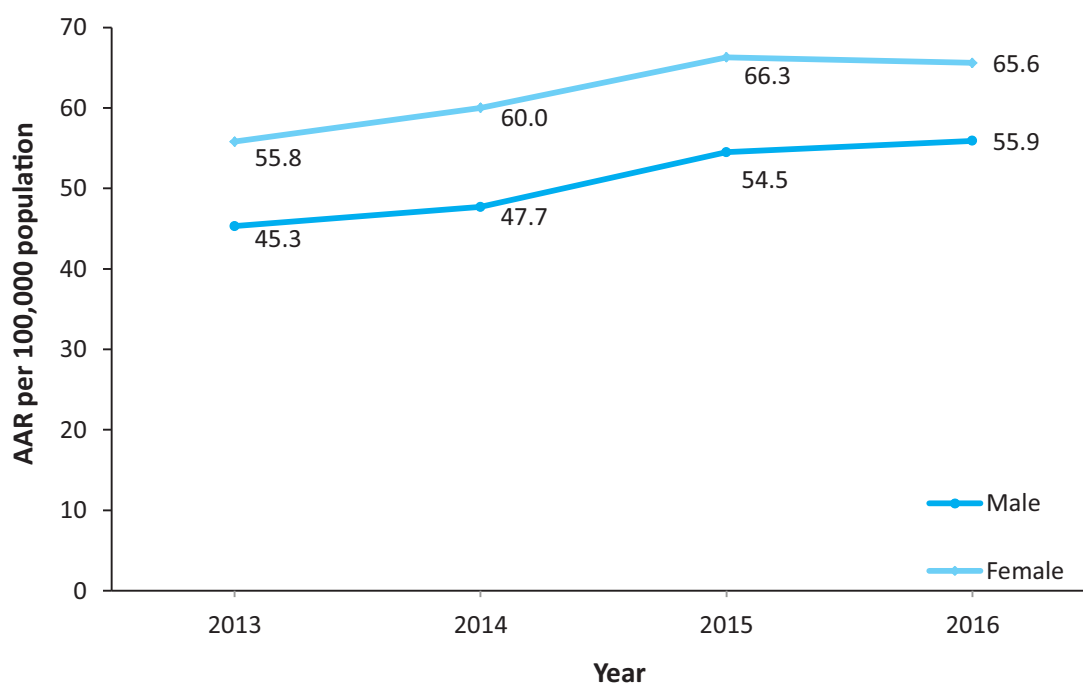


Figure 33: Oesophagus cancer trend in Mansa

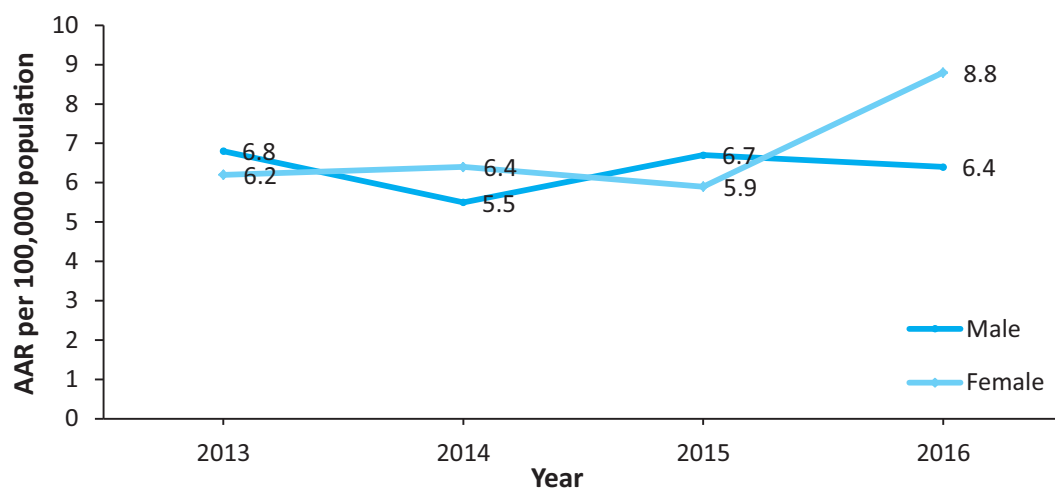


Figure 34: Breast cancer trend in Mansa

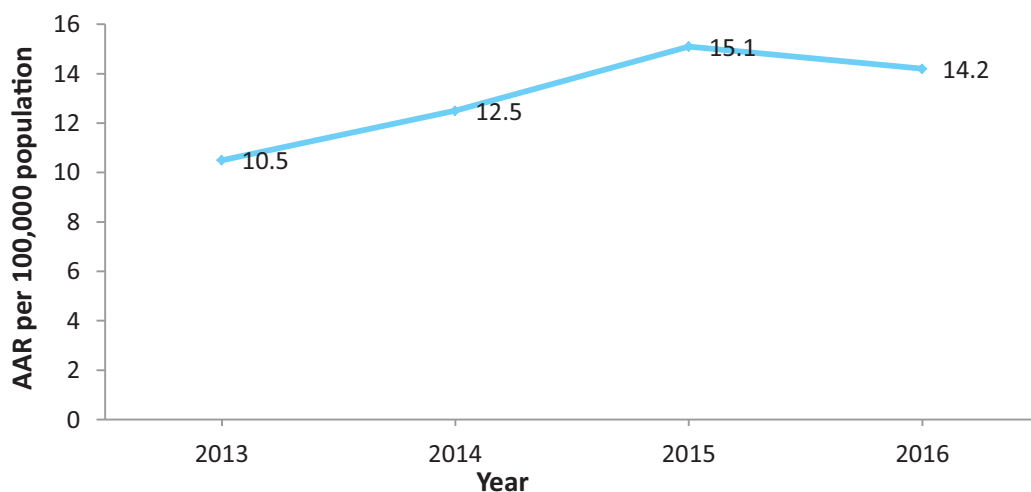
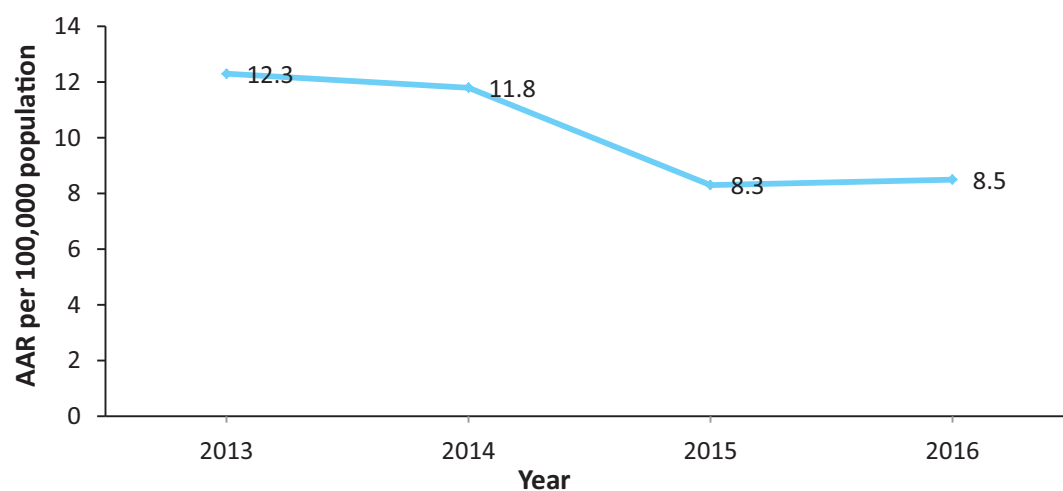


Figure 35: Cervix cancer trend in Mansa



13.Socio-demographic Information

The Mansa district cancer registry staff interacted with cancer patients or their relatives and gathered socio-demographic information. Based on the information collected, in the Mansa district, cancer cases were highest among the Sikh community (84.1%). Of the total 1026 cancer cases, 592 cases (58%) are among illiterate population. Among illiterate population, cancer cases are more in females [n=353 (64.5%)] than males [n=239 (49.9%)]. Furthermore, in terms of occupation, cancer cases were more commonly found among housewife and farmer respectively 44.5% and 19.6%. The number of cancer cases was more among the population with income less than 30,000 per month. The details of the same are presented in table 12 to 15.

Table 12: Cancer cases by religion and sex

Religion	Male		Female		Total	
	#	%	#	%	#	%
Sikh	405	84.6	458	83.7	863	84.1
Hindu	72	15.0	86	15.7	158	15.4
Muslim	2	0.4	3	0.5	5	0.5
Total	479	100.0	547	100.0	1026	100.0

Table 13: Cancer cases by education and sex

Education	Male		Female		Total	
	#	%	#	%	#	%
Illiterate	239	49.9	353	64.5	592	57.7
Literate	37	7.7	27	4.9	64	6.2
Primary	63	13.2	74	13.5	137	13.4
Secondary	87	18.2	52	9.5	139	13.5
Technical	27	5.6	19	3.5	46	4.5
Collage	15	3.1	13	2.4	28	2.7
Post Graduate	6	1.3	6	1.1	12	1.2
Other	1	0.2	0	0.0	1	0.1
Not Applicable	3	0.6	3	0.5	6	0.6
No Information	1	0.2	0	0.0	1	0.1
Total	479	100.0	547	100.0	1026	100.0

Table 14: Cancer cases by Occupation and sex

Occupation	Male		Female		Total	
	#	%	#	%	#	%
Professional	1	0.2	0	0.0	1	0.1
Clerical, Shop owner	35	7.3	1	0.2	36	3.5
Farmer	200	41.8	1	0.2	201	19.6
Skilled worker	17	3.5	0	0.0	17	1.7
Semi-skilled worker	29	6.1	0	0.0	29	2.8
Unskilled worker	61	12.7	3	0.5	64	6.2
Student	23	4.8	14	2.6	37	3.6
House wife	0	0.0	457	83.5	457	44.5
Govt. employee	31	6.5	8	1.5	39	3.8
Pvt. employee	2	0.4	1	0.2	3	0.3
Other	80	16.7	62	11.3	142	13.8
Total	479	100.0	547	100.0	1026	100.0

Table 15: Cancer cases by Income and sex

Income	Male		Female		Total	
	#	%	#	%	#	%
=>30375	74	15.4	76	13.9	150	14.6
15188-30374	41	8.6	47	8.6	88	8.6
11362-15187	125	26.1	138	25.2	263	25.6
7594-11361	126	26.3	155	28.3	281	27.4
4556-7593	70	14.6	87	15.9	157	15.3
1521-4555	40	8.4	40	7.3	80	7.8
<=1520	3	0.6	2	0.4	5	0.5
Unk / No information	0	0.0	2	0.4	2	0.2
Total	479	100.0	547	100.0	1026	100.0

14. Survival Studies Undertaken in Mansa District

Mansa PBCR regularly updates the follow-up status of the cancer cases diagnosed. We have undertaken survival studies of the Oesophagus, Breast, Cervix Uteri and Prostate cancer cases diagnosed in 2013-2016. The date of the diagnosis is the starting date and the last date of follow up has been taken as 31/12/2019 or date of death.

Due to regular village visits and community interaction, we have 100% available follow-up status for the oesophagus, breast, cervix uteri and prostate cancer. We are in the process of analyzing the data. The other cancer sites (Ovary, Gall bladder, NHL and Lung) follow-up is in process.

The follow-up status as on 31st December 2019 shows out of 226 total oesophagus cancer cases 33 (14.6%) patients are alive while 193 (85.3%) are dead. Out of 222 breast cancer cases, 132 (59.5%) patients are alive while 90 (40.5%) are dead. Similarly, out of 165 cervix uteri cancer cases, 65 (39.3%) patients are alive while 100 (60.6%) patients are dead. Out of the total 44 prostate cancer cases, 13 (29.5%) patients are alive while 31 (70.5%) patients have died.

We will publish the survival results soon.

Table 16: Cancer survival data in Mansa district

Cancer Site	No of Cases (2013-2016)	Follow up Status as on 31 st December, 2019			
		Alive		Death	
		No.	%	No.	%
Oesophagus	226	33	14.6	193	85.3
Breast	222	132	59.5	90	40.5
Cervix Uteri	165	65	39.3	100	60.6
Prostate	44	13	29.5	31	70.5

15. Under-registration / Under-diagnosed Cases

There may be under-registration or under-diagnosis of cancer incidence and mortality cases. We may have missed the clinically diagnosed cases. The registry team needs more interactions with clinicians from the medical colleges in Faridkot, Patiala, Chandigarh, and Ludhiana.

Under-registration or under-diagnosis occurs mainly in the age group of 65 and older due to reduced access to health care for the elderly. The truncated rate in males is reported as 116.9 per 100,000 population and age-adjusted rate as 55.2 per 100,000 population. Most of the cases are registered in the age group of 35 to 69 years. In females, the truncated rate is 147.1 per 100,000 population and the age-adjusted rate is 66.0 per 100,000 population. There may be under-diagnosis /under-reporting in the older age group.

Due to continuous interactions in the village, we have a feeling that we may have missed very few cancer cases in the rural area. However, under-registration may have been more likely in the urban population because it was difficult to cover the population without the help of community leaders.

16. Hurdles in Establishing the Rural Cancer Registry

The cancer registry should be located in the area where diagnostic and treatment facilities are available in the district. It was a difficult task to establish the cancer registry in an area where patients travel to several places for cancer treatment. However, due to continuous interactions with the community and consistent efforts, we were able to get information on the cancer cases. In the initial period, five trained staff left the job. We appointed new staff and trained them. The selected staff members were provided training at TMC Mumbai and PGIMER Chandigarh.

A few hospitals demanded a fresh request letter for asking permission to collect the data at every visit. We arranged a fresh letter for every visit to those hospitals. We spent a lot of time meeting hospital authorities. A few hospitals provided the cancer patient list with only minimum information and they did not allow us to go through their medical records. A few patients' relatives refused to provide information due to social issues. Moreover, there is limited infrastructure in the civil hospital. The registry staff has to depend on the other sources for basic facilities. Several times ANM, ASHA Workers, and PHC staff were busy in their activities; therefore, we had to wait until they finished their regular duties.

Regardless of hurdles mentioned above, our continued interactions with the community and consistent efforts and also the collaboration of TMC, PGIMER and Government of Punjab, we were able to get information on the cancer cases.

17. Description of Statistical Terms Used

Incidence: Cancer incidence denotes new cancer cases diagnosed in a defined population in a specified period. For this report, all cancer cases were diagnosed from 1st January 2015 to 31st December 2016 in the Mansa district.

Mortality: Cancer mortality is defined as the number of cancer deaths occurring in a defined population, in a defined geographic area, during a particular year(s) per 100,000 population. All cancer deaths between 1st January 2015 to 31st December 2016 in Mansa district have been included.

Rates: Rates for cancer are always expressed per 100,000 population.

Crude Incidence Rate: The crude incidence is the rate at which new cases occur in a population during a specific period.

$$CR = \frac{\text{Number of new cancer cases observed in the period 2015-2016}}{\text{Estimated population of the same year}} * 100000$$

This rate is called crude because it relates to each population as a whole and is influenced by the age structure of each population. Since it is 2-year data the CR is divided by two.

Age-Specific Rate: This refers to the rate obtained by the division of the total number of cancer cases by the corresponding estimated population in that age group and sex/site/geographic area/ period and multiplying by 100,000.

Age-Adjusted or Age Standardized Rate (AAR/ASR): Age adjustment is a statistical method that corrects for the changing age distribution of the population and allows comparisons to be made in the adjusted rates between different population sub-groups over time.

Truncated Rates: This is similar to the age-adjusted rate except that it is calculated to the truncated age group 35-64 years of age.

18. Standard Registry Tables

Table 17: Number of Incidence Cancers by Five Year Age Group and Site (ICD 10): 2015-2016: Males
Mansa District

% = Relative Proportion of Cancers of All Sites

ICD (10th)	SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Total	(%)
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	2	0.4
C01-02	Tongue	-	-	-	-	-	-	-	3	2	3	4	1	5	3	1	1	23	4.8
C03-06	Mouth	-	-	-	-	-	-	-	-	2	2	6	3	5	2	1	-	21	4.4
C07-08	Salivary glands	-	-	1	-	-	-	-	-	-	1	-	-	1	-	1	-	4	0.8
C09	Tonsil	-	-	-	-	-	-	-	-	1	-	3	2	1	-	-	-	7	1.5
C10	Other oropharynx	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	2	0.4
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.2
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	-	1	3	-	-	-	2	-	6	1.3
C14	Pharynx unspecified	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	0.2
C15	Oesophagus	-	-	-	-	-	-	-	1	2	3	4	10	16	7	3	11	57	11.9
C16	Stomach	-	-	-	-	-	-	-	1	1	1	-	1	-	1	-	2	7	1.5
C17	Small intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	-	-	-	1	3	1	1	1	-	1	8	1.7
C19-20	Rectum	-	-	-	-	-	-	2	-	1	1	2	-	2	-	-	2	10	2.1
C21	Anus	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	2	0.4
C22	Liver	-	-	-	-	-	-	-	-	-	2	8	5	6	2	2	1	26	5.4
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	-	1	-	2	3	4	2	2	1	15	3.1
C25	Pancreas	-	-	-	-	-	-	-	-	-	1	1	-	2	2	-	1	7	1.5
C30-31	Nose, sinuses etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	2	0.4
C32	Larynx	-	-	-	-	-	-	-	-	-	-	2	4	2	3	1	1	13	2.7
C33-34	Trachea, bronchus and lung	-	-	-	-	-	2	-	-	1	1	3	5	3	5	2	1	23	4.8
C37-38	Other thoracic organs	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	2	0.4
C40-41	Bone	-	-	1	-	1	1	-	-	1	-	-	1	1	-	-	-	6	1.3
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other skin	-	-	-	-	-	-	-	-	-	-	2	-	2	1	-	-	5	1.0
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	Connective and soft tissue	-	-	-	-	-	4	-	-	-	-	-	1	3	-	-	-	8	1.7
C50	Breast	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	2	0.4
C60	Penis	-	-	-	-	-	-	-	1	1	2	2	-	3	1	-	3	13	2.7
C61	Prostate	-	-	-	-	-	-	-	-	-	-	3	1	3	3	9	5	24	5.0
C62	Testis	-	-	-	-	-	-	-	1	-	2	1	-	-	-	-	-	4	0.8
C63	Other male genital organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney	-	-	-	-	-	-	-	-	-	1	1	4	1	-	1	2	10	2.1
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	1	1	3	5	4	4	3	21	4.4
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.2
C70-72	Brain, nervous system	-	1	1	1	1	1	1	2	1	2	4	1	2	-	1	1	20	4.2
C73	Thyroid	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	3	0.6
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkin disease	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	2	0.4
C82-85,C96	Non-Hodgkin lymphoma	-	-	1	1	1	-	1	1	2	1	2	2	1	1	1	-	15	3.1
C88	Immunoproliferative diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple myeloma	-	-	-	-	-	-	-	-	-	1	2	1	2	-	-	1	7	1.5
C91	Lymphoid leukaemia	1	1	2	4	-	-	1	-	1	-	-	1	1	-	1	1	14	2.9
C92-94	Myeloid leukaemia	-	-	-	-	1	2	2	2	2	2	-	1	2	3	3	1	21	4.4
C95	Leukaemia unspecified	1	-	-	2	-	-	-	-	-	-	-	-	1	1	-	-	5	1.0
O&U*	Other and unspecified	-	-	1	-	-	-	-	2	3	8	2	8	13	8	10	4	59	12.3
All sites		3	2	8	9	4	11	9	15	22	37	66	61	89	52	45	46	479	100.0

* O & U includes the sites (ICD - 10: C26, C39, C48, C76, C77, C78, C79, C80, C97)

**Table 18: Number of Incidence Cancers by Five Year Age Group and Site (ICD 10): 2015-2016: Females
Mansa District**

% = Relative Proportion of Cancers of All Sites

ICD (10th)	SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Total	(%)
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1	-	3	0.5
C03-06	Mouth	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	3	0.5
C07-08	Salivary glands	-	-	-	1	-	-	1	-	-	-	-	-	1	-	-	1	4	0.7
C09	Tonsil	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	0.2
C10	Other oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.2
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	-	-	-	-	-	-	-	1	-	-	-	1	2	1	-	-	5	0.9
C14	Pharynx unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	-	-	-	-	-	1	-	1	6	4	11	6	10	9	7	6	61	11.2
C16	Stomach	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	1	4	0.7
C17	Small intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	-	-	-	1	1	1	3	2	-	-	8	1.5
C19-20	Rectum	-	-	-	-	1	-	1	-	-	1	1	1	2	1	-	-	8	1.5
C21	Anus	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	2	0.4
C22	Liver	-	-	-	-	-	-	-	-	2	1	-	2	3	-	2	2	12	2.2
C23-24	Gallbladder etc.	-	-	-	1	-	-	-	-	3	-	7	2	5	10	5	2	35	6.4
C25	Pancreas	-	-	-	-	-	-	1	-	1	-	-	2	1	2	1	2	10	1.8
C30-31	Nose, sinuses etc.	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.2
C32	Larynx	-	-	-	-	-	-	-	1	-	-	-	-	2	-	1	-	4	0.7
C33-34	Trachea, bronchus and lung	-	-	-	-	-	1	-	-	-	3	3	1	-	1	-	-	9	1.6
C37-38	Other thoracic organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	Bone	-	-	-	-	-	-	-	1	1	1	-	1	-	-	-	1	5	0.9
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.2
C44	Other skin	-	-	-	-	-	-	-	-	-	-	-	2	-	1	2	1	6	1.1
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	Connective and soft tissue	-	-	-	-	-	-	-	-	1	-	-	1	1	-	1	-	4	0.7
C50	Breast	-	-	-	-	1	1	10	6	16	27	16	13	12	8	3	7	120	21.9
C51	Vulva	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	4	0.7
C52	Vagina	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C53	Cervix uteri	-	-	-	-	-	-	1	3	10	8	8	12	14	7	3	4	70	12.8
C54	Corpus uteri	-	-	-	-	-	-	-	1	1	-	1	2	2	-	1	1	9	1.6
C55	Uterus unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C56	Ovary	-	-	3	-	-	1	1	2	5	8	9	2	7	5	2	3	48	8.8
C57	Other female genital organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney	2	-	-	-	-	-	1	-	1	2	-	-	-	-	-	-	6	1.1
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	1	-	-	-	-	2	1	-	-	-	4	0.7
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.2
C70-72	Brain, nervous system	-	-	-	1	2	-	-	-	-	-	-	2	1	-	-	-	6	1.1
C73	Thyroid	-	-	-	-	-	-	-	2	-	-	1	1	-	1	-	-	5	0.9
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkin disease	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-	-	3	0.5
C82-85,C96	Non-Hodgkin lymphoma	-	-	-	-	1	-	1	-	-	1	-	1	3	3	-	1	11	2.0
C88	Immunoproliferative diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple myeloma	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	3	0.5
C91	Lymphoid leukaemia	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	0.4
C92-94	Myeloid leukaemia	1	-	-	-	3	-	-	1	2	-	5	2	2	5	-	2	23	4.2
C95	Leukaemia unspecified	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	3	0.5
O&U*	Other and unspecified	-	-	-	-	1	-	2	1	3	7	3	3	13	4	2	3	42	7.7
	All sites	3	2	4	3	9	6	21	24	53	67	69	63	90	63	33	37	547	100.0

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

**Table 19: Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) and Truncated (35- 64yrs) (TR)
Incidence Rate per 100,000 population: 2015-2016: Males Mansa District**

ICD (10th)	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TR
C00	-	-	-	-	-	-	-	-	-	-	-	3.8	2.8	-	-	-	0.2	0.3	0.9
C01-02	-	-	-	-	-	-	-	5.2	3.6	6.0	10.5	3.8	14.2	9.3	5.1	4.8	2.7	2.6	6.9
C03-06	-	-	-	-	-	-	-	-	3.6	4.0	15.8	11.3	14.2	6.2	5.1	-	2.4	2.5	7.3
C07-08	-	-	1.2	-	-	-	-	-	-	2.0	-	-	2.8	-	5.1	-	0.5	0.4	0.8
C09	-	-	-	-	-	-	-	-	1.8	-	7.9	7.5	2.8	-	-	-	0.8	0.9	2.9
C10	-	-	-	-	-	-	-	-	-	-	2.6	-	-	3.1	-	-	0.2	0.2	0.4
C11	-	-	-	-	-	-	-	-	-	-	2.6	-	-	-	-	-	0.1	0.1	0.4
C12-13	-	-	-	-	-	-	-	-	-	2.0	7.9	-	-	-	10.2	-	0.7	0.7	1.7
C14	-	-	-	-	-	1.4	-	-	-	-	-	-	-	-	-	-	0.1	0.1	-
C15	-	-	-	-	-	-	-	1.7	3.6	6.0	10.5	37.5	45.4	21.7	15.3	52.3	6.6	6.5	14.6
C16	-	-	-	-	-	-	-	1.7	1.8	2.0	-	3.8	-	3.1	-	9.5	0.8	0.8	1.5
C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	-	-	-	-	-	-	-	-	-	2.0	7.9	3.8	2.8	3.1	-	4.8	0.9	1.0	2.5
C19-20	-	-	-	-	-	-	3.3	-	1.8	2.0	5.3	-	5.7	-	-	9.5	1.2	1.1	2.3
C21	-	-	-	-	-	-	-	1.7	-	-	-	3.8	-	-	-	-	0.2	0.3	0.8
C22	-	-	-	-	-	-	-	-	-	4.0	21.0	18.8	17.0	6.2	10.2	4.8	3.0	3.2	8.8
C23-24	-	-	-	-	-	-	-	-	1.8	-	5.3	11.3	11.4	6.2	10.2	4.8	1.7	1.8	4.1
C25	-	-	-	-	-	-	-	-	-	2.0	2.6	-	5.7	6.2	-	4.8	0.8	0.8	1.5
C30-31	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1	-	4.8	0.2	0.2	-
C32	-	-	-	-	-	-	-	-	-	-	5.3	15.0	5.7	9.3	5.1	4.8	1.5	1.6	3.5
C33-34	-	-	-	-	-	2.8	-	-	1.8	2.0	7.9	18.8	8.5	15.5	10.2	4.8	2.7	2.7	5.5
C37-38	-	-	-	-	-	-	-	-	-	-	2.6	-	-	-	-	4.8	0.2	0.2	0.4
C40-41	-	-	1.2	-	1.1	1.4	-	-	1.8	-	-	3.8	2.8	-	-	-	0.7	0.7	1.2
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	-	-	-	-	5.3	-	5.7	3.1	-	-	0.6	0.6	1.6
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	-	-	-	-	-	5.7	-	-	-	-	-	3.8	8.5	-	-	-	0.9	0.9	1.6
C50	-	-	-	-	-	-	-	-	-	-	2.6	-	-	-	-	4.8	0.2	0.2	0.4
C60	-	-	-	-	-	-	-	1.7	1.8	4.0	5.3	-	8.5	3.1	-	14.3	1.5	1.4	3.4
C61	-	-	-	-	-	-	-	-	-	-	7.9	3.8	8.5	9.3	46.0	23.8	2.8	2.6	2.9
C62	-	-	-	-	-	-	-	1.7	-	4.0	2.6	-	-	-	-	-	0.5	0.5	1.5
C63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	-	-	-	-	-	-	-	-	-	2.0	2.6	15.0	2.8	-	5.1	9.5	1.2	1.3	3.1
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	2.0	2.6	11.3	14.2	12.4	20.4	14.3	2.4	2.3	4.1
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.2	-
C70-72	-	1.5	1.2	1.0	1.1	1.4	1.6	3.5	1.8	4.0	10.5	3.8	5.7	-	5.1	4.8	2.3	2.3	4.7
C73	-	-	-	-	-	-	3.3	-	-	-	2.6	-	-	-	-	-	0.3	0.3	0.4
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	-	-	1.2	1.0	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.2	-
C82-85,C96	-	-	1.2	1.0	1.1	-	1.6	1.7	3.6	2.0	5.3	7.5	2.8	3.1	5.1	-	1.7	1.7	3.6
C88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	-	-	-	-	-	-	-	-	-	2.0	5.3	3.8	5.7	-	-	4.8	0.8	0.9	2.4
C91	1.7	1.5	2.5	4.0	-	-	1.6	-	1.8	-	-	3.8	2.8	-	5.1	4.8	1.6	1.6	1.2
C92-94	-	-	-	-	1.1	2.8	3.3	3.5	3.6	4.0	-	3.8	5.7	9.3	15.3	4.8	2.4	2.2	3.3
C95	1.7	-	-	2.0	-	-	-	-	-	-	-	-	2.8	3.1	-	-	0.6	0.6	0.4
O&U*	-	-	1.2	-	-	-	-	3.5	5.3	15.9	5.3	30.0	36.9	24.8	51.1	19.0	6.8	6.7	14.3
All sites	5.0	3.1	9.8	9.1	4.5	15.6	14.7	26.0	39.2	73.5	173.3	228.9	252.6	161.5	229.8	218.8	55.6	55.2	116.9

* O & U includes the sites (ICD - 10: C26, C39, C48,C75, C76, C77, C78, C79, C80, C97)

**Table 20: Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) and Truncated (35- 64yrs) (TR)
Incidence Rate per 100,000 population: 2015-2016: Females Mansa District**

ICD (10th)	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TR
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	-	-	-	-	-	-	-	-	1.9	2.2	-	-	-	-	6.1	-	0.4	0.4	0.8
C03-06	-	-	-	-	-	-	-	-	-	-	-	3.7	2.3	3.8	-	-	0.4	0.4	0.8
C07-08	-	-	-	1.3	-	-	1.7	-	-	-	-	-	2.3	-	-	4.3	0.5	0.4	0.3
C09	-	-	-	-	-	-	-	1.8	-	-	-	-	-	-	-	-	0.1	0.1	0.3
C10	-	-	-	-	-	-	-	-	-	-	-	-	2.3	-	-	-	0.1	0.1	0.3
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	-	-	-	-	-	-	-	1.8	-	-	-	3.7	4.7	3.8	-	-	0.7	0.6	1.4
C14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	-	-	-	-	-	1.5	-	1.8	11.3	8.9	33.5	22.0	23.3	34.5	43.0	25.8	8.0	7.3	15.5
C16	-	-	-	-	-	-	-	-	-	-	-	3.7	2.3	3.8	-	4.3	0.5	0.4	0.8
C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	-	-	-	-	-	-	-	-	-	2.2	3.0	3.7	7.0	7.7	-	-	1.0	0.9	2.3
C19-20	-	-	-	-	1.3	-	1.7	-	-	2.2	3.0	3.7	4.7	3.8	-	-	1.0	0.9	2.0
C21	-	-	-	-	-	-	-	1.8	-	-	-	-	-	-	6.1	-	0.3	0.2	0.3
C22	-	-	-	-	-	-	-	-	3.8	2.2	-	7.3	7.0	-	12.3	8.6	1.6	1.3	3.0
C23-24	-	-	-	1.3	-	-	-	-	5.7	-	21.3	7.3	11.6	38.3	30.7	8.6	4.6	4.2	7.0
C25	-	-	-	-	-	-	1.7	-	1.9	-	-	7.3	2.3	7.7	6.1	8.6	1.3	1.1	1.6
C30-31	-	-	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	-
C32	-	-	-	-	-	-	-	1.8	-	-	-	-	4.7	-	6.1	-	0.5	0.4	0.9
C33-34	-	-	-	-	-	1.5	-	-	-	6.7	9.1	3.7	-	3.8	-	-	1.2	1.2	3.2
C37-38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	-	-	-	-	-	-	-	1.8	1.9	2.2	-	3.7	-	-	-	4.3	0.7	0.6	1.6
C43	-	-	-	-	-	-	-	-	-	-	3.0	-	-	-	-	-	0.1	0.2	0.5
C44	-	-	-	-	-	-	-	-	-	-	-	7.3	-	3.8	12.3	4.3	0.8	0.7	0.9
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	-	-	-	-	-	-	-	-	1.9	-	-	3.7	2.3	-	6.1	-	0.5	0.5	1.1
C50	-	-	-	-	1.3	1.5	17.2	10.7	30.2	59.9	48.8	47.7	27.9	30.6	18.4	30.1	15.7	14.7	37.1
C51	-	-	-	-	-	-	-	-	-	-	-	3.7	2.3	3.8	6.1	-	0.5	0.5	0.8
C52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C53	-	-	-	-	-	-	1.7	5.3	18.8	17.8	24.4	44.0	32.6	26.8	18.4	17.2	9.2	8.4	21.9
C54	-	-	-	-	-	-	-	1.8	1.9	-	3.0	7.3	4.7	-	6.1	4.3	1.2	1.1	2.7
C55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C56	-	-	4.9	-	-	1.5	1.7	3.6	9.4	17.8	27.4	7.3	16.3	19.1	12.3	12.9	6.3	5.9	13.4
C57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	3.8	-	-	-	-	-	1.7	-	1.9	4.4	-	-	-	-	-	-	0.8	0.9	1.2
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	1.7	-	-	-	-	7.3	2.3	-	-	-	0.5	0.5	1.2
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.2	-
C70-72	-	-	-	1.3	2.6	-	-	-	-	-	-	7.3	2.3	-	-	-	0.8	0.7	1.2
C73	-	-	-	-	-	-	-	3.6	-	-	3.0	3.7	-	3.8	-	-	0.7	0.6	1.7
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	-	-	-	-	-	-	1.7	1.8	-	-	3.0	-	-	-	-	-	0.4	0.4	0.8
C82-85,C96	-	-	-	-	1.3	-	1.7	-	-	2.2	-	3.7	7.0	11.5	-	4.3	1.4	1.2	1.8
C88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	-	-	-	-	-	-	-	-	-	2.2	3.0	-	2.3	-	-	-	0.4	0.4	1.2
C91	-	1.9	-	-	-	-	-	-	-	2.2	-	-	-	-	-	-	0.3	0.3	0.4
C92-94	1.9	-	-	-	3.9	-	-	1.8	3.8	-	15.2	7.3	4.7	19.1	-	8.6	3.0	2.9	5.1
C95	-	-	-	-	-	3.1	-	1.8	-	-	-	-	-	-	-	-	0.4	0.4	0.3
O&U*	-	-	-	-	1.3	-	3.4	1.8	5.7	15.5	9.1	11.0	30.3	15.3	12.3	12.9	5.5	4.8	11.2
All sites	5.7	3.8	6.6	4.0	11.8	9.3	36.1	42.7	99.9	148.7	210.3	231.0	209.4	241.2	202.7	159.1	71.7	66.0	147.1

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

Table 21: Cumulative Rate (Cu. Rate) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD 10) Based on Age Specific Rates (from 0-64 years and 0-74 years) 2015-2016: Male Mansa District

ICD (10th)	SITE	0-64 Years		0-74 Years	
		Cum Rate	Cum Risk	Cum Rate	Cum Risk
C00	Lip	0.0003	0.0003	0.0003	0.0003
C01-02	Tongue	0.0022	0.0022	0.0029	0.0029
C03-06	Mouth	0.0024	0.0024	0.0030	0.0030
C07-08	Salivary glands	0.0003	0.0003	0.0006	0.0006
C09	Tonsil	0.0010	0.0010	0.0010	0.0010
C10	Other oropharynx	0.0001	0.0001	0.0003	0.0003
C11	Nasopharynx	0.0001	0.0001	0.0001	0.0001
C12-13	Hypopharynx	0.0005	0.0005	0.0010	0.0010
C14	Pharynx unspecified	0.0001	0.0001	0.0001	0.0001
C15	Oesophagus	0.0052	0.0052	0.0071	0.0071
C16	Stomach	0.0005	0.0005	0.0006	0.0006
C17	Small intestine	-	-	-	-
C18	Colon	0.0008	0.0008	0.0010	0.0010
C19-20	Rectum	0.0009	0.0009	0.0009	0.0009
C21	Anus	0.0003	0.0003	0.0003	0.0003
C22	Liver	0.0030	0.0030	0.0039	0.0039
C23-24	Gallbladder etc.	0.0015	0.0015	0.0023	0.0023
C25	Pancreas	0.0005	0.0005	0.0008	0.0008
C30-31	Nose, sinuses etc.	-	-	0.0002	0.0002
C32	Larynx	0.0013	0.0013	0.0020	0.0020
C33-34	Trachea, bronchus and lung	0.0021	0.0021	0.0034	0.0034
C37-38	Other thoracic organs	0.0001	0.0001	0.0001	0.0001
C40-41	Bone	0.0006	0.0006	0.0006	0.0006
C43	Melanoma of skin	-	-	-	-
C44	Other skin	0.0005	0.0005	0.0007	0.0007
C45	Mesothelioma	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-
C47,C49	Connective and soft tissue	0.0009	0.0009	0.0009	0.0009
C50	Breast	0.0001	0.0001	0.0001	0.0001
C60	Penis	0.0011	0.0011	0.0012	0.0012
C61	Prostate	0.0010	0.0010	0.0038	0.0038
C62	Testis	0.0004	0.0004	0.0004	0.0004
C63	Other male genital organs	-	-	-	-
C64	Kidney	0.0011	0.0011	0.0014	0.0014
C65	Renal pelvis	-	-	-	-
C66	Ureter	-	-	-	-
C67	Bladder	0.0015	0.0015	0.0031	0.0031
C68	Other urinary organs	-	-	-	-
C69	Eye	0.0001	0.0001	0.0001	0.0001
C70-72	Brain, nervous system	0.0019	0.0019	0.0021	0.0021
C73	Thyroid	0.0003	0.0003	0.0003	0.0003
C74	Adrenal gland	-	-	-	-
C81	Hodgkin disease	0.0001	0.0001	0.0001	0.0001
C82-85,C96	Non-Hodgkin lymphoma	0.0014	0.0014	0.0018	0.0018
C88	Immunoproliferative diseases	-	-	-	-
C90	Multiple myeloma	0.0008	0.0008	0.0008	0.0008
C91	Lymphoid leukaemia	0.0010	0.0010	0.0012	0.0012
C92-94	Myeloid leukaemia	0.0014	0.0014	0.0026	0.0026
C95	Leukaemia unspecified	0.0003	0.0003	0.0005	0.0005
O&U*	Other and unspecified	0.0049	0.0049	0.0087	0.0087
All sites		0.0428	0.0428	0.0623	0.0623

* O & U includes the sites (ICD - 10: C26, C39, C48, C76, C77, C78, C79, C80, C97)

Table 22: Cumulative Rate (Cu. Rate) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD 10) Based on Age Specific Rates (from 0-64 years and 0-74 years) 2015-2016: Female Mansa District

ICD (10th)	SITE	0-64 Years		0-74 Years	
		Cum Rate	Cum Risk	Cum Rate	Cum Risk
C00	Lip	-	-	-	-
C01-02	Tongue	0.0002	0.0002	0.0005	0.0005
C03-06	Mouth	0.0003	0.0003	0.0005	0.0005
C07-08	Salivary glands	0.0003	0.0003	0.0003	0.0003
C09	Tonsil	0.0001	0.0001	0.0001	0.0001
C10	Other oropharynx	0.0001	0.0001	0.0001	0.0001
C11	Nasopharynx	-	-	-	-
C12-13	Hypopharynx	0.0005	0.0005	0.0007	0.0007
C14	Pharynx unspecified	-	-	-	-
C15	Oesophagus	0.0051	0.0051	0.0090	0.0090
C16	Stomach	0.0003	0.0003	0.0005	0.0005
C17	Small intestine	-	-	-	-
C18	Colon	0.0008	0.0008	0.0012	0.0012
C19-20	Rectum	0.0008	0.0008	0.0010	0.0010
C21	Anus	0.0001	0.0001	0.0004	0.0004
C22	Liver	0.0010	0.0010	0.0016	0.0016
C23-24	Gallbladder etc.	0.0024	0.0024	0.0058	0.0058
C25	Pancreas	0.0007	0.0007	0.0014	0.0014
C30-31	Nose, sinuses etc.	0.0001	0.0001	0.0001	0.0001
C32	Larynx	0.0003	0.0003	0.0006	0.0006
C33-34	Trachea, bronchus and lung	0.0011	0.0011	0.0012	0.0012
C37-38	Other thoracic organs	-	-	-	-
C40-41	Bone	0.0005	0.0005	0.0005	0.0005
C43	Melanoma of skin	0.0002	0.0002	0.0002	0.0002
C44	Other skin	0.0004	0.0004	0.0012	0.0012
C45	Mesothelioma	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-
C47,C49	Connective and soft tissue	0.0004	0.0004	0.0007	0.0007
C50	Breast	0.0123	0.0123	0.0147	0.0147
C51	Vulva	0.0003	0.0003	0.0008	0.0008
C52	Vagina	-	-	-	-
C53	Cervix uteri	0.0072	0.0072	0.0095	0.0095
C54	Corpus uteri	0.0009	0.0009	0.0012	0.0012
C55	Uterus unspecified	-	-	-	-
C56	Ovary	0.0045	0.0045	0.0061	0.0061
C57	Other female genital organs	-	-	-	-
C58	Placenta	-	-	-	-
C64	Kidney	0.0006	0.0006	0.0006	0.0006
C65	Renal pelvis	-	-	-	-
C66	Ureter	-	-	-	-
C67	Bladder	0.0006	0.0006	0.0006	0.0006
C68	Other urinary organs	-	-	-	-
C69	Eye	0.0001	0.0001	0.0001	0.0001
C70-72	Brain, nervous system	0.0007	0.0007	0.0007	0.0007
C73	Thyroid	0.0005	0.0005	0.0007	0.0007
C74	Adrenal gland	-	-	-	-
C81	Hodgkin disease	0.0003	0.0003	0.0003	0.0003
C82-85,C96	Non-Hodgkin lymphoma	0.0008	0.0008	0.0014	0.0014
C88	Immunoproliferative diseases	-	-	-	-
C90	Multiple myeloma	0.0004	0.0004	0.0004	0.0004
C91	Lymphoid leukaemia	0.0002	0.0002	0.0002	0.0002
C92-94	Myeloid leukaemia	0.0019	0.0019	0.0029	0.0029
C95	Leukaemia unspecified	0.0002	0.0002	0.0002	0.0002
O&U*	Other and unspecified	0.0039	0.0039	0.0053	0.0053
All sites		0.0510	0.0510	0.0732	0.0731

* O & U includes the sites (ICD - 10: C26, C39, C48, C76, C77, C78, C79, C80, C97)

**Table 23: Number (#) and Proportion (%) of Cancers by Site (ICD -10) and Method of Diagnosis:
2015-2016: Males Mansa District**

ICD (10th)	Sites	Clinical		Radiology		Endoscopy		Microscopic		Death Certificate		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	-	-	-	-	-	-	2	100.0	-	-	2	100.0
C01-02	Tongue	1	4.3	-	-	-	-	22	95.7	-	-	23	100.0
C03-06	Mouth	2	9.5	-	-	-	-	19	90.5	-	-	21	100.0
C07-08	Salivary glands	-	-	-	-	-	-	4	100.0	-	-	4	100.0
C09	Tonsil	-	-	-	-	-	-	7	100.0	-	-	7	100.0
C10	Other oropharynx	-	-	-	-	-	-	2	100.0	-	-	2	100.0
C11	Nasopharynx	-	-	-	-	-	-	1	100.0	-	-	1	100.0
C12-13	Hypopharynx	-	-	-	-	1	16.7	5	83.3	-	-	6	100.0
C14	Pharynx unspecified	-	-	-	-	-	-	1	100.0	-	-	1	100.0
C15	Oesophagus	4	7.0	1	1.8	1	1.8	40	70.2	11	19.3	57	100.0
C16	Stomach	1	14.3	-	-	-	-	6	85.7	-	-	7	100.0
C17	Small intestine	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	1	12.5	-	-	-	-	7	87.5	-	-	8	100.0
C19-20	Rectum	2	20.0	-	-	-	-	8	80.0	-	-	10	100.0
C21	Anus	-	-	-	-	-	-	2	100.0	-	-	2	100.0
C22	Liver	1	3.8	7	26.9	1	3.8	17	65.4	-	-	26	100.0
C23-24	Gallbladder etc.	1	6.7	1	6.7	-	-	13	86.7	-	-	15	100.0
C25	Pancreas	1	14.3	2	28.6	-	-	3	42.9	1	14.3	7	100.0
C30-31	Nose, sinuses etc.	-	-	-	-	-	-	2	100.0	-	-	2	100.0
C32	Larynx	1	7.7	-	-	-	-	12	92.3	-	-	13	100.0
C33-34	Trachea, bronchus and lung	-	-	1	4.3	-	-	21	91.3	1	4.3	23	100.0
C37-38	Other thoracic organs	-	-	-	-	-	-	1	50.0	1	50.0	2	100.0
C40-41	Bone	1	16.7	1	16.7	-	-	4	66.7	-	-	6	100.0
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other skin	-	-	-	-	-	-	5	100.0	-	-	5	100.0
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	Connective and soft tissue	-	-	-	-	-	-	8	100.0	-	-	8	100.0
C50	Breast	-	-	-	-	-	-	1	50.0	1	50.0	2	100.0
C60	Penis	1	7.7	-	-	-	-	12	92.3	-	-	13	100.0
C61	Prostate	2	8.3	1	4.2	-	-	20	83.3	1	4.2	24	100.0
C62	Testis	-	-	-	-	-	-	4	100.0	-	-	4	100.0
C63	Other male genital organs	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney	1	10.0	-	-	-	-	9	90.0	-	-	10	100.0
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	3	14.3	2	9.5	-	-	15	71.4	1	4.8	21	100.0
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	1	100.0	-	-	-	-	-	-	1	100.0
C70-72	Brain, nervous system	2	10.0	4	20.0	-	-	13	65.0	1	5.0	20	100.0
C73	Thyroid	-	-	-	-	-	-	3	100.0	-	-	3	100.0
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkin disease	-	-	-	-	-	-	2	100.0	-	-	2	100.0
C82-85,C96	Non-Hodgkin lymphoma	-	-	-	-	-	-	15	100.0	-	-	15	100.0
C88	Immunoproliferative diseases	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple myeloma	-	-	-	-	-	-	7	100.0	-	-	7	100.0
C91	Lymphoid leukaemia	-	-	-	-	-	-	14	100.0	-	-	14	100.0
C92-94	Myeloid leukaemia	-	-	-	-	-	-	21	100.0	-	-	21	100.0
C95	Leukaemia unspecified	-	-	-	-	-	-	5	100.0	-	-	5	100.0
O&U*	Other and unspecified*	3	5.1	7	11.9	-	-	34	57.6	15	25.4	59	100.0
All sites		28	5.8	28	5.8	3	0.6	387	80.8	33	6.9	479	100.0

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

**Table 24: Number (#) and Proportion (%) of Cancers by Site (ICD -10) and Method of Diagnosis:
2015-2016: Females Mansa District**

ICD (10th)	Sites	Clinical		Radiology		Endoscopy		Microscopic		Death Certificate		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	-	-	3	100.0	-	-	3	100.0
C03-06	Mouth	1	33.3	-	-	-	-	2	66.7	-	-	3	100.0
C07-08	Salivary glands	-	-	-	-	-	-	4	100.0	-	-	4	100.0
C09	Tonsil	-	-	-	-	-	-	1	100.0	-	-	1	100.0
C10	Other oropharynx	-	-	-	-	-	-	1	100.0	-	-	1	100.0
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	1	20.0	1	20.0	-	-	3	60.0	-	-	5	100.0
C14	Pharynx unspecified	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	5	8.2	4	6.6	3	4.9	45	73.8	4	6.6	61	100.0
C16	Stomach	-	-	1	25.0	-	-	2	50.0	1	25.0	4	100.0
C17	Small intestine	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	2	25.0	-	-	-	-	6	75.0	-	-	8	100.0
C19-20	Rectum	-	-	-	-	-	-	8	100.0	-	-	8	100.0
C21	Anus	-	-	-	-	-	-	2	100.0	-	-	2	100.0
C22	Liver	2	16.7	-	-	-	-	10	83.3	-	-	12	100.0
C23-24	Gallbladder etc.	3	8.6	4	11.4	-	-	26	74.3	2	5.7	35	100.0
C25	Pancreas	-	-	-	-	-	-	9	90.0	1	10.0	10	100.0
C30-31	Nose, sinuses etc.	-	-	1	100.0	-	-	-	-	-	-	1	100.0
C32	Larynx	-	-	-	-	-	-	4	100.0	-	-	4	100.0
C33-34	Trachea, bronchus and lung	1	11.1	-	-	-	-	7	77.8	1	11.1	9	100.0
C37-38	Other thoracic organs	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	Bone	-	-	-	-	-	-	5	100.0	-	-	5	100.0
C43	Melanoma of skin	-	-	-	-	-	-	1	100.0	-	-	1	100.0
C44	Other skin	-	-	-	-	-	-	6	100.0	-	-	6	100.0
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	Connective and soft tissue	-	-	-	-	-	-	4	100.0	-	-	4	100.0
C50	Breast	3	2.5	-	-	-	-	115	95.8	2	1.7	120	100.0
C51	Vulva	-	-	-	-	-	-	4	100.0	-	-	4	100.0
C52	Vagina	-	-	-	-	-	-	-	-	-	-	-	-
C53	Cervix uteri	5	7.1	1	1.4	-	-	63	90.0	1	1.4	70	100.0
C54	Corpus uteri	-	-	-	-	-	-	9	100.0	-	-	9	100.0
C55	Uterus unspecified	-	-	-	-	-	-	-	-	-	-	-	-
C56	Ovary	-	-	3	6.3	-	-	45	93.8	-	-	48	100.0
C57	Other female genital organs	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney	-	-	-	-	-	-	6	100.0	-	-	6	100.0
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	4	100.0	-	-	4	100.0
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	1	100.0	-	-	-	-	-	-	1	100.0
C70-72	Brain, nervous system	-	-	2	33.3	-	-	4	66.7	-	-	6	100.0
C73	Thyroid	-	-	-	-	-	-	5	100.0	-	-	5	100.0
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkin disease	-	-	-	-	-	-	3	100.0	-	-	3	100.0
C82-85,C96	Non-Hodgkin lymphoma	-	-	-	-	-	-	11	100.0	-	-	11	100.0
C88	Immunoproliferative diseases	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple myeloma	-	-	-	-	-	-	3	100.0	-	-	3	100.0
C91	Lymphoid leukaemia	-	-	-	-	-	-	2	100.0	-	-	2	100.0
C92-94	Myeloid leukaemia	-	-	-	-	-	-	23	100.0	-	-	23	100.0
C95	Leukaemia unspecified	-	-	-	-	-	-	3	100.0	-	-	3	100.0
O&U*	Other and unspecified	3	7.1	9	21.4	-	-	23	54.8	7	16.7	42	100.0
All sites		26	4.8	27	4.9	3	0.5	472	86.3	19	3.5	547	100.0

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

**Table 25: Number of Cancer Deaths by Five Year Age Group and Site (ICD 10): 2015-2016: Males
Mansa District**

% = Relative Proportion of Cancers of All Sites

ICD (10th)	SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Total	(%)
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	-	-	-	1	3	1	3	-	2	4	1	1	16	4.3
C03-06	Mouth	-	-	-	-	-	-	-	-	-	5	1	1	4	2	2	-	15	4.0
C07-08	Salivary glands	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	0.5
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	2	0.5
C10	Other oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.3
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	-	1	1	-	-	1	1	-	4	1.1
C14	Pharynx unspecified	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	2	0.5
C15	Oesophagus	-	-	-	-	-	-	-	-	2	3	1	8	12	3	5	13	47	12.6
C16	Stomach	-	-	-	-	-	-	-	1	1	-	-	-	1	1	-	2	6	1.6
C17	Small intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	2	0.5
C19-20	Rectum	-	-	-	-	-	-	1	-	-	2	-	-	-	-	2	4	9	2.4
C21	Anus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.3
C22	Liver	-	-	-	-	-	-	-	-	1	1	4	4	5	2	3	2	22	5.9
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	-	1	-	2	2	5	3	2	1	16	4.3
C25	Pancreas	-	-	-	-	-	-	-	-	-	-	2	-	2	3	-	1	8	2.1
C30-31	Nose, sinuses etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.3
C32	Larynx	-	-	-	-	-	-	-	-	1	3	3	3	2	4	1	3	17	4.5
C33-34	Trachea, bronchus and lung	-	-	-	-	-	2	-	-	-	2	3	5	3	4	2	1	22	5.9
C37-38	Other thoracic organs	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	2	0.5
C40-41	Bone	-	-	-	1	1	2	-	-	2	-	-	1	1	-	-	-	8	2.1
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other skin	-	-	-	-	-	-	-	-	-	-	1	-	3	2	-	1	7	1.9
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	Connective and soft tissue	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	2	0.5
C50	Breast	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C60	Penis	-	-	-	-	-	-	-	1	1	-	1	-	2	-	-	-	5	1.3
C61	Prostate	-	-	-	-	-	-	-	-	-	-	1	2	1	3	4	6	17	4.5
C62	Testis	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	2	0.5
C63	Other male genital organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	3	6	1.6
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	1	2	2	3	1	1	3	13	3.5
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	Brain, nervous system	-	1	1	-	2	1	1	2	1	1	1	3	3	1	1	1	20	5.3
C73	Thyroid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkin disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C82-85,C96	Non-Hodgkin lymphoma	-	-	-	1	1	-	1	1	-	1	1	1	1	1	2	-	11	2.9
C88	Immunoproliferative diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple myeloma	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-	4	1.1
C91	Lymphoid leukaemia	1	2	3	3	-	-	-	-	-	-	-	-	-	-	1	-	10	2.7
C92-94	Myeloid leukaemia	-	-	-	-	1	-	1	-	1	-	-	3	1	1	1	-	9	2.4
C95	Leukaemia unspecified	1	-	-	1	-	1	-	-	-	1	-	-	-	-	-	-	4	1.1
O&U*	Other and unspecified	-	-	-	-	-	-	-	4	5	10	2	7	19	6	3	5	61	16.3
All sites		3	3	4	6	6	8	4	10	18	31	32	46	77	44	32	50	374	100.0

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

**Table 26 : Number of Cancer Deaths by Five Year Age Group and Site (ICD 10) : 2015-2016: Females
Mansa District**

% = Relative Proportion of Cancers of All Sites

ICD (10th)	SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Total	(%)
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	2	0.6
C03-06	Mouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C07-08	Salivary glands	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	Other oropharynx	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	2	0.6
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	-	-	-	-	-	-	1	-	-	-	-	1	2	-	-	-	4	1.2
C14	Pharynx unspecified	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	0.3
C15	Oesophagus	-	-	-	-	-	1	-	-	4	3	5	6	10	9	8	5	51	15.0
C16	Stomach	-	-	-	-	-	-	-	-	-	1	-	1	1	1	-	-	4	1.2
C17	Small intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	3	0.9
C19-20	Rectum	-	-	-	-	2	-	-	-	-	1	1	1	1	-	-	1	7	2.1
C21	Anus	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	0.6
C22	Liver	-	-	-	-	-	-	-	-	2	1	-	2	4	-	1	1	11	3.2
C23-24	Gallbladder etc.	-	-	-	1	-	-	-	-	2	-	7	3	3	5	4	1	26	7.6
C25	Pancreas	-	-	-	-	-	-	1	-	-	-	1	2	3	2	1	2	12	3.5
C30-31	Nose, sinuses etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	Larynx	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	3	0.9
C33-34	Trachea, bronchus and lung	-	-	-	-	-	-	-	-	-	1	1	-	2	1	-	-	5	1.5
C37-38	Other thoracic organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	Bone	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	2	0.6
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.3
C44	Other skin	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	3	0.9
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	Connective and soft tissue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C50	Breast	-	-	-	-	3	1	1	4	10	5	6	7	7	8	1	4	57	16.8
C51	Vulva	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	0.6
C52	Vagina	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C53	Cervix uteri	-	-	-	-	-	-	2	4	8	4	6	7	6	3	2	3	45	13.2
C54	Corpus uteri	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C55	Uterus unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C56	Ovary	-	-	-	-	-	-	-	1	-	3	4	4	3	3	1	3	22	6.5
C57	Other female genital organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	3	0.9
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	3	0.9
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	Brain, nervous system	-	-	-	-	1	-	-	-	2	-	-	1	1	-	-	-	5	1.5
C73	Thyroid	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	3	0.9
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkin disease	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	2	0.6
C82-85,C96	Non-Hodgkin lymphoma	-	-	-	-	-	-	-	-	-	1	1	-	3	-	-	-	5	1.5
C88	Immunoproliferative diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple myeloma	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	3	0.9
C91	Lymphoid leukaemia	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	2	0.6
C92-94	Myeloid leukaemia	1	-	-	-	-	-	-	1	2	-	2	1	-	5	-	1	13	3.8
C95	Leukaemia unspecified	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	0.3
O&U*	Other and unspecified	-	-	-	-	1	-	1	1	2	5	2	4	11	3	3	2	35	10.3
All sites		2	-	-	1	8	3	6	13	33	30	40	44	65	43	26	26	340	100.0

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

**Table 27: Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) and Truncated (35- 64yrs) (TR)
Mortality Rate per 100,000 population: 2015-2016: Males Mansa District**

ICD (10th)	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TR
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	-	-	-	-	-	-	-	1.7	5.3	2.0	7.9	-	5.7	12.4	5.1	4.8	1.9	1.7	3.8
C03-06	-	-	-	-	-	-	-	-	-	9.9	2.6	3.8	11.4	6.2	10.2	-	1.7	1.7	4.3
C07-08	-	-	-	-	-	-	-	-	-	-	-	-	5.7	-	-	-	0.2	0.2	0.7
C09	-	-	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-	0.2	0.3	1.0
C10	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1	-	-	0.1	0.1	-
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	-	-	-	-	-	-	-	-	-	2.0	2.6	-	-	3.1	5.1	-	0.5	0.4	0.8
C14	-	-	-	-	-	1.4	-	-	-	2.0	-	-	-	-	-	-	0.2	0.2	0.4
C15	-	-	-	-	-	-	-	-	3.6	6.0	2.6	30.0	34.1	9.3	25.5	61.8	5.5	5.3	10.5
C16	-	-	-	-	-	-	-	1.7	1.8	-	-	-	2.8	3.1	-	9.5	0.7	0.6	1.0
C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	-	-	-	-	-	-	-	-	-	-	2.6	-	2.8	-	-	-	0.2	0.2	0.8
C19-20	-	-	-	-	-	-	1.6	-	-	4.0	-	-	-	-	10.2	19.0	1.0	0.9	0.8
C21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	0.1	0.1	-
C22	-	-	-	-	-	-	-	-	1.8	2.0	10.5	15.0	14.2	6.2	15.3	9.5	2.6	2.6	6.2
C23-24	-	-	-	-	-	-	-	-	1.8	-	5.3	7.5	14.2	9.3	10.2	4.8	1.9	1.8	4.0
C25	-	-	-	-	-	-	-	-	-	-	5.3	-	5.7	9.3	-	4.8	0.9	0.9	1.6
C30-31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	0.1	0.1	-
C32	-	-	-	-	-	-	-	-	-	2.0	7.9	11.3	5.7	12.4	5.1	14.3	2.0	2.0	3.8
C33-34	-	-	-	-	-	2.8	-	-	-	4.0	7.9	18.8	8.5	12.4	10.2	4.8	2.6	2.6	5.6
C37-38	-	-	-	-	-	-	-	-	-	-	2.6	-	-	-	-	4.8	0.2	0.2	0.4
C40-41	-	-	-	1.0	1.1	2.8	-	-	3.6	-	-	3.8	2.8	-	-	-	0.9	0.9	1.5
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	-	-	-	-	2.6	-	8.5	6.2	-	4.8	0.8	0.8	1.5
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	-	-	-	-	-	1.4	-	-	-	-	-	-	2.8	-	-	-	0.2	0.2	0.4
C50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C60	-	-	-	-	-	-	-	1.7	1.8	-	2.6	-	5.7	-	-	-	0.6	0.6	1.8
C61	-	-	-	-	-	-	-	-	-	-	2.6	7.5	2.8	9.3	20.4	28.5	2.0	1.8	1.8
C62	-	-	-	-	1.1	-	-	-	-	-	-	-	-	3.1	-	-	0.2	0.2	-
C63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	1.7	-	-	-	-	-	-	-	-	-	-	3.8	2.8	-	-	14.3	0.7	0.7	0.9
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	2.0	5.3	7.5	8.5	3.1	5.1	14.3	1.5	1.5	3.3
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	-	1.5	1.2	-	2.3	1.4	1.6	3.5	1.8	2.0	2.6	11.3	8.5	3.1	5.1	4.8	2.3	2.3	4.4
C73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C82-85,C96	-	-	-	1.0	1.1	-	1.6	1.7	-	2.0	2.6	3.8	2.8	3.1	10.2	-	1.3	1.2	2.0
C88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	-	-	-	-	-	-	-	-	-	-	2.6	3.8	5.7	-	-	-	0.5	0.5	1.6
C91	1.7	3.1	3.7	3.0	-	-	-	-	-	-	-	-	-	-	5.1	-	1.2	1.2	-
C92-94	-	-	-	-	1.1	-	1.6	-	1.8	-	-	11.3	2.8	3.1	5.1	-	1.0	1.1	2.2
C95	1.7	-	-	1.0	-	1.4	-	-	-	2.0	-	-	-	-	-	-	0.5	0.5	0.4
O&U*	-	-	-	-	-	-	-	6.9	8.9	19.9	5.3	26.3	53.9	18.6	15.3	23.8	7.1	7.0	18.1
ALL sites	5.0	4.6	4.9	6.1	6.8	11.4	6.5	17.3	32.0	61.5	84.0	172.6	218.6	136.6	163.4	237.8	43.4	42.5	85.5

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

**Table 28: Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) and Truncated (35- 64yrs) (TR)
Mortality Rate Per 100,000 population: 2015-2016: Female Mansa District**

ICD (10th)	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TR
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	-	-	-	-	-	-	-	-	1.9	-	-	-	2.3	-	-	-	0.3	0.2	0.7
C03-06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C07-08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	-	-	-	-	-	-	-	-	-	2.2	-	-	2.3	-	-	-	0.3	0.2	0.7
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	-	-	-	-	-	-	1.7	-	-	-	-	3.7	4.7	-	-	-	0.5	0.4	1.1
C14	-	-	-	-	-	-	-	1.8	-	-	-	-	-	-	-	-	0.1	0.1	0.3
C15	-	-	-	-	-	1.5	-	-	7.5	6.7	15.2	22.0	23.3	34.5	49.1	21.5	6.7	6.0	11.0
C16	-	-	-	-	-	-	-	-	-	2.2	-	3.7	2.3	3.8	-	-	0.5	0.5	1.2
C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	-	-	-	-	-	-	-	-	-	2.2	-	3.7	-	3.8	-	-	0.4	0.4	0.9
C19-20	-	-	-	-	2.6	-	-	-	-	2.2	3.0	3.7	2.3	-	-	4.3	0.9	0.8	1.7
C21	-	-	-	-	-	-	-	-	-	-	-	-	2.3	-	6.1	-	0.3	0.2	0.3
C22	-	-	-	-	-	-	-	-	3.8	2.2	-	7.3	9.3	-	6.1	4.3	1.4	1.2	3.3
C23-24	-	-	-	1.3	-	-	-	-	3.8	-	21.3	11.0	7.0	19.1	24.6	4.3	3.4	3.3	6.5
C25	-	-	-	-	-	-	1.7	-	-	-	3.0	7.3	7.0	7.7	6.1	8.6	1.6	1.4	2.3
C30-31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	-	-	-	-	-	-	-	-	-	-	-	3.7	2.3	-	6.1	-	0.4	0.4	0.8
C33-34	-	-	-	-	-	-	-	-	-	2.2	3.0	-	4.7	3.8	-	-	0.7	0.6	1.5
C37-38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	-	-	-	-	-	-	-	-	-	2.2	-	-	-	-	-	4.3	0.3	0.2	0.4
C43	-	-	-	-	-	-	-	-	-	-	3.0	-	-	-	-	-	0.1	0.2	0.5
C44	-	-	-	-	-	-	-	-	-	-	-	3.7	-	3.8	-	4.3	0.4	0.3	0.5
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C50	-	-	-	-	3.9	1.5	1.7	7.1	18.8	11.1	18.3	25.7	16.3	30.6	6.1	17.2	7.5	6.7	15.5
C51	-	-	-	-	-	-	-	-	-	-	-	-	2.3	-	6.1	-	0.3	0.2	0.3
C52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C53	-	-	-	-	-	-	3.4	7.1	15.1	8.9	18.3	25.7	14.0	11.5	12.3	12.9	5.9	5.4	14.1
C54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C56	-	-	-	-	-	-	-	1.8	-	6.7	12.2	14.7	7.0	11.5	6.1	12.9	2.9	2.7	6.4
C57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	1.9	-	-	-	-	-	-	-	-	-	-	-	2.3	-	-	4.3	0.4	0.4	0.3
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	-	-	-	2.3	-	12.3	-	0.4	0.3	0.3
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	-	-	-	-	1.3	-	-	-	3.8	-	-	3.7	2.3	-	-	-	0.7	0.6	1.5
C73	-	-	-	-	-	-	-	-	-	-	-	3.7	2.3	3.8	-	-	0.4	0.4	0.8
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	-	-	-	-	-	1.5	-	-	-	-	3.0	-	-	-	-	-	0.3	0.3	0.5
C82-85,C96	-	-	-	-	-	-	-	-	-	2.2	3.0	-	7.0	-	-	-	0.7	0.6	1.8
C88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	-	-	-	-	-	-	-	-	-	2.2	6.1	-	-	-	-	-	0.4	0.4	1.4
C91	-	-	-	-	1.3	-	-	-	-	2.2	-	-	-	-	-	-	0.3	0.2	0.4
C92-94	1.9	-	-	-	-	-	-	1.8	3.8	-	6.1	3.7	-	19.1	-	4.3	1.7	1.7	2.5
C95	-	-	-	-	-	-	-	1.8	-	-	-	-	-	-	-	-	0.1	0.1	0.3
O&U*	-	-	-	-	1.3	-	1.7	1.8	3.8	11.1	6.1	14.7	25.6	11.5	18.4	8.6	4.6	4.0	9.4
All sites	3.8	-	-	1.3	10.5	4.6	10.3	23.1	62.2	66.6	121.9	161.3	151.3	164.6	159.7	111.8	44.6	40.5	89.4

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

Standard Registry Tables: 2015

Table 29: Number of Incidence Cancers by Five Year Age Group and Site (ICD 10): 2015: Males
Mansa District

% = Relative Proportion of Cancers of All Sites

ICD (10th)	SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Total	(%)
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.4
C01-02	Tongue	-	-	-	-	-	-	-	1	-	2	2	-	3	1	-	-	9	3.8
C03-06	Mouth	-	-	-	-	-	-	-	-	-	1	2	2	3	-	-	-	8	3.4
C07-08	Salivary glands	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	2	0.9
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	4	1.7
C10	Other oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.4
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.4
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	-	1	1	-	-	-	2	-	4	1.7
C14	Pharynx unspecified	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	0.4
C15	Oesophagus	-	-	-	-	-	-	-	-	1	1	-	4	9	5	1	9	30	12.8
C16	Stomach	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-	1	4	1.7
C17	Small intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	3	1.3
C19-20	Rectum	-	-	-	-	-	-	1	-	1	-	-	-	1	-	-	2	5	2.1
C21	Anus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C22	Liver	-	-	-	-	-	-	-	-	-	1	2	3	1	2	2	-	11	4.7
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	-	1	-	2	-	1	1	2	1	8	3.4
C25	Pancreas	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	0.9
C30-31	Nose, sinuses etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.4
C32	Larynx	-	-	-	-	-	-	-	-	-	-	-	1	-	2	1	1	5	2.1
C33-34	Trachea, bronchus and lung	-	-	-	-	-	1	-	-	-	1	2	4	1	3	1	1	14	6
C37-38	Other thoracic organs	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.4
C40-41	Bone	-	-	-	-	1	1	-	-	-	-	-	-	1	-	-	-	3	1.3
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other skin	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	3	1.3
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	Connective and soft tissue	-	-	-	-	-	1	-	-	-	-	-	1	2	-	-	-	4	1.7
C50	Breast	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C60	Penis	-	-	-	-	-	-	-	1	1	1	1	-	1	-	-	1	6	2.6
C61	Prostate	-	-	-	-	-	-	-	-	-	-	1	-	-	3	6	-	10	4.3
C62	Testis	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-	3	1.3
C63	Other male genital organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney	-	-	-	-	-	-	-	-	-	1	-	2	-	-	1	1	5	2.1
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	1	1	2	4	1	-	3	12	5.1
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	Brain, nervous system	-	1	1	1	-	-	1	1	1	-	2	1	2	-	1	1	13	5.5
C73	Thyroid	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	3	1.3
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkin disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C82-85,C96	Non-Hodgkin lymphoma	-	-	1	1	-	-	1	1	-	-	1	1	1	1	-	-	8	3.4
C88	Immunoproliferative diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple myeloma	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	1	4	1.7
C91	Lymphoid leukaemia	-	1	2	2	-	-	-	-	-	-	-	-	-	-	-	-	5	2.1
C92-94	Myeloid leukaemia	-	-	-	-	1	1	-	2	-	1	-	-	2	-	2	-	9	3.8
C95	Leukaemia unspecified	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	0.9
O&U*	Other and unspecified	-	-	-	-	-	-	-	2	1	5	1	5	5	6	2	3	30	12.8
All sites		1	2	5	4	2	5	5	9	7	20	26	30	44	29	21	25	235	100

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

Table 30: Number of Incidence Cancers by Five Year Age Group and Site (ICD 10): 2015: Females
Mansa District

% = Relative Proportion of Cancers of All Sites

ICD (10th)	SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Total	(%)
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	0.4
C03-06	Mouth	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	2	0.7
C07-08	Salivary glands	-	-	-	1	-	-	1	-	-	-	-	-	1	-	-	-	3	1.1
C09	Tonsil	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	0.4
C10	Other oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.4
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.4
C14	Pharynx unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	-	-	-	-	-	-	-	-	2	-	6	4	5	1	4	1	23	8.5
C16	Stomach	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.4
C17	Small intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	-	-	-	1	-	1	1	2	-	-	5	1.9
C19-20	Rectum	-	-	-	-	1	-	-	-	-	1	-	1	2	1	-	-	6	2.2
C21	Anus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.4
C22	Liver	-	-	-	-	-	-	-	-	2	-	-	2	3	-	1	1	9	3.3
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	-	3	-	5	2	3	3	2	-	18	6.7
C25	Pancreas	-	-	-	-	-	-	-	-	1	-	-	1	-	2	-	2	6	2.2
C30-31	Nose, sinuses etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	Larynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.4
C33-34	Trachea, bronchus and lung	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	-	4	1.5
C37-38	Other thoracic organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	Bone	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.4
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.4
C44	Other skin	-	-	-	-	-	-	-	-	-	-	-	1	-	1	2	1	5	1.9
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	Connective and soft tissue	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	3	1.1
C50	Breast	-	-	-	-	1	1	3	5	11	11	7	7	8	4	1	3	62	23
C51	Vulva	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	0.7
C52	Vagina	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C53	Cervix uteri	-	-	-	-	-	-	1	2	5	2	4	5	9	3	2	2	35	13
C54	Corpus uteri	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.4
C55	Uterus unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C56	Ovary	-	-	1	-	-	1	1	2	3	5	4	-	4	4	1	1	27	10
C57	Other female genital organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney	2	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	5	1.9
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	1	-	-	-	-	2	1	-	-	-	4	1.5
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	Brain, nervous system	-	-	-	1	1	-	-	-	-	-	-	1	1	-	-	-	4	1.5
C73	Thyroid	-	-	-	-	-	-	-	1	-	-	-	1	-	1	-	-	3	1.1
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkin disease	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	2	0.7
C82-85,C96	Non-Hodgkin lymphoma	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	2	0.7
C88	Immunoproliferative diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple myeloma	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.4
C91	Lymphoid leukaemia	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.4
C92-94	Myeloid leukaemia	1	-	-	-	3	-	-	-	-	-	3	2	1	4	-	2	16	5.9
C95	Leukaemia unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U*	Other and unspecified	-	-	-	-	-	-	1	-	1	3	1	1	3	-	-	2	12	4.4
All sites		3	1	1	2	6	2	8	12	30	28	36	33	48	28	16	16	270	100

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

**Table 31: Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) and Truncated (35- 64yrs) (TR)
Incidence Rate per 100,000 population: 2015: Males Mansa District**

ICD (10th)	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TR
C00	-	-	-	-	-	-	-	-	-	-	-	7.6	-	-	-	-	0.2	0.3	1.0
C01-02	-	-	-	-	-	-	-	3.5	-	8.1	10.6	-	17.4	6.3	-	-	2.1	2.1	6.2
C03-06	-	-	-	-	-	-	-	-	-	4.0	10.6	15.3	17.4	-	-	-	1.9	2.1	6.7
C07-08	-	-	2.4	-	-	-	-	-	-	-	-	-	5.8	-	-	-	0.5	0.5	0.7
C09	-	-	-	-	-	-	-	-	-	-	10.6	15.3	-	-	-	-	0.9	1.1	3.7
C10	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	-	-	0.2	0.2	-
C11	-	-	-	-	-	-	-	-	-	-	5.3	-	-	-	-	-	0.2	0.3	0.9
C12-13	-	-	-	-	-	-	-	-	-	4.0	5.3	-	-	-	20.6	-	0.9	0.9	1.6
C14	-	-	-	-	-	2.9	-	-	-	-	-	-	-	-	-	-	0.2	0.2	-
C15	-	-	-	-	-	-	-	-	3.6	4.0	-	30.5	52.1	31.7	10.3	86.7	7.0	6.7	12.1
C16	-	-	-	-	-	-	-	-	3.6	4.0	-	-	-	6.3	-	9.6	0.9	0.8	1.5
C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	-	-	-	-	-	-	-	-	-	4.0	5.3	7.6	-	-	-	-	0.7	0.8	2.6
C19-20	-	-	-	-	-	-	3.3	-	3.6	-	-	-	5.8	-	-	19.3	1.2	1.0	1.4
C21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C22	-	-	-	-	-	-	-	-	-	4.0	10.6	22.9	5.8	12.7	20.6	-	2.6	2.7	6.2
C23-24	-	-	-	-	-	-	-	-	3.6	-	10.6	-	5.8	6.3	20.6	9.6	1.9	1.8	3.2
C25	-	-	-	-	-	-	-	-	-	-	-	-	5.8	6.3	-	-	0.5	0.4	0.7
C30-31	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	-	-	0.2	0.2	-
C32	-	-	-	-	-	-	-	-	-	-	-	7.6	-	12.7	10.3	9.6	1.2	1.1	1.0
C33-34	-	-	-	-	-	2.9	-	-	-	4.0	10.6	30.5	5.8	19.0	10.3	9.6	3.3	3.4	7.2
C37-38	-	-	-	-	-	-	-	-	-	-	5.3	-	-	-	-	-	0.2	0.3	0.9
C40-41	-	-	-	-	2.3	2.9	-	-	-	-	-	-	5.8	-	-	-	0.7	0.6	0.7
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	-	-	-	-	5.3	-	11.6	-	-	-	0.7	0.7	2.3
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	-	-	-	-	-	2.9	-	-	-	-	-	7.6	11.6	-	-	-	0.9	1.0	2.5
C50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C60	-	-	-	-	-	-	-	3.5	3.6	4.0	5.3	-	5.8	-	-	9.6	1.4	1.4	3.7
C61	-	-	-	-	-	-	-	-	-	-	5.3	-	-	19.0	61.8	-	2.3	2.1	0.9
C62	-	-	-	-	-	-	-	3.5	-	8.1	-	-	-	-	-	-	0.7	0.7	2.2
C63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	-	-	-	-	-	-	-	-	-	4.0	-	15.3	-	-	10.3	9.6	1.2	1.3	2.7
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	4.0	5.3	15.3	23.1	6.3	-	28.9	2.8	2.8	6.6
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	-	3.0	2.4	2.0	-	-	3.3	3.5	3.6	-	10.6	7.6	11.6	-	10.3	9.6	3.0	3.0	5.6
C73	-	-	-	-	-	-	6.6	-	-	-	5.3	-	-	-	-	-	0.7	0.7	0.9
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C82-85,C96	-	-	2.4	2.0	-	-	3.3	3.5	-	-	5.3	7.6	5.8	6.3	-	-	1.9	1.8	3.3
C88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	-	-	-	-	-	-	-	-	-	-	5.3	-	11.6	-	-	9.6	0.9	0.9	2.3
C91	-	3.0	4.9	4.1	-	-	-	-	-	-	-	-	-	-	-	-	1.2	1.1	-
C92-94	-	-	-	-	2.3	2.9	-	7.0	-	4.0	-	-	11.6	-	20.6	-	2.1	1.9	3.6
C95	3.3	-	-	-	-	-	-	-	-	-	-	-	5.8	-	-	-	0.5	0.6	0.7
O&U*	-	-	-	-	-	-	-	7.0	3.6	20.1	5.3	38.2	28.9	38.1	20.6	28.9	7.0	6.9	15.4
All sites	3.3	6.1	12.2	8.2	4.6	14.3	16.4	31.3	25.1	80.6	137.9	228.9	254.5	183.9	216.5	240.9	54.8	54.5	111.1

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

**Table 32: Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) and Truncated (35- 64yrs) (TR)
Incidence Rate per 100,000 population: 2015: Females Mansa District**

ICD (10th)	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TR
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	-	-	-	-	-	-	-	-	3.8	-	-	-	-	-	-	-	0.3	0.2	0.7
C03-06	-	-	-	-	-	-	-	-	-	-	-	7.5	4.8	-	-	-	0.5	0.5	1.6
C07-08	-	-	-	2.7	-	-	3.5	-	-	-	-	-	4.8	-	-	-	0.8	0.6	0.6
C09	-	-	-	-	-	-	-	3.6	-	-	-	-	-	-	-	-	0.3	0.2	0.7
C10	-	-	-	-	-	-	-	-	-	-	-	-	4.8	-	-	-	0.3	0.2	0.6
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	-	-	-	-	-	-	-	-	-	-	-	-	4.8	-	-	-	0.3	0.2	0.6
C14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	-	-	-	-	-	-	-	-	7.6	-	37.1	29.8	23.8	7.8	49.6	8.7	6.1	5.9	14.4
C16	-	-	-	-	-	-	-	-	-	-	-	-	4.8	-	-	-	0.3	0.2	0.6
C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	-	-	-	-	-	-	-	-	-	4.5	-	7.5	4.8	15.5	-	-	1.3	1.2	2.4
C19-20	-	-	-	-	2.6	-	-	-	-	4.5	-	7.5	9.5	7.8	-	-	1.6	1.4	3.1
C21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.4	-	0.3	0.2	-
C22	-	-	-	-	-	-	-	-	7.6	-	-	14.9	14.3	-	12.4	8.7	2.4	2.0	5.2
C23-24	-	-	-	-	-	-	-	-	11.4	-	30.9	14.9	14.3	23.3	24.8	-	4.7	4.6	11.0
C25	-	-	-	-	-	-	-	-	3.8	-	-	7.5	-	15.5	-	17.5	1.6	1.3	1.7
C30-31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.4	-	0.3	0.2	-
C33-34	-	-	-	-	-	-	-	-	-	4.5	18.5	-	-	-	-	-	1.1	1.2	3.9
C37-38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	-	-	-	-	-	-	-	-	-	4.5	-	-	-	-	-	-	0.3	0.3	0.9
C43	-	-	-	-	-	-	-	-	-	-	6.2	-	-	-	-	-	0.3	0.3	1.0
C44	-	-	-	-	-	-	-	-	-	-	-	7.5	-	7.8	24.8	8.7	1.3	1.2	1.0
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	-	-	-	-	-	-	-	-	-	-	-	7.5	4.8	-	12.4	-	0.8	0.7	1.6
C50	-	-	-	-	2.6	3.1	10.4	17.9	42.0	49.5	43.2	52.2	38.1	31.0	12.4	26.2	16.3	15.1	39.8
C51	-	-	-	-	-	-	-	-	-	-	-	-	4.8	7.8	-	-	0.5	0.4	0.6
C52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C53	-	-	-	-	-	-	3.5	7.2	19.1	9.0	24.7	37.3	42.8	23.3	24.8	17.5	9.2	8.3	21.1
C54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.7	0.3	0.2	-
C55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C56	-	-	3.3	-	-	3.1	3.5	7.2	11.4	22.5	24.7	-	19.0	31.0	12.4	8.7	7.1	6.6	14.4
C57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	7.6	-	-	-	-	-	-	-	3.8	9.0	-	-	-	-	-	-	1.3	1.7	2.5
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	3.5	-	-	-	-	14.9	4.8	-	-	-	1.1	1.0	2.5
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	-	-	-	2.7	2.6	-	-	-	-	-	-	7.5	4.8	-	-	-	1.1	0.9	1.6
C73	-	-	-	-	-	-	-	3.6	-	-	-	7.5	-	7.8	-	-	0.8	0.7	1.7
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	-	-	-	-	-	-	-	3.6	-	-	6.2	-	-	-	-	-	0.5	0.5	1.7
C82-85,C96	-	-	-	-	-	-	-	-	-	4.5	-	-	-	7.8	-	-	0.5	0.5	0.9
C88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	-	-	-	-	-	-	-	-	-	-	6.2	-	-	-	-	-	0.3	0.3	1.0
C91	-	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	0.4	-
C92-94	3.8	-	-	-	7.9	-	-	-	-	-	18.5	14.9	4.8	31.0	-	17.5	4.2	4.1	5.5
C95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U*	-	-	-	-	-	-	3.5	-	3.8	13.5	6.2	7.5	14.3	-	-	17.5	3.2	2.8	7.2
All sites	11.4	3.8	3.3	5.3	15.9	6.2	27.6	43.0	114.5	126.1	222.4	245.9	228.5	217.1	198.5	139.9	71.2	66.3	152.0

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

Table 33: Number of Cancer Deaths by Five Year Age Group and Site (ICD 10): 2015: Males
Mansa District

% = Relative Proportion of Cancers of All Sites

ICD (10th)	SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Total	(%)
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	-	-	-	-	1	-	1	-	-	1	-	-	3	1.6
C03-06	Mouth	-	-	-	-	-	-	-	-	-	4	1	-	1	1	2	-	9	4.7
C07-08	Salivary glands	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	1
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	Other oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.5
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	2	1
C14	Pharynx unspecified	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.5
C15	Oesophagus	-	-	-	-	-	-	-	-	1	1	-	5	5	2	4	8	26	13.5
C16	Stomach	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	2	1
C17	Small intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	2	1
C19-20	Rectum	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	4	6	3.1
C21	Anus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.5
C22	Liver	-	-	-	-	-	-	-	-	1	1	1	2	2	2	3	1	13	6.7
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	-	1	-	2	-	1	1	1	1	7	3.6
C25	Pancreas	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	1
C30-31	Nose, sinuses etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	Larynx	-	-	-	-	-	-	-	-	-	1	2	1	1	3	-	2	10	5.2
C33-34	Trachea, bronchus and lung	-	-	-	-	-	-	-	-	-	1	2	3	1	2	1	1	11	5.7
C37-38	Other thoracic organs	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.5
C40-41	Bone	-	-	-	1	-	2	-	-	2	-	-	-	1	-	-	-	6	3.1
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other skin	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	1	5	2.6
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	Connective and soft tissue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C50	Breast	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C60	Penis	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	2	1
C61	Prostate	-	-	-	-	-	-	-	-	-	-	1	1	1	1	2	3	9	4.7
C62	Testis	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	2	1
C63	Other male genital organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	4	2.1
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-	1	5	2.6
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	Brain, nervous system	-	-	1	-	1	-	-	1	-	-	-	2	2	1	1	-	9	4.7
C73	Thyroid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkin disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C82-85,C96	Non-Hodgkin lymphoma	-	-	-	1	-	-	1	-	-	-	-	-	1	1	1	-	5	2.6
C88	Immunoproliferative diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple myeloma	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	2	1
C91	Lymphoid leukaemia	-	1	2	2	-	-	-	-	-	-	-	-	-	-	1	-	6	3.1
C92-94	Myeloid leukaemia	-	-	-	-	1	-	-	-	-	-	-	2	-	-	-	-	3	1.6
C95	Leukaemia unspecified	1	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	3	1.6
O&U*	Other and unspecified	-	-	-	-	-	-	-	2	3	6	2	2	10	3	1	4	33	17.1
All sites		2	1	3	4	3	3	2	3	10	18	18	18	36	24	18	30	193	100

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

**Table 34: Number of Cancer Deaths by Five Year Age Group and Site (ICD 10): 2015: Females
Mansa District**

% = Relative Proportion of Cancers of All Sites

ICD (10th)	SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Total	(%)
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	0.6
C03-06	Mouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C07-08	Salivary glands	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	Other oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	2	1.3
C14	Pharynx unspecified	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	0.6
C15	Oesophagus	-	-	-	-	-	1	-	-	3	1	5	3	5	4	2	3	27	17.2
C16	Stomach	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.6
C17	Small intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C19-20	Rectum	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	2	1.3
C21	Anus	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.6
C22	Liver	-	-	-	-	-	-	-	-	2	-	-	-	3	-	-	1	6	3.8
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	-	1	-	4	2	2	-	2	-	11	7
C25	Pancreas	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	2	5	3.2
C30-31	Nose, sinuses etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	Larynx	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	2	1.3
C33-34	Trachea, bronchus and lung	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	2	1.3
C37-38	Other thoracic organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	Bone	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.6
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other skin	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.6
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	Connective and soft tissue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C50	Breast	-	-	-	-	1	1	1	3	2	3	4	5	2	5	-	1	28	17.8
C51	Vulva	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C52	Vagina	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C53	Cervix uteri	-	-	-	-	-	-	1	2	3	3	2	2	4	1	-	1	19	12.1
C54	Corpus uteri	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C55	Uterus unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C56	Ovary	-	-	-	-	-	-	-	-	-	2	3	1	1	3	-	-	10	6.4
C57	Other female genital organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	2	1.3
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	1.3
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	Brain, nervous system	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	2	1.3
C73	Thyroid	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	2	1.3
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkin disease	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	2	1.3
C82-85,C96	Non-Hodgkin lymphoma	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	2	1.3
C88	Immunoproliferative diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple myeloma	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	2	1.3
C91	Lymphoid leukaemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C92-94	Myeloid leukaemia	1	-	-	-	-	-	-	1	1	-	1	1	-	3	-	-	8	5.1
C95	Leukaemia unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U*	Other and unspecified	-	-	-	-	-	-	1	-	1	2	1	3	3	1	1	2	15	9.6
All sites		1	-	-	-	2	3	4	7	15	16	24	21	26	19	8	11	157	100

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

Table 35: Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) and Truncated (35- 64yrs) (TR) Mortality Rate per 100,000 population: 2015: Males Mansa District

ICD (10th)	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TR
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	-	-	-	-	-	-	-	-	3.6	-	5.3	-	-	6.3	-	-	0.7	0.7	1.6
C03-06	-	-	-	-	-	-	-	-	-	16.1	5.3	-	5.8	6.3	20.6	-	2.1	2.1	4.7
C07-08	-	-	-	-	-	-	-	-	-	-	-	-	11.6	-	-	-	0.5	0.5	1.5
C09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	-	-	-	-	-	-	-	-	-	-	-	-	-	6.3	-	-	0.2	0.2	-
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	-	-	-	-	-	-	-	-	-	4.0	-	-	-	6.3	-	-	0.5	0.4	0.8
C14	-	-	-	-	-	-	-	-	-	4.0	-	-	-	-	-	-	0.2	0.2	0.8
C15	-	-	-	-	-	-	-	-	3.6	4.0	-	38.2	28.9	12.7	41.2	77.1	6.1	5.9	10.1
C16	-	-	-	-	-	-	-	-	-	-	-	-	5.8	-	-	9.6	0.5	0.4	0.7
C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	-	-	-	-	-	-	-	-	-	-	5.3	-	5.8	-	-	-	0.5	0.5	1.6
C19-20	-	-	-	-	-	-	3.3	-	-	-	-	-	-	-	10.3	38.6	1.4	1.2	-
C21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.6	0.2	0.2	-
C22	-	-	-	-	-	-	-	-	3.6	4.0	5.3	15.3	11.6	12.7	30.9	9.6	3.0	3.0	5.8
C23-24	-	-	-	-	-	-	-	-	3.6	-	10.6	-	5.8	6.3	10.3	9.6	1.6	1.6	3.2
C25	-	-	-	-	-	-	-	-	-	-	-	-	5.8	6.3	-	-	0.5	0.4	0.7
C30-31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	-	-	-	-	-	-	-	-	-	4.0	10.6	7.6	5.8	19.0	-	19.3	2.3	2.3	4.2
C33-34	-	-	-	-	-	-	-	-	-	4.0	10.6	22.9	5.8	12.7	10.3	9.6	2.6	2.7	6.2
C37-38	-	-	-	-	-	-	-	-	-	-	5.3	-	-	-	-	-	0.2	0.3	0.9
C40-41	-	-	-	2.0	-	5.7	-	-	7.2	-	-	-	5.8	-	-	-	1.4	1.3	2.1
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	-	-	-	-	5.3	-	11.6	6.3	-	9.6	1.2	1.1	2.3
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C60	-	-	-	-	-	-	-	-	3.6	-	5.3	-	-	-	-	-	0.5	0.5	1.6
C61	-	-	-	-	-	-	-	-	-	-	5.3	7.6	5.8	6.3	20.6	28.9	2.1	2.0	2.6
C62	-	-	-	-	2.3	-	-	-	-	-	-	-	-	6.3	-	-	0.5	0.4	-
C63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	3.3	-	-	-	-	-	-	-	-	-	-	-	5.8	-	-	19.3	0.9	1.0	0.7
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	4.0	5.3	-	5.8	6.3	-	9.6	1.2	1.1	2.4
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	-	-	2.4	-	2.3	-	-	3.5	-	-	-	15.3	11.6	6.3	10.3	-	2.1	2.1	4.1
C73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C82-85,C96	-	-	-	2.0	-	-	3.3	-	-	-	-	-	5.8	6.3	10.3	-	1.2	1.0	0.7
C88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	-	-	-	-	-	-	-	-	-	-	5.3	-	5.8	-	-	-	0.5	0.5	1.6
C91	-	3.0	4.9	4.1	-	-	-	-	-	-	-	-	-	-	10.3	-	1.4	1.3	-
C92-94	-	-	-	-	2.3	-	-	-	-	-	-	15.3	-	-	-	-	0.7	0.8	2.0
C95	3.3	-	-	-	-	2.9	-	-	-	4.0	-	-	-	-	-	-	0.7	0.9	0.8
O&U*	-	-	-	-	-	-	-	7.0	10.8	24.2	10.6	15.3	57.8	19.0	10.3	38.6	7.7	7.5	19.3
All sites	6.6	3.0	7.3	8.2	6.9	8.6	6.6	10.4	35.9	72.5	95.5	137.3	208.2	152.2	185.5	289.1	45.0	43.9	83.0

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

Table 36: Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) and Truncated (35- 64yrs) (TR) Mortality Rate per 100,000 population: 2015: Females Mansa District

ICD (10th)	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TR
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	-	-	-	-	-	-	-	-	3.8	-	-	-	-	-	-	-	0.3	0.2	0.7
C03-06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C07-08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	-	-	-	-	-	-	3.5	-	-	-	-	-	4.8	-	-	-	0.5	0.4	0.6
C14	-	-	-	-	-	-	-	3.6	-	-	-	-	-	-	-	-	0.3	0.2	0.7
C15	-	-	-	-	-	3.1	-	-	11.4	4.5	30.9	22.4	23.8	31.0	24.8	26.2	7.1	6.5	14.0
C16	-	-	-	-	-	-	-	-	-	4.5	-	-	-	-	-	-	0.3	0.3	0.9
C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C19-20	-	-	-	-	2.6	-	-	-	-	4.5	-	-	-	-	-	-	0.5	0.5	0.9
C21	-	-	-	-	-	-	-	-	-	-	-	-	4.8	-	-	-	0.3	0.2	0.6
C22	-	-	-	-	-	-	-	-	7.6	-	-	-	14.3	-	-	8.7	1.6	1.2	3.3
C23-24	-	-	-	-	-	-	-	-	3.8	-	24.7	14.9	9.5	-	24.8	-	2.9	2.9	7.9
C25	-	-	-	-	-	-	-	-	-	-	-	14.9	-	7.8	-	17.5	1.3	1.2	1.9
C30-31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	-	-	-	-	-	-	-	-	-	-	-	7.5	-	-	12.4	-	0.5	0.5	1.0
C33-34	-	-	-	-	-	-	-	-	-	-	6.2	-	4.8	-	-	-	0.5	0.5	1.6
C37-38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	-	-	-	-	-	-	-	-	-	4.5	-	-	-	-	-	-	0.3	0.3	0.9
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	-	-	-	-	-	-	-	7.8	-	-	0.3	0.2	-
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C50	-	-	-	-	2.6	3.1	3.5	10.7	7.6	13.5	24.7	37.3	9.5	38.8	-	8.7	7.4	7.0	16.2
C51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C53	-	-	-	-	-	-	3.5	7.2	11.4	13.5	12.4	14.9	19.0	7.8	-	8.7	5.0	4.5	12.6
C54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C56	-	-	-	-	-	-	-	-	-	9.0	18.5	7.5	4.8	23.3	-	-	2.6	2.7	6.3
C57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	-	-	-	-	-	-	-	-	-	-	-	-	4.8	-	-	8.7	0.5	0.4	0.6
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.8	-	0.5	0.5	-
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	-	-	-	-	-	-	-	-	3.8	-	-	-	4.8	-	-	-	0.5	0.4	1.4
C73	-	-	-	-	-	-	-	-	-	-	-	7.5	4.8	-	-	-	0.5	0.5	1.6
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	-	-	-	-	-	3.1	-	-	-	-	6.2	-	-	-	-	-	0.5	0.6	1.0
C82-85,C96	-	-	-	-	-	-	-	-	-	4.5	6.2	-	-	-	-	-	0.5	0.6	1.9
C88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	-	-	-	-	-	-	-	-	-	4.5	6.2	-	-	-	-	-	0.5	0.6	1.9
C91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C92-94	3.8	-	-	-	-	-	-	3.6	3.8	-	6.2	7.5	-	23.3	-	-	2.1	2.2	3.4
C95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U*	-	-	-	-	-	-	3.5	-	3.8	9.0	6.2	22.4	14.3	7.8	12.4	17.5	4.0	3.6	8.2
All sites	3.8	-	-	-	5.3	9.3	13.8	25.1	57.2	72.1	148.2	156.5	123.8	147.3	99.3	96.2	41.4	38.7	90.0

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

Standard Registry Tables : 2016

Table 37: Number of Incidence Cancers by Five Year Age Group and Site (ICD 10): 2016: Males
Mansa District

% = Relative Proportion of Cancers of All Sites

ICD (10th)	SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Total	(%)
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.4
C01-02	Tongue	-	-	-	-	-	-	-	2	2	1	2	1	2	2	1	1	14	5.7
C03-06	Mouth	-	-	-	-	-	-	-	-	2	1	4	1	2	2	1	-	13	5.3
C07-08	Salivary glands	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	2	0.8
C09	Tonsil	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-	3	1.2
C10	Other oropharynx	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.4
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2	0.8
C14	Pharynx unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	-	-	-	-	-	-	-	1	1	2	4	6	7	2	2	2	27	11.1
C16	Stomach	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	1	3	1.2
C17	Small intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	-	-	-	-	2	-	1	1	-	1	5	2
C19-20	Rectum	-	-	-	-	-	-	1	-	-	1	2	-	1	-	-	-	5	2
C21	Anus	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	2	0.8
C22	Liver	-	-	-	-	-	-	-	-	-	1	6	2	5	-	-	1	15	6.1
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	-	-	-	-	3	3	1	-	-	7	2.9
C25	Pancreas	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-	1	5	2
C30-31	Nose, sinuses etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.4
C32	Larynx	-	-	-	-	-	-	-	-	-	-	2	3	2	1	-	-	8	3.3
C33-34	Trachea, bronchus and lung	-	-	-	-	-	1	-	-	1	-	1	1	2	2	1	-	9	3.7
C37-38	Other thoracic organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.4
C40-41	Bone	-	-	1	-	-	-	-	-	1	-	-	1	-	-	-	-	3	1.2
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other skin	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	2	0.8
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	Connective and soft tissue	-	-	-	-	-	3	-	-	-	-	-	-	1	-	-	-	4	1.6
C50	Breast	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	2	0.8
C60	Penis	-	-	-	-	-	-	-	-	-	1	1	-	2	1	-	2	7	2.9
C61	Prostate	-	-	-	-	-	-	-	-	-	-	2	1	3	-	3	5	14	5.7
C62	Testis	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.4
C63	Other male genital organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney	-	-	-	-	-	-	-	-	-	-	1	2	1	-	-	1	5	2
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	-	-	1	1	3	4	-	9	3.7
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.4
C70-72	Brain, nervous system	-	-	-	-	1	1	-	1	-	2	2	-	-	-	-	-	7	2.9
C73	Thyroid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkin disease	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	2	0.8
C82-85,C96	Non-Hodgkin lymphoma	-	-	-	-	1	-	-	-	2	1	1	1	-	-	1	-	7	2.9
C88	Immunoproliferative diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple myeloma	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	3	1.2
C91	Lymphoid leukaemia	1	-	-	2	-	-	1	-	1	-	-	1	1	-	1	1	9	3.7
C92-94	Myeloid leukaemia	-	-	-	-	-	1	2	-	2	1	-	1	-	3	1	1	12	4.9
C95	Leukaemia unspecified	-	-	-	2	-	-	-	-	-	-	-	-	-	1	-	-	3	1.2
O&U*	Other and unspecified	-	-	1	-	-	-	-	-	2	3	1	3	8	2	8	1	29	11.9
All sites		2	-	3	5	2	6	4	6	15	17	40	31	45	23	24	21	244	100

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

Table 38: Number of Incidence Cancers by Five Year Age Group and Site (ICD 10): 2016: Females
Mansa District

% = Relative Proportion of Cancers of All Sites

ICD (10th)	SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Total	(%)
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	2	0.7
C03-06	Mouth	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.4
C07-08	Salivary glands	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.4
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	Other oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	-	-	-	-	-	-	-	1	-	-	-	1	1	1	-	-	4	1.4
C14	Pharynx unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	-	-	-	-	-	1	-	1	4	4	5	2	5	8	3	5	38	13.7
C16	Stomach	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	3	1.1
C17	Small intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	3	1.1
C19-20	Rectum	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	2	0.7
C21	Anus	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	0.4
C22	Liver	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	3	1.1
C23-24	Gallbladder etc.	-	-	-	1	-	-	-	-	-	-	2	-	2	7	3	2	17	6.1
C25	Pancreas	-	-	-	-	-	-	1	-	-	-	-	1	1	-	1	-	4	1.4
C30-31	Nose, sinuses etc.	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.4
C32	Larynx	-	-	-	-	-	-	-	1	-	-	-	-	2	-	-	-	3	1.1
C33-34	Trachea, bronchus and lung	-	-	-	-	-	1	-	-	-	2	-	1	-	1	-	-	5	1.8
C37-38	Other thoracic organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	Bone	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	1	4	1.4
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other skin	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.4
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	Connective and soft tissue	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	0.4
C50	Breast	-	-	-	-	-	-	7	1	5	16	9	6	4	4	2	4	58	20.9
C51	Vulva	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	2	0.7
C52	Vagina	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C53	Cervix uteri	-	-	-	-	-	-	-	1	5	6	4	7	5	4	1	2	35	12.6
C54	Corpus uteri	-	-	-	-	-	-	-	1	1	-	1	2	2	-	1	-	8	2.9
C55	Uterus unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C56	Ovary	-	-	2	-	-	-	-	-	2	3	5	2	3	1	1	2	21	7.6
C57	Other female genital organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	0.4
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.4
C70-72	Brain, nervous system	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	2	0.7
C73	Thyroid	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	2	0.7
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkin disease	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	0.4
C82-85,C96	Non-Hodgkin lymphoma	-	-	-	-	1	-	1	-	-	-	-	1	3	2	-	1	9	3.2
C88	Immunoproliferative diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple myeloma	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	2	0.7
C91	Lymphoid leukaemia	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.4
C92-94	Myeloid leukaemia	-	-	-	-	-	-	-	1	2	-	2	-	1	1	-	-	7	2.5
C95	Leukaemia unspecified	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	3	1.1
O&U*	Other and unspecified	-	-	-	-	1	-	1	1	2	4	2	2	10	4	2	1	30	10.8
All sites		-	1	3	1	3	4	13	12	23	39	33	30	42	35	17	21	277	100

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

**Table 39: Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) and Truncated (35- 64yrs) (TR)
Incidence Rate per 100,000 population: 2016: Males Mansa District**

ICD (10th)	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TR
C00	-	-	-	-	-	-	-	-	-	-	-	-	5.6	-	-	-	0.2	0.2	0.7
C01-02	-	-	-	-	-	-	-	6.9	7.1	3.9	10.4	7.4	11.1	12.2	10.1	9.4	3.2	3.1	7.5
C03-06	-	-	-	-	-	-	-	-	7.1	3.9	20.8	7.4	11.1	12.2	10.1	-	3.0	3.0	7.9
C07-08	-	-	-	-	-	-	-	-	-	3.9	-	-	-	-	10.1	-	0.5	0.4	0.8
C09	-	-	-	-	-	-	-	-	3.5	-	5.2	-	5.6	-	-	-	0.7	0.7	2.2
C10	-	-	-	-	-	-	-	-	-	-	5.2	-	-	-	-	-	0.2	0.3	0.8
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	-	-	-	-	-	-	-	-	-	-	10.4	-	-	-	-	-	0.5	0.5	1.7
C14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	-	-	-	-	-	-	-	3.4	3.5	7.8	20.8	44.3	39.0	12.2	20.2	18.8	6.2	6.4	17.0
C16	-	-	-	-	-	-	-	3.4	-	-	-	7.4	-	-	-	9.4	0.7	0.7	1.6
C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	-	-	-	-	-	-	-	-	-	-	10.4	-	5.6	6.1	-	9.4	1.2	1.1	2.4
C19-20	-	-	-	-	-	-	3.3	-	-	3.9	10.4	-	5.6	-	-	-	1.2	1.2	3.2
C21	-	-	-	-	-	-	-	3.4	-	-	-	7.4	-	-	-	-	0.5	0.5	1.6
C22	-	-	-	-	-	-	-	-	-	3.9	31.2	14.8	27.9	-	-	9.4	3.5	3.7	11.3
C23-24	-	-	-	-	-	-	-	-	-	-	-	22.2	16.7	6.1	-	-	1.6	1.7	5.0
C25	-	-	-	-	-	-	-	-	-	3.9	5.2	-	5.6	6.1	-	9.4	1.2	1.1	2.3
C30-31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4	0.2	0.2	-
C32	-	-	-	-	-	-	-	-	-	-	10.4	22.2	11.1	6.1	-	-	1.8	2.0	6.0
C33-34	-	-	-	-	-	2.8	-	-	3.5	-	5.2	7.4	11.1	12.2	10.1	-	2.1	2.0	3.9
C37-38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4	0.2	0.2	-
C40-41	-	-	2.5	-	-	-	-	-	3.5	-	-	7.4	-	-	-	-	0.7	0.7	1.6
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	-	-	-	-	5.2	-	-	6.1	-	-	0.5	0.4	0.8
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	-	-	-	-	-	8.5	-	-	-	-	-	-	5.6	-	-	-	0.9	0.9	0.7
C50	-	-	-	-	-	-	-	-	-	-	5.2	-	-	-	-	9.4	0.5	0.4	0.8
C60	-	-	-	-	-	-	-	-	-	3.9	5.2	-	11.1	6.1	-	18.8	1.6	1.5	3.0
C61	-	-	-	-	-	-	-	-	-	-	10.4	7.4	16.7	-	30.4	46.9	3.2	3.0	4.8
C62	-	-	-	-	-	-	-	-	-	-	5.2	-	-	-	-	-	0.2	0.3	0.8
C63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	-	-	-	-	-	-	-	-	-	-	5.2	14.8	5.6	-	-	9.4	1.2	1.3	3.5
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	-	-	7.4	5.6	18.2	40.5	-	2.1	1.9	1.7
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.4	-
C70-72	-	-	-	-	2.3	2.8	-	3.4	-	7.8	10.4	-	-	-	-	-	1.6	1.6	3.9
C73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	-	-	2.5	2.0	-	-	-	-	-	-	-	-	-	-	-	-	0.5	0.4	-
C82-85,C96	-	-	-	-	2.3	-	-	-	7.1	3.9	5.2	7.4	-	-	10.1	-	1.6	1.6	3.9
C88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	-	-	-	-	-	-	-	-	-	3.9	5.2	7.4	-	-	-	-	0.7	0.8	2.5
C91	3.4	-	-	4.0	-	-	3.3	-	3.5	-	-	7.4	5.6	-	10.1	9.4	2.1	2.1	2.4
C92-94	-	-	-	-	-	2.8	6.5	-	7.1	3.9	-	7.4	-	18.2	10.1	9.4	2.8	2.5	3.1
C95	-	-	-	4.0	-	-	-	-	-	-	-	-	-	6.1	-	-	0.7	0.5	-
O&U*	-	-	2.5	-	-	-	-	-	7.1	11.7	5.2	22.2	44.6	12.2	81.0	9.4	6.7	6.5	13.1
All sites	6.7	-	7.4	10.0	4.5	17.0	13.0	20.7	52.9	66.5	208.0	228.9	250.9	139.9	242.9	197.2	56.3	55.9	122.6

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

Table 40: Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) and Truncated (35- 64yrs) (TR) Incidence Rate per 100,000 population: 2016: Females Mansa District

ICD (10th)	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TR
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	-	-	-	-	-	-	-	-	-	4.4	-	-	-	-	12.2	-	0.5	0.5	0.8
C03-06	-	-	-	-	-	-	-	-	-	-	-	-	-	7.6	-	-	0.3	0.2	-
C07-08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.5	0.3	0.2	-
C09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	-	-	-	-	-	-	-	3.5	-	-	-	7.2	4.6	7.6	-	-	1.0	0.9	2.2
C14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	-	-	-	-	-	3.1	-	3.5	14.9	17.5	30.1	14.4	22.8	60.5	36.5	42.3	9.9	8.8	16.6
C16	-	-	-	-	-	-	-	-	-	-	-	7.2	-	7.6	-	8.5	0.8	0.7	0.9
C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	-	-	-	-	-	-	-	-	-	-	6.0	-	9.1	-	-	-	0.8	0.7	2.1
C19-20	-	-	-	-	-	-	3.4	-	-	-	6.0	-	-	-	-	-	0.5	0.5	1.0
C21	-	-	-	-	-	-	-	3.5	-	-	-	-	-	-	-	-	0.3	0.2	0.7
C22	-	-	-	-	-	-	-	-	-	4.4	-	-	-	-	12.2	8.5	0.8	0.7	0.8
C23-24	-	-	-	2.7	-	-	-	-	-	-	12.0	-	9.1	52.9	36.5	16.9	4.4	3.9	3.1
C25	-	-	-	-	-	-	3.4	-	-	-	-	7.2	4.6	-	12.2	-	1.0	0.9	1.5
C30-31	-	-	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	0.3	-
C32	-	-	-	-	-	-	-	3.5	-	-	-	-	9.1	-	-	-	0.8	0.6	1.9
C33-34	-	-	-	-	-	3.1	-	-	-	8.7	-	7.2	-	7.6	-	-	1.3	1.3	2.6
C37-38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	-	-	-	-	-	-	-	3.5	3.7	-	-	7.2	-	-	-	8.5	1.0	0.9	2.3
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-	0.3	0.3	0.9
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	-	-	-	-	-	-	-	-	3.7	-	-	-	-	-	-	-	0.3	0.2	0.7
C50	-	-	-	-	-	-	24.0	3.5	18.6	7-	54.1	43.3	18.2	30.2	24.3	33.8	15.1	14.2	34.5
C51	-	-	-	-	-	-	-	-	-	-	-	7.2	-	-	12.2	-	0.5	0.5	0.9
C52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C53	-	-	-	-	-	-	-	3.5	18.6	26.2	24.1	50.5	22.8	30.2	12.2	16.9	9.1	8.5	22.7
C54	-	-	-	-	-	-	-	3.5	3.7	-	6.0	14.4	9.1	-	12.2	-	2.1	1.9	5.4
C55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C56	-	-	6.6	-	-	-	-	-	7.4	13.1	30.1	14.4	13.7	7.6	12.2	16.9	5.5	5.3	12.5
C57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	-	-	-	-	-	-	3.4	-	-	-	-	-	-	-	-	-	0.3	0.2	-
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	0.4	-
C70-72	-	-	-	-	2.6	-	-	-	-	-	-	7.2	-	-	-	-	0.5	0.5	0.9
C73	-	-	-	-	-	-	-	3.5	-	-	6.0	-	-	-	-	-	0.5	0.5	1.7
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	-	-	-	-	-	-	3.4	-	-	-	-	-	-	-	-	-	0.3	0.2	-
C82-85,C96	-	-	-	-	2.6	-	3.4	-	-	-	-	7.2	13.7	15.1	-	8.5	2.3	1.9	2.7
C88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	-	-	-	-	-	-	-	-	-	4.4	-	-	4.6	-	-	-	0.5	0.4	1.4
C91	-	-	-	-	-	-	-	-	-	4.4	-	-	-	-	-	-	0.3	0.3	0.8
C92-94	-	-	-	-	-	-	-	3.5	7.4	-	12.0	-	4.6	7.6	-	-	1.8	1.7	4.7
C95	-	-	-	-	-	6.2	-	3.5	-	-	-	-	-	-	-	-	0.8	0.7	0.7
O&U*	-	-	-	-	2.6	-	3.4	3.5	7.4	17.5	12.0	14.4	45.5	30.2	24.3	8.5	7.8	6.7	15.2
All sites	-	3.8	10.0	2.7	7.8	12.3	44.6	42.5	85.6	170.6	198.5	216.5	191.2	264.7	206.8	177.7	72.2	65.6	142.4

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

Table 41: Number of Cancer Deaths by Five Year Age Group and Site (ICD 10): 2016: Males
Mansa District
% = Relative Proportion of Cancers of All Sites

ICD (10th)	SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Total	(%)
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	-	-	-	1	2	1	2	-	2	3	1	1	13	7.2
C03-06	Mouth	-	-	-	-	-	-	-	-	-	1	-	1	3	1	-	-	6	3.3
C07-08	Salivary glands	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	2	1.1
C10	Other oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	2	1.1
C14	Pharynx unspecified	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	0.6
C15	Oesophagus	-	-	-	-	-	-	-	-	1	2	1	3	7	1	1	5	21	11.6
C16	Stomach	-	-	-	-	-	-	-	1	1	-	-	-	-	1	-	1	4	2.2
C17	Small intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C19-20	Rectum	-	-	-	-	-	-	-	-	-	2	-	-	-	-	1	-	3	1.7
C21	Anus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C22	Liver	-	-	-	-	-	-	-	-	-	-	3	2	3	-	-	1	9	5
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	-	-	-	-	2	4	2	1	-	9	5
C25	Pancreas	-	-	-	-	-	-	-	-	-	-	2	-	1	2	-	1	6	3.3
C30-31	Nose, sinuses etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.6
C32	Larynx	-	-	-	-	-	-	-	-	-	-	1	2	1	1	1	1	7	3.9
C33-34	Trachea, bronchus and lung	-	-	-	-	-	2	-	-	-	1	1	2	2	2	1	-	11	6.1
C37-38	Other thoracic organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.6
C40-41	Bone	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	2	1.1
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other skin	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	2	1.1
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	Connective and soft tissue	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	2	1.1
C50	Breast	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C60	Penis	-	-	-	-	-	-	-	1	-	-	-	-	2	-	-	-	3	1.7
C61	Prostate	-	-	-	-	-	-	-	-	-	-	-	1	-	2	2	3	8	4.4
C62	Testis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C63	Other male genital organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	2	1.1
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	-	1	2	2	-	1	2	8	4.4
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	Brain, nervous system	-	1	-	-	1	1	1	1	1	1	1	1	1	-	-	1	11	6.1
C73	Thyroid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkin disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C82-85,C96	Non-Hodgkin lymphoma	-	-	-	-	1	-	-	1	-	1	1	1	-	-	1	-	6	3.3
C88	Immunoproliferative diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple myeloma	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	2	1.1
C91	Lymphoid leukaemia	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	4	2.2
C92-94	Myeloid leukaemia	-	-	-	-	-	-	1	-	1	-	-	1	1	1	1	-	6	3.3
C95	Leukaemia unspecified	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	0.6
O&U*	Other and unspecified	-	-	-	-	-	-	-	2	2	4	-	5	9	3	2	1	28	15.5
All sites		1	2	1	2	3	5	2	7	8	13	14	28	41	20	14	20	181	100

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

Table 42: Number of Cancer Deaths by Five Year Age Group and Site (ICD 10): 2016: Females
Mansa District

% = Relative Proportion of Cancers of All Sites

ICD (10th)	SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Total	(%)
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.5
C03-06	Mouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C07-08	Salivary glands	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	Other oropharynx	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	2	1.1
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	2	1.1
C14	Pharynx unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	-	-	-	-	-	-	-	-	1	2	-	3	5	5	6	2	24	13.1
C16	Stomach	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	3	1.6
C17	Small intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	3	1.6
C19-20	Rectum	-	-	-	-	1	-	-	-	-	-	1	1	1	-	-	1	5	2.7
C21	Anus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.5
C22	Liver	-	-	-	-	-	-	-	-	-	1	-	2	1	-	1	-	5	2.7
C23-24	Gallbladder etc.	-	-	-	1	-	-	-	-	1	-	3	1	1	5	2	1	15	8.2
C25	Pancreas	-	-	-	-	-	-	1	-	-	-	1	-	3	1	1	-	7	3.8
C30-31	Nose, sinuses etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	Larynx	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.5
C33-34	Trachea, bronchus and lung	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	3	1.6
C37-38	Other thoracic organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	Bone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.5
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.5
C44	Other skin	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	2	1.1
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	Connective and soft tissue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C50	Breast	-	-	-	-	2	-	-	1	8	2	2	2	5	3	1	3	29	15.8
C51	Vulva	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	1.1
C52	Vagina	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C53	Cervix uteri	-	-	-	-	-	-	1	2	5	1	4	5	2	2	2	2	26	14.2
C54	Corpus uteri	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C55	Uterus unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C56	Ovary	-	-	-	-	-	-	-	1	-	1	1	3	2	-	1	3	12	6.6
C57	Other female genital organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.5
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.5
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	Brain, nervous system	-	-	-	-	1	-	-	-	1	-	-	1	-	-	-	-	3	1.6
C73	Thyroid	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.5
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkin disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C82-85,C96	Non-Hodgkin lymphoma	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	3	1.6
C88	Immunoproliferative diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple myeloma	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.5
C91	Lymphoid leukaemia	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	2	1.1
C92-94	Myeloid leukaemia	-	-	-	-	-	-	-	-	1	-	1	-	-	2	-	1	5	2.7
C95	Leukaemia unspecified	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	0.5
O&U*	Other and unspecified	-	-	-	-	1	-	-	1	1	3	1	1	8	2	2	-	20	10.9
All sites		1	-	-	1	6	-	2	6	18	14	16	23	39	24	18	15	183	100

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

**Table 43: Average Annual Age Specific, Crude (CR), Age-Adjusted (AAR) and Truncated (35- 64yrs) (TR)
Mortality Rate per 100,000 population: 2016: Males Mansa District**

ICD (10th)	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TR
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	-	-	-	-	-	-	-	3.4	7.1	3.9	10.4	-	11.1	18.2	10.1	9.4	3.0	2.8	5.9
C03-06	-	-	-	-	-	-	-	-	-	3.9	-	7.4	16.7	6.1	-	-	1.4	1.4	3.9
C07-08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C09	-	-	-	-	-	-	-	-	-	-	-	14.8	-	-	-	-	0.5	0.6	1.9
C10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	-	-	-	-	-	-	-	-	-	-	5.2	-	-	-	10.1	-	0.5	0.5	0.8
C14	-	-	-	-	-	2.8	-	-	-	-	-	-	-	-	-	-	0.2	0.2	-
C15	-	-	-	-	-	-	-	-	3.5	7.8	5.2	22.2	39.0	6.1	10.1	46.9	4.8	4.7	10.9
C16	-	-	-	-	-	-	-	3.4	3.5	-	-	-	-	6.1	-	9.4	0.9	0.8	1.4
C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C19-20	-	-	-	-	-	-	-	-	-	7.8	-	-	-	-	10.1	-	0.7	0.7	1.5
C21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C22	-	-	-	-	-	-	-	-	-	-	15.6	14.8	16.7	-	-	9.4	2.1	2.2	6.6
C23-24	-	-	-	-	-	-	-	-	-	-	-	14.8	22.3	12.2	10.1	-	2.1	2.1	4.8
C25	-	-	-	-	-	-	-	-	-	-	10.4	-	5.6	12.2	-	9.4	1.4	1.3	2.4
C30-31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4	0.2	0.2	-
C32	-	-	-	-	-	-	-	-	-	-	5.2	14.8	5.6	6.1	10.1	9.4	1.6	1.6	3.5
C33-34	-	-	-	-	-	5.7	-	-	-	3.9	5.2	14.8	11.1	12.2	10.1	-	2.5	2.6	4.9
C37-38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.4	0.2	0.2	-
C40-41	-	-	-	-	2.3	-	-	-	-	-	-	7.4	-	-	-	-	0.5	0.5	1.0
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	-	-	-	-	-	-	5.6	6.1	-	-	0.5	0.4	0.7
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	-	-	-	-	-	2.8	-	-	-	-	-	-	5.6	-	-	-	0.5	0.4	0.7
C50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C60	-	-	-	-	-	-	-	3.4	-	-	-	-	11.1	-	-	-	0.7	0.7	2.1
C61	-	-	-	-	-	-	-	-	-	-	-	7.4	-	12.2	20.2	28.2	1.8	1.6	1.0
C62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	-	-	-	-	-	-	-	-	-	-	-	7.4	-	-	-	9.4	0.5	0.5	1.0
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	-	5.2	14.8	11.1	-	10.1	18.8	1.8	1.9	4.2
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	-	3.1	-	-	2.3	2.8	3.3	3.4	3.5	3.9	5.2	7.4	5.6	-	-	9.4	2.5	2.5	4.6
C73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C82-85,C96	-	-	-	-	2.3	-	-	3.4	-	3.9	5.2	7.4	-	-	10.1	-	1.4	1.4	3.2
C88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	-	-	-	-	-	-	-	-	-	-	-	7.4	5.6	-	-	-	0.5	0.5	1.7
C91	3.4	3.1	2.5	2.0	-	-	-	-	-	-	-	-	-	-	-	-	0.9	1.1	-
C92-94	-	-	-	-	-	-	3.3	-	3.5	-	-	7.4	5.6	6.1	10.1	-	1.4	1.3	2.4
C95	-	-	-	2.0	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.2	-
O&U*	-	-	-	-	-	-	-	6.9	7.1	15.7	-	36.9	50.2	18.2	20.2	9.4	6.5	6.4	17.0
All sites	3.4	6.2	2.5	4.0	6.8	14.1	6.5	24.1	28.2	50.9	72.8	206.8	228.6	121.7	141.7	187.8	41.8	41.2	87.9

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

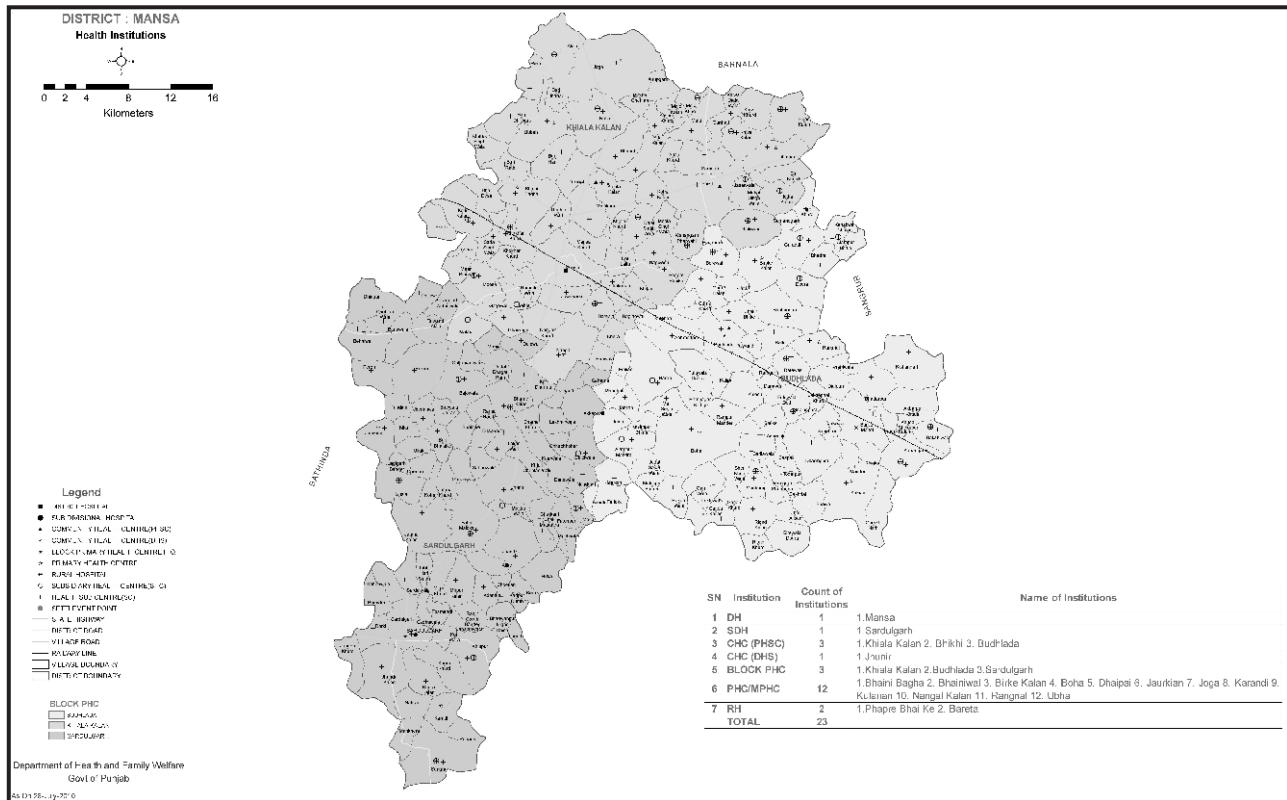
**Table 44: Average Annual Age Specific, Crude (CR), Age-Adjusted (AAR) and Truncated (35- 64yrs) (TR)
Mortality Rate per 100,000 population: 2016: Females Mansa District**

ICD (10th)	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TR
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	-	-	-	-	-	-	-	-	-	-	-	-	4.6	-	-	-	0.3	0.2	0.6
C03-06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C07-08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	-	-	-	-	-	-	-	-	-	4.4	-	-	4.6	-	-	-	0.5	0.4	1.4
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	-	-	-	-	-	-	-	-	-	-	-	7.2	4.6	-	-	-	0.5	0.5	1.5
C14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	-	-	-	-	-	-	-	-	3.7	8.7	-	21.7	22.8	37.8	73.0	16.9	6.3	5.5	8.1
C16	-	-	-	-	-	-	-	-	-	-	-	7.2	4.6	7.6	-	-	0.8	0.7	1.5
C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	-	-	-	-	-	-	-	-	-	4.4	-	7.2	-	7.6	-	-	0.8	0.8	1.8
C19-20	-	-	-	-	2.6	-	-	-	-	-	6.0	7.2	4.6	-	-	8.5	1.3	1.1	2.5
C21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.2	-	0.3	0.2	-
C22	-	-	-	-	-	-	-	-	-	4.4	-	14.4	4.6	-	12.2	-	1.3	1.3	3.3
C23-24	-	-	-	2.7	-	-	-	-	3.7	-	18.0	7.2	4.6	37.8	24.3	8.5	3.9	3.6	5.2
C25	-	-	-	-	-	-	3.4	-	-	-	6.0	-	13.7	7.6	12.2	-	1.8	1.5	2.7
C30-31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	-	-	-	-	-	-	-	-	-	-	-	-	4.6	-	-	-	0.3	0.2	0.6
C33-34	-	-	-	-	-	-	-	-	-	4.4	-	-	4.6	7.6	-	-	0.8	0.7	1.4
C37-38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.5	0.3	0.2	-
C43	-	-	-	-	-	-	-	-	-	-	6.0	-	-	-	-	-	0.3	0.3	1.0
C44	-	-	-	-	-	-	-	-	-	-	-	7.2	-	-	-	8.5	0.5	0.5	0.9
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C50	-	-	-	-	5.2	-	-	3.5	29.8	8.7	12.0	14.4	22.8	22.7	12.2	25.4	7.6	6.5	14.9
C51	-	-	-	-	-	-	-	-	-	-	-	-	4.6	-	12.2	-	0.5	0.4	0.6
C52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C53	-	-	-	-	-	-	3.4	7.1	18.6	4.4	24.1	36.1	9.1	15.1	24.3	16.9	6.8	6.3	15.5
C54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C56	-	-	-	-	-	-	-	3.5	-	4.4	6.0	21.7	9.1	-	12.2	25.4	3.1	2.8	6.5
C57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	0.5	-
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	-	-	-	4.6	-	-	-	0.3	0.2	0.6
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	-	-	-	-	2.6	-	-	-	3.7	-	-	7.2	-	-	-	-	0.8	0.7	1.7
C73	-	-	-	-	-	-	-	-	-	-	-	-	-	7.6	-	-	0.3	0.2	-
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C82-85,C96	-	-	-	-	-	-	-	-	-	-	-	-	13.7	-	-	-	0.8	0.5	1.8
C88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	-	-	-	-	-	-	-	-	-	-	6.0	-	-	-	-	-	0.3	0.3	1.0
C91	-	-	-	-	2.6	-	-	-	-	4.4	-	-	-	-	-	-	0.5	0.5	0.8
C92-94	-	-	-	-	-	-	-	-	3.7	-	6.0	-	-	15.1	-	8.5	1.3	1.1	1.7
C95	-	-	-	-	-	-	-	3.5	-	-	-	-	-	-	-	-	0.3	0.2	0.7
O&U*	-	-	-	-	2.6	-	-	3.5	3.7	13.1	6.0	7.2	36.4	15.1	24.3	-	5.2	4.4	10.5
All sites	3.8	-	-	2.7	15.7	-	6.9	21.2	67.0	61.2	96.3	166.0	177.5	181.5	219.0	126.9	47.7	42.2	88.8

* O & U includes the sites (ICD - 10: C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

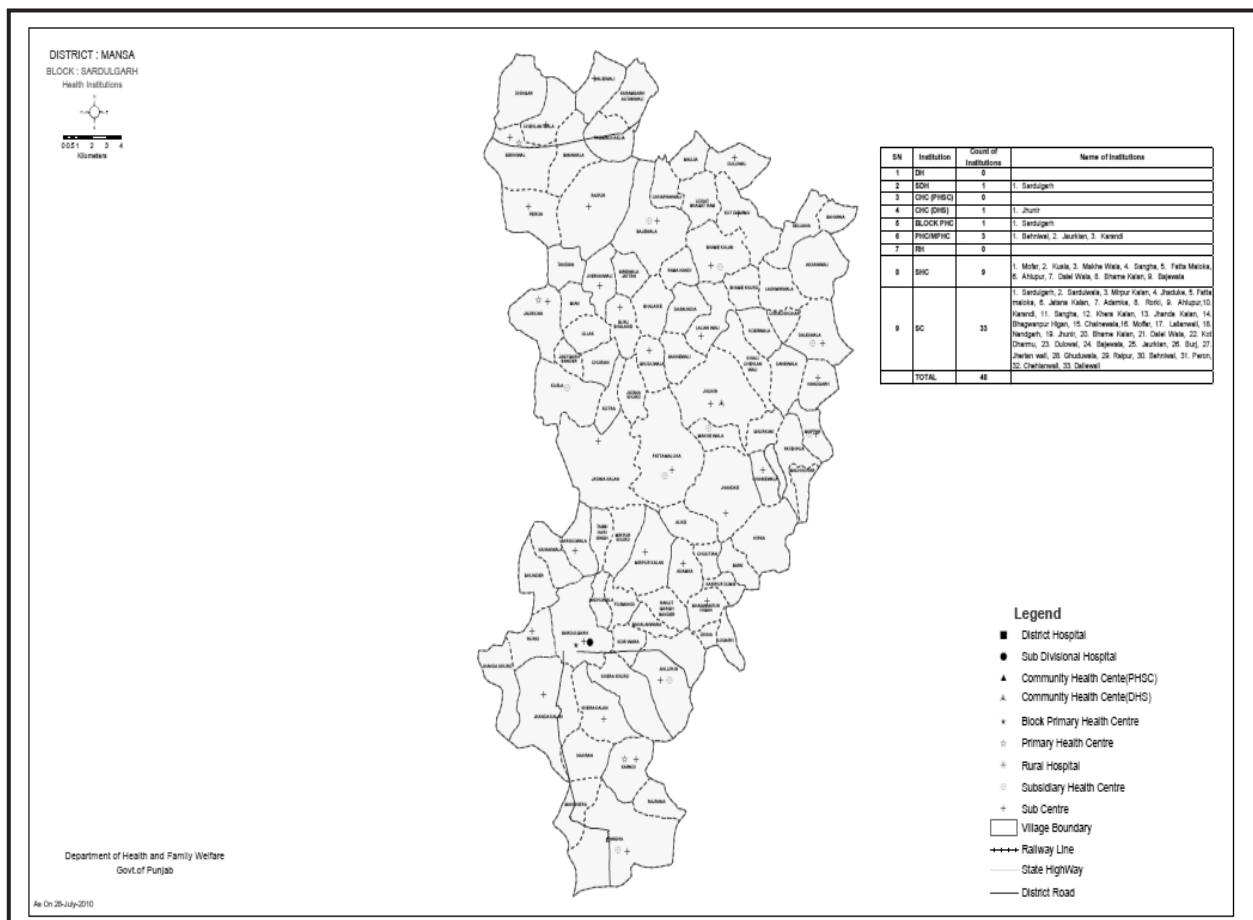
19. Village-wise Incidence and Mortality Cases

Village-wise Cancer Incidence Cases and Mortality Cases: Mansa District



Block	Incidence			Mortality		
	Male	Female	Total	Male	Female	Total
Sardulgarh	128	132	260	109	86	195
Budhlada	163	179	342	124	129	253
Khaila Kalan	188	236	424	141	125	266
Total	479	547	1026	374	340	714

Village-wise Cancer Incidence Cases and Mortality Cases: Sardulgarh, Mansa District

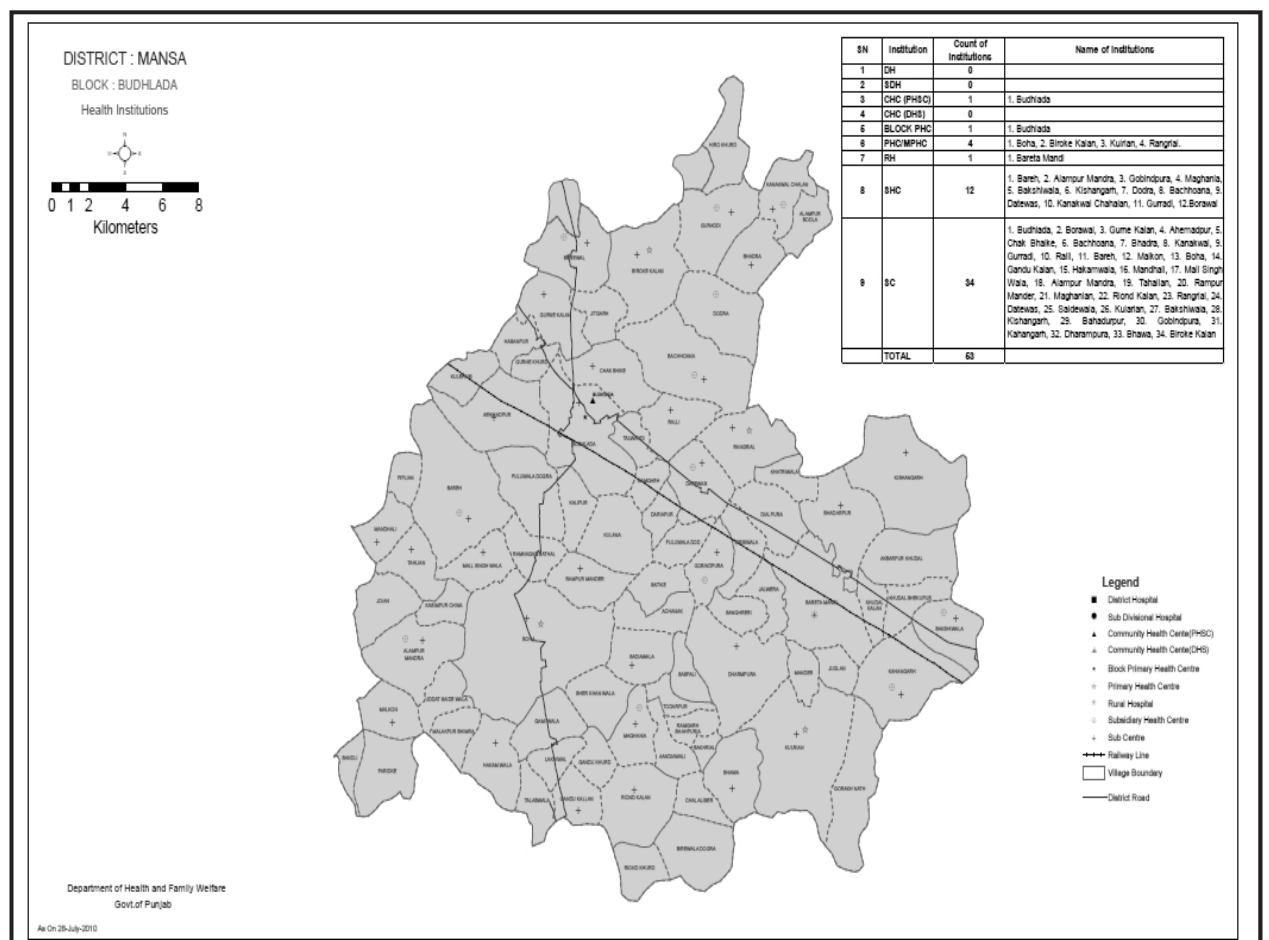


Village Name	Sardulgarh (2013-2014)		Sardulgarh (2015-2016)	
	Incidence	Mortality	Incidence	Mortality
Adamke	-	-	-	1
Ahlupur	1	1	10	2
Akkanwali	-	-	3	-
Ali Ke	1	1	1	1
Bajewala	6	6	2	4
Banawali	1	1	2	1
Behniwal	4	1	4	3
Bern	2	2	-	1
Bhagwanpur Hingna	-	-	1	-
Bhalai Ke	2	1	2	1
Bhallanwara	1	-	1	-
Bhamme Kalan	4	4	6	4
Bhamme Khurd	2	1	5	2
Bhunder	-	1	5	1
Bire Wala Jattan	2	2	2	1

Village Name	Sardulgarh (2013-2014)		Sardulgarh (2015-2016)	
	Incidence	Mortality	Incidence	Mortality
Burj Bhalai Ke	3	3	1	2
Chachohar	1	-	1	2
Chahlanwala	2	-	3	5
Chaine Wala	1	-	3	2
Chhapian Wali	1	1	1	-
Chotian	-	-	1	1
Chuhrian	-	-	3	1
Dalelwala	7	3	5	4
Dalie Wali	2	1	4	1
Dane Wala	2	2	3	1
Dasoundhia	-	1	4	1
Deluana	-	-	1	1
Dhingar	7	3	4	4
Dulowal	6	1	3	6
Fatehpur	1	1	4	4
Fatta Maluke	3	2	7	3
Ghurkani	3	-	1	2
Gudduwala	-	-	1	-
Hirke	5	2	2	3
Jagat Garh Bandran	1	1	1	-
Jatana Kalan	4	1	3	1
Jatana Khurd	-	-	1	-
Jhanda Kalan	1	1	7	3
Jhanda Khurd	5	1	4	4
Jhandu Ke	5	1	8	5
Jherianwali	-	-	1	1
Jhunir	6	6	14	12
Jourkian	3	4	3	1
Kahne Wala	5	2	-	3
Karamgarh Autanwali	3	1	2	3
Karandi	2	1	3	-
Karipur Dumb	1	1	1	-
Kauriwara	1	1	-	-
Khaira Kalan	2	2	5	2
Khaira Khurd	8	2	6	8
Khiali Chehlanwali	6	2	3	4
Kore Wala	2	2	4	3
Kot Dharmu	7	6	4	3
Kotra	-	-	2	1
Kusla	-	1	7	4
Lakhmirwala	2	1	2	1
Lallianwali	3	3	2	2
Lohar Khera	-	-	1	-

Village Name	Sardulgarh (2013-2014)		Sardulgarh (2015-2016)	
	Incidence	Mortality	Incidence	Mortality
Lohgarh	6	5	4	3
Makha	-	-	-	-
Makhe Wala	3	1	4	4
Man Khera	-	-	6	3
Mian	2	1	-	1
Mirpur Kalan	5	2	2	4
Mirpur Khurd	2	-	2	2
Moda	-	-	-	-
Moffar	2	-	1	-
Mojia	2	-	-	3
Nahran	3	-	-	1
Nandgarh	3	2	2	2
Peron	3	3	3	3
Phus Mandi	3	1	-	1
Raipur	4	3	7	4
Raj Rana	1	-	-	-
Rama Nandi	2	3	-	1
Ranjitgarh Bander	1	1	-	-
Rorki	3	2	-	1
Sadhuwala	-	-	1	-
Saharna	-	-	2	1
Sahniawali	2	-	1	2
Sangha	4	-	5	5
Sardulewala	4	1	3	4
Sardulgarh	13	2	26	18
Talwandi Akalia	3	2	1	1
Tandian	3	-	4	2
Tibbi Hari Singh	1	-	-	1
Uddat Bhagat Ram	1	2	4	2
Ullak	-	-	2	-
Total	213	112	260	195

Village-wise Cancer Incidence Cases and Mortality Cases: Budhlada, Mansa District

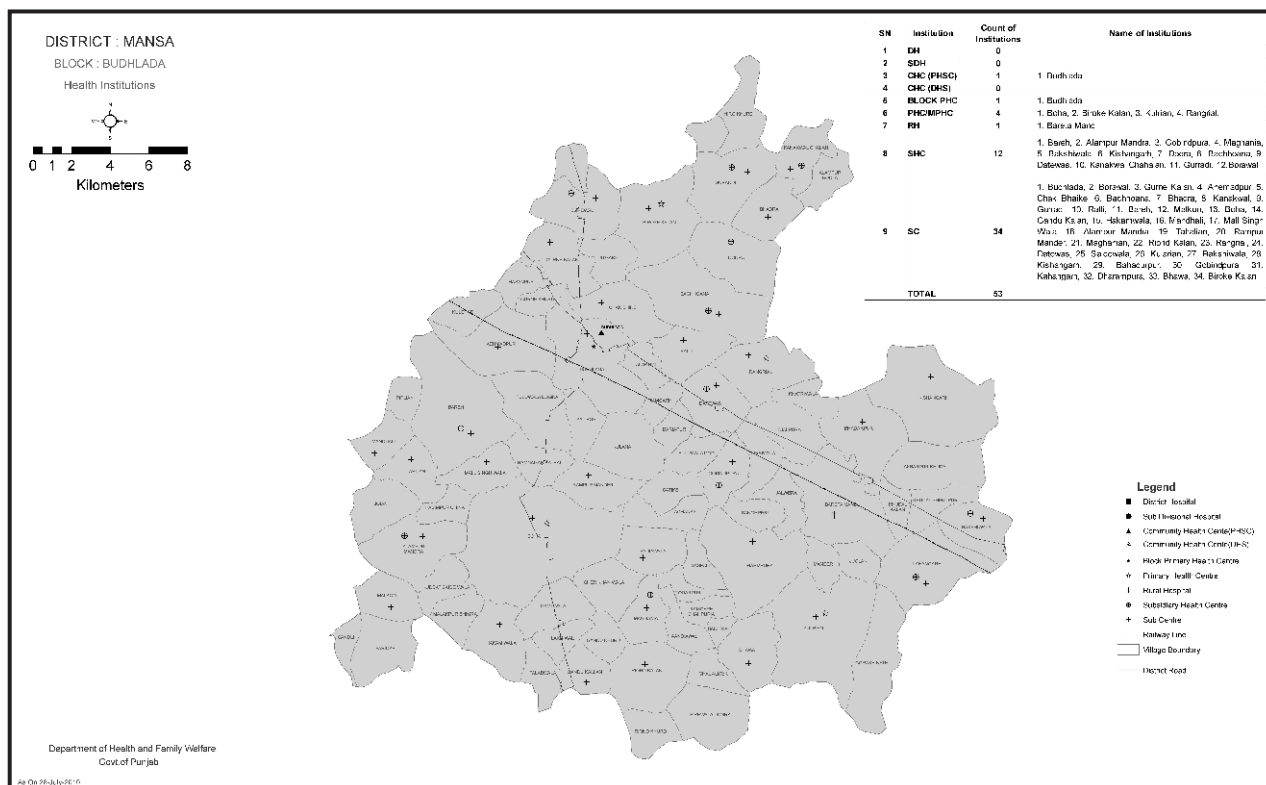


Village Name	Budhlada (2013-2014)		Budhlada (2015-2016)	
	Incidence	Mortality	Incidence	Mortality
Andian Wali	-	-	3	1
Achanak	2	-	1	1
Ahmedpur	6	2	7	4
Akbarpur Khudal	3	-	5	6
Alampur Bodla	3	1	2	2
Alampur Mandran	8	3	3	5
Bachhoana	6	1	13	12
Bahadarpur	9	7	12	11
Bakhshiwala	2	1	-	-
Bareh	3	3	12	8
Baretta	19	6	33	25
Bhadra	-	-	1	-
Bhakhrial	2	3	5	5
Bhawa	1	-	6	4
Birewala Dogra	3	2	1	1

Village Name	Budhlada (2013-2014)		Budhlada (2015-2016)	
	Incidence	Mortality	Incidence	Mortality
Biroke Kalan	1	-	2	3
Biroke Khurd	1	2	-	-
Boha	11	4	11	10
Borewal	6	3	8	5
Budhlada Pind	2	-	-	3
Budhlada	36	27	42	26
Chak Ali Sher	2	-	1	1
Chak Bhai Ke	4	1	5	2
Dariapur	2	2	1	1
Datewas	5	1	2	2
Dharampura	10	7	5	5
Dodra	5	3	6	3
Dyalpura	3	1	3	3
Farid Ke	2	-	-	-
Gami Wala	3	2	4	5
Gandhu Kalan	-	-	4	1
Gandhu Khurd	-	-	1	1
Gobindpura	1	1	3	2
Gorkhnath	1	1	1	-
Guraddi	8	6	6	5
Gurne Kalan	8	5	1	2
Gurne Khurd	-	-	4	1
Hakamwala	2	1	5	3
Hassanpur	-	-	1	1
Heron Khurd	4	4	3	-
Jalwehra	2	1	2	3
Joian	1	1	3	1
Juglan	-	-	2	1
Kahangarh	4	4	5	4
Kalipur	1	3	3	1
Kanakwal Chehlan	4	1	1	1
Kasimpur Chhina	2	1	-	-
Khatti Wala	3	2	3	3
Khiva Mihan Singh Wala	-	1	1	-
Khudal Kalan	1	2	1	-
Kishangarh	3	1	5	2
Kulana	3	1	6	3
Kulehri	7	3	5	4
Kulrian	16	16	12	10
Lakhiwal	1	1	1	-
Maghanian	-	-	1	-
Mal Singh Wala	2	-	3	2
Malakpur Bhimra	2	2	1	3
Malko	2	1	4	1

Village Name	Budhlada (2013-2014)		Budhlada (2015-2016)	
	Incidence	Mortality	Incidence	Mortality
Mander	-	2	8	4
Mandhali	4	2	4	3
Phulluwala Dod	2	2	-	-
Phulluwala Dogra	2	-	2	3
Piplian	1	1	1	-
Rali	7	3	5	8
Ramgarh	1	1	-	-
Ramgarh Shahpurian	1	2	3	-
Ramgarh Bhathal	4	1	5	5
Rampur Mander	4	-	4	4
Ranghrial	4	1	4	3
Reond Kalan	4	3	-	-
Reond Khurd	1	1	3	1
Saide Wala	2	2	6	4
Sandli	-	-	-	-
Sanghreri	1	1	1	-
Saspali	1	1	1	1
Sati Ke	1	-	3	1
Shekhupur Khudal	4	4	5	3
Sher Khan Wala	2	1	-	-
Sirsi Wala	-	-	-	1
Tahlial	2	1	3	2
Talib Wala	2	1	-	1
Toderpur	-	-	-	-
Uddat Saide Wala	3	2	2	-
Total	291	173	342	253

Village-wise cancer incidence cases and mortality cases: Khiala Kalan, Mansa District



Village Name	Khiala Kalan (2013-2014)		Khiala Kalan (2015-2016)	
	Incidence	Mortality	Incidence	Mortality
Aklia	7	1	14	7
Ali Sher Kalan	4	1	2	4
Ali Sher Khurd	-	-	1	-
Anoopgarh	1	1	1	-
Aspal	2	1	-	1
Atla Kalan	2	1	3	1
Atla Khurd	3	5	-	-
Bapiana	3	2	4	3
Barnala	2	1	3	1
Bhai Desa	1	1	3	-
Bhaini Bagha	10	5	8	9
Bhikhi	25	17	17	13
Bir Khurd	5	3	2	1
Bhupal	8	6	4	3
Burj Dhillwan	2	2	8	5

Village Name	Khiala Kalan (2013-2014)		Khiala Kalan (2015-2016)	
	Incidence	Mortality	Incidence	Mortality
Burj Hari	6	4	5	5
Burj Jhabbar	-	1	1	-
Burj Rathi	4	1	2	5
Chakerian	1	2	4	3
Dalel Singh Wala	2	1	8	6
Dhalewan	4	3	5	1
Gagowal	1	2	2	1
Gehle	2	1	2	1
Gharangna	4	2	3	2
Gurthari	2	-	3	3
Heron Kalan	7	3	6	4
Hire Wala	3	1	4	2
Hodla Kalan	3	1	3	4
Jawaharke	9	7	14	6
Joga	15	12	19	14
Kahllon	4	1	3	2
Khara	8	7	4	2
Kharak Singh Wala	6	1	2	2
Khiala Kalan	11	7	6	4
Khiala Khurd	-	2	-	-
Khillan	5	4	-	-
Khiva Dyalu	1	1	3	1
Khiva Kalan	4	2	12	1
Khiva Khurd	-	-	4	1
Khokhar Kalan	12	6	3	5
Khokhar Khurd	3	4	2	-
Kishangarh Urf Pharwahi	4	3	6	4
Kot Lallu	3	1	5	1
Kotli Kalan	8	1	7	6
Kotra Kalan	6	4	6	2
Maan Bibrian	2	3	2	-
Makha Chehlan	7	6	3	2
Malakpur	2	2	4	1
Mansa	74	32	102	59
Mansa Khurd	2	1	2	2
Maojo kalan	2	-	-	1
Maojo Khurd	-	-	3	3
Matti	1	2	4	3
Mohar Singh Wala	3	2	2	2
Moola Singh Wala	2	2	2	-
Moosa	4	1	8	6
Nangal Kalan	15	7	8	10
Nangal Khurd	4	-	4	3
Narinder Pura	-	-	4	3

Village Name	Khiala Kalan (2013-2014)		Khiala Kalan (2015-2016)	
	Incidence	Mortality	Incidence	Mortality
Phaphre Bhai Ke	4	3	4	1
Ralla	6	3	11	5
Ramditta Wala	2	-	2	2
Rar	3	2	5	1
Sadda Singh Wala	4	2	6	3
Samaon	7	4	8	4
Tamkot	6	5	4	5
Thuthianwali	-	3	5	3
Ubha	2	3	6	4
Mansa Kanchiyan	-	-	3	1
Dhaipi	2	1	3	3
Makha	3	2	4	3
Jassarwal	-	-	1	-
Total	370	218	424	266

20. References

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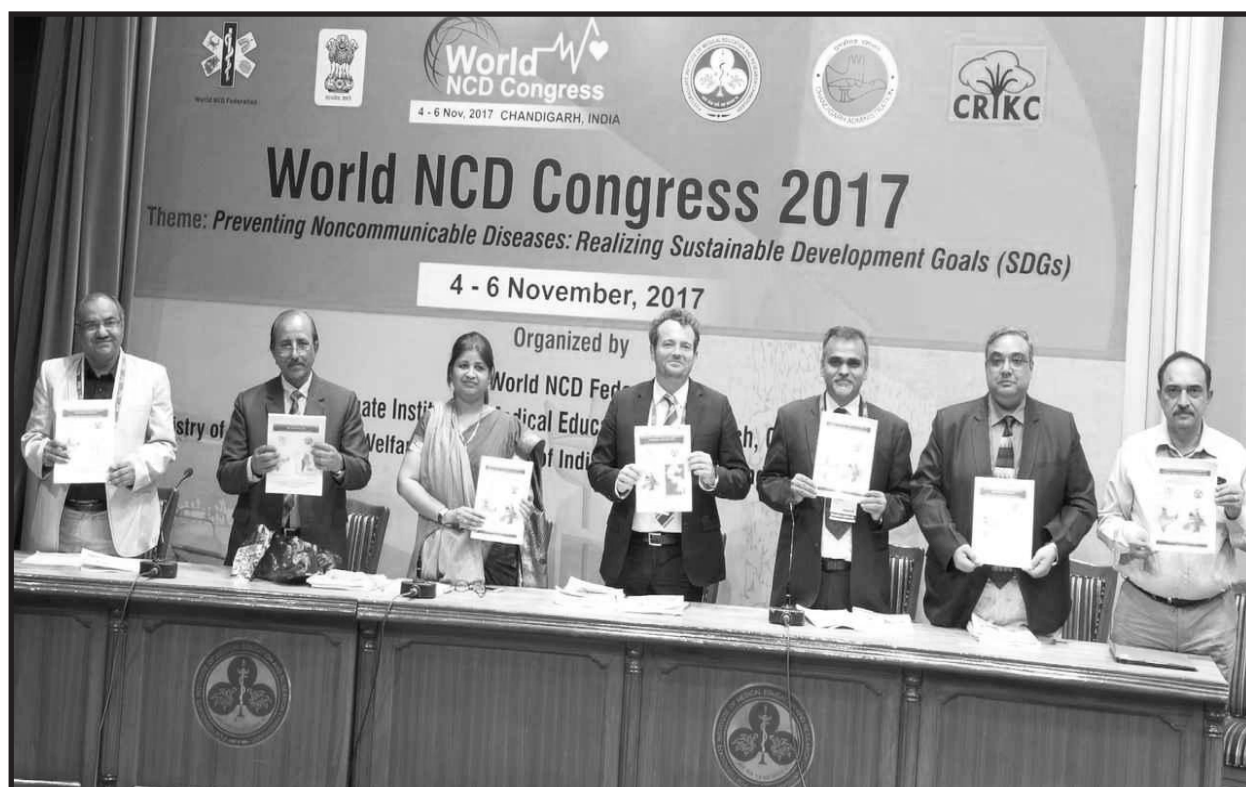
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Annexure

Release of second-year report of the Sangrur Population-Based Cancer Registry

Dr. G Dewan, Director of Health Services Chandigarh; Mrs. Anjali Bhawara, Principal Secretary Health and Family Welfare Punjab; Prof Jagat Ram, PGI Director; Dr. Prasanth Mathur, ICMR Director; Dr. Freddie Bray, Head section of cancer surveillance, IARC; Dr. Rajesh Dikshit, Director CCE-TMC; Prof JS Thakur, PGIMER and Dr. Atul Budukh, Professor, CCE-TMC along with other dignitaries released the reports of Chandigarh and Punjab concurrently during World NCD Congress held at PGIMER on 4th to 6th November, 2017. The message from the second year report is that all site cancer incidence rates are in comparison with other parts of India.



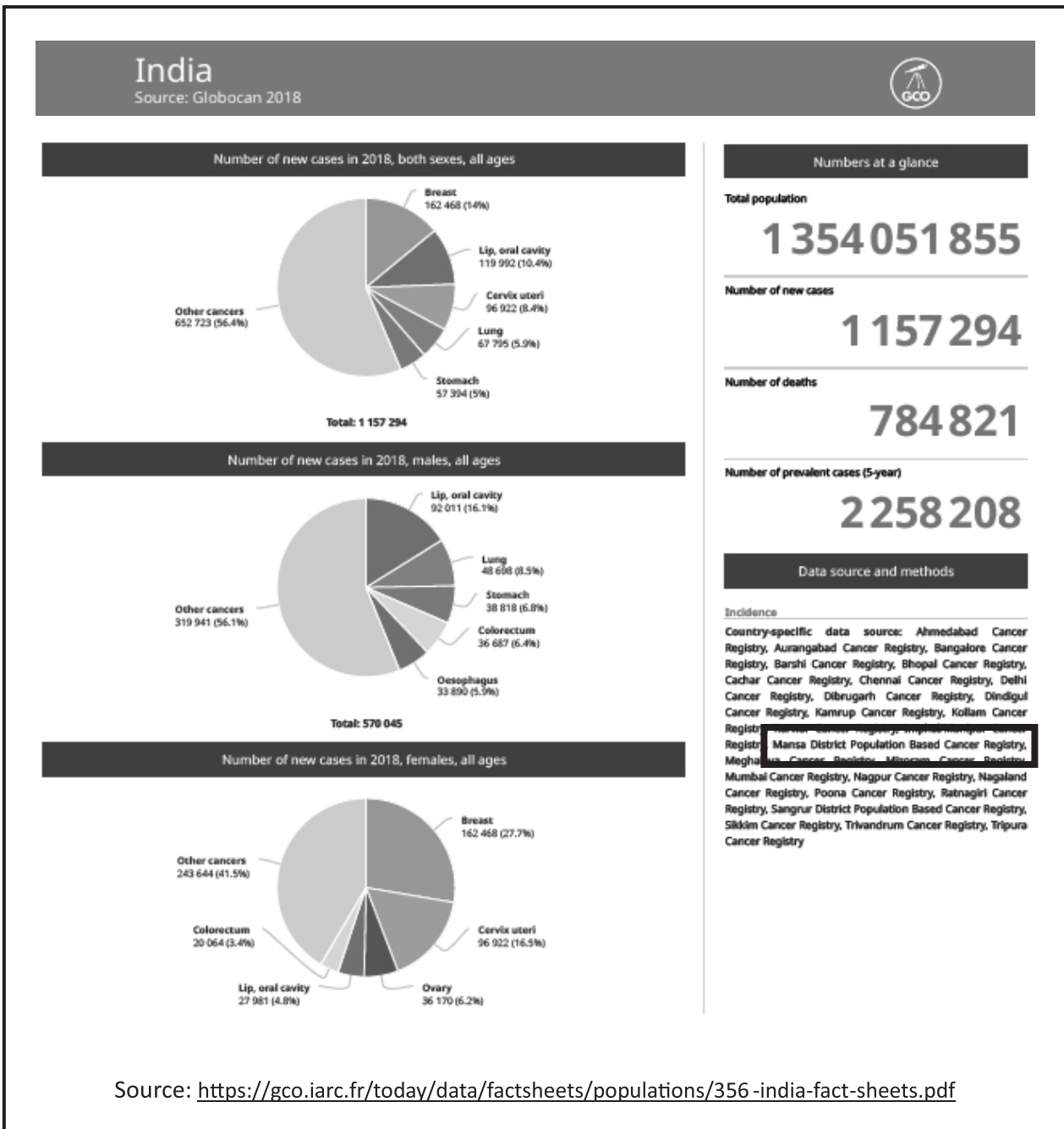
Special Activities of the Cancer Registry

School of Public Health, PGIMER Chandigarh and TMC Mumbai jointly organized “National CME on Cancer Registries for Cancer Control” in collaboration with World NCD Federation on 23rd January 2019 at PGIMER, Chandigarh. The key objective of the National CME was to focus on the role of cancer registries for cancer control, screening, diagnosis and management of common cancers in India. It was attended by approximately 250 participants. Sessions on types of cancer registries, early detection and cancer screening of Head and Neck, Blood and Breast Cancer were given by various resource members. Panel discussion on Strengthening Cancer Registration for Cancer Control in India was also organised followed by Public Forum for cancer survivors and the general public.



Achievement

Mansa cancer registry data has been utilized by Globocan 2018 to estimate the cancer rates in India.



Publications

1. Chandigarh Population Based Cancer Registry Report: 2013 – Tata Memorial Centre, Mumbai and Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh
2. SAS Nagar Population-Based Cancer Registry Report: 2013 – Tata Memorial Centre, Mumbai and Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh
3. Sangrur Population-Based Cancer Registry Report: 2013 – Tata Memorial Centre, Mumbai and Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh.
4. Mansa Population-Based Cancer Registry Report: 2013 – Tata Memorial Centre, Mumbai and Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh.
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7. Sangrur Population-Based Cancer Registry Report: 2014 – Tata Memorial Centre, Mumbai and Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh.
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“Cancer is curable if detected early.”