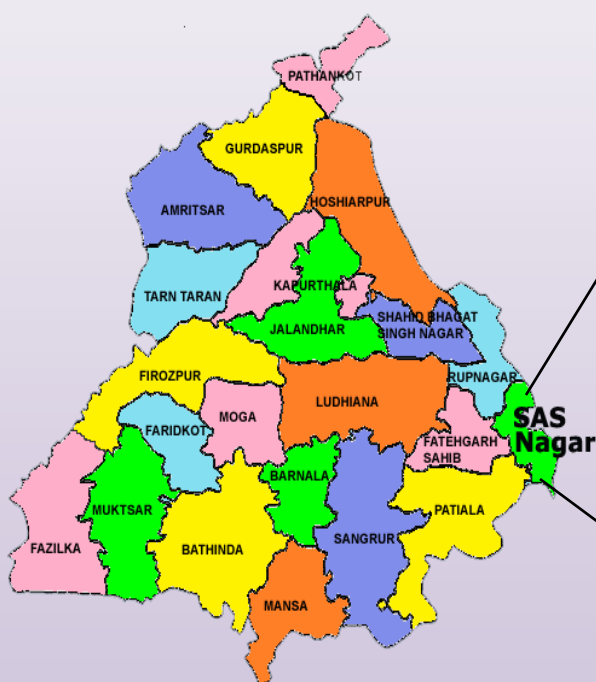
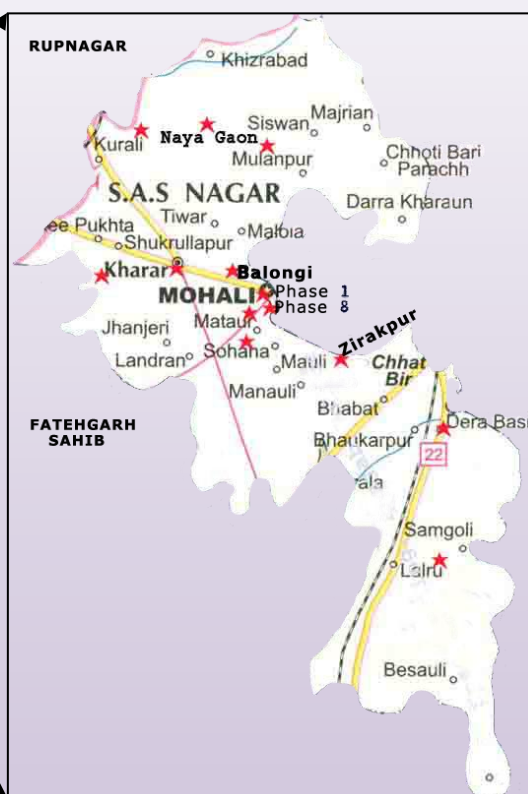


Cancer Incidence and Mortality in SAS Nagar District Punjab State, North India: 2014

Second Year Report of the Population-Based Cancer Registry



Punjab State, India

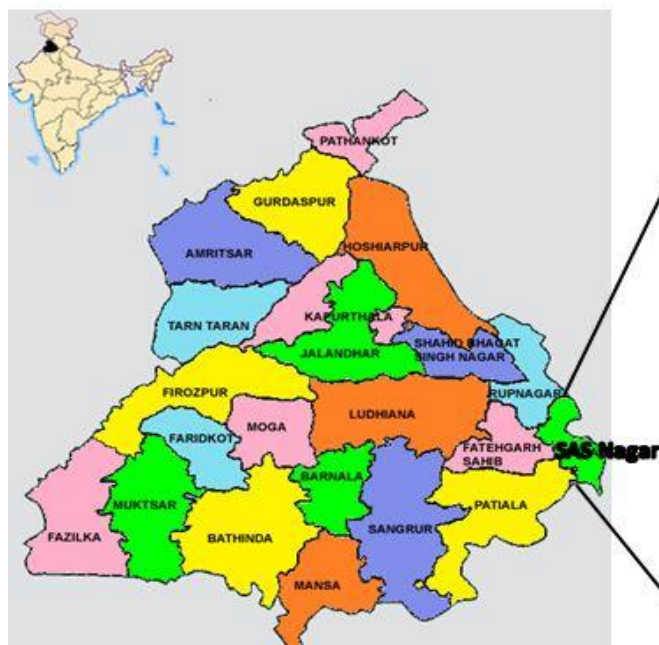


SAS Nagar District, Punjab State

Post Graduate Institute of Medical Education and Research, Chandigarh, India
Tata Memorial Centre, Mumbai, India
Department of Health and Family Welfare, Government of Punjab, India

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Post Graduate Institute of Medical Education and Research, Chandigarh, India
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Department of Health and Family Welfare, Government of Punjab, India

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Executive Summary

Background

Tata Memorial Centre (TMC) Mumbai and Post Graduate Institute of Medical Education and Research, Chandigarh (PGIMER) and Ministry of Health and Family Welfare, Government of Punjab has started the population based cancer registry in Sahibzada Ajit Singh Nagar (SAS Nagar) District on 1st January, 2013. The registry is located in Department of Community Medicine, School of Public Health, PGIMER, Sector-12, Chandigarh. The objectives of the cancer registry are to measure the cancer burden in terms of incidence and mortality and to know the pattern of cancers in the district. The cancer registry data will be useful in planning the cancer control activities and to strengthen the cancer care services in this area.

Population covered

The cancer registry covers all three tehsils of the district – Sahibzada Ajit Singh Nagar, Derabassi, Kharar covering population of 9, 94,628. SAS Nagar district is a conglomeration of urban and rural area, approximately 55% of population resides in urban area and the remaining in rural area. The registry covers both urban and rural area (419 villages) of the district. The estimated population of 2014 is 11,19,087.

Registration method

Trained social worker of the registry regularly visits different hospitals, pathology laboratories, medical colleges, cancer centers, birth and death registrar offices, cremation ground to collect the cancer incidence and death cases. After collection from primary sources, the field staffs reconfirm the details of the patients by telephonic conversation and also make plans for home visit if telephonic conversation is not successful. To identify the cancer cases from rural areas, the social worker interacts with village Sarpanch, ANMs, Accredited Social Health Activists (ASHAs), primary health centre staffs periodically to get to know the cancer cases diagnosed in the area as well as cancer deaths occurred in the village. With the help of ASHAs, the registry staffs interview the patient/patients' relatives and obtains necessary information from them. This information is further confirmed at the treating hospital. After residence confirmation (residence of the district for at least one year), checking for duplication is done and duplicate cases are removed. The data entry is carried out in CanReg5 software.

Release of the First Year Report of the SAS Nagar Cancer Registry

The first-year report (2013) of the cancer registry was published on March 8, 2016. The report was released on March 8, 2016 at Bhargva auditorium, PGIMER Chandigarh. The occasion was graced by Dr. KK. Talwar, Prof Raj Bhaddur – Vice Chancellor, Ms. Vini Mahajan IAS PSHFW, Punjab, and Dr. Yogesh Chawala, then Director of PGI, Chandigarh. The message from the first-year report of the cancer registry is that the cancer incidence rates are not high in SAS Nagar district and they are in comparison with other parts of India.

Results

The cancer registry registered 847 newly diagnosed cancer cases (399 males and 448 females) in 2014. The age adjusted incidence rate (AAR) is 82.3 per 100,000 population for males and 99.1 per 100,000 population for females. The cumulative risk for the age group 0-74 is 9.6% (1 in 10 men is at risk of getting cancer) in males and in females, it is 11.1% i.e. (1 in 9 females is at risk of getting cancer).

The cancer registry has registered 384 cancer deaths. In males, we have registered 210 deaths and 174 deaths in females. The age adjusted mortality rate is 44.8 per 100,000 population in males and for females, it is 38.8 per 100,000 population.

Late Registration

For the year 2013, 34 cases were registered by the registry staff as late registration for 2013 with 18 male cases and 16 female cases. The revised AAR for 2013 for Males is 78.5 earlier it was 74.3 where as in female it is 108.1, earlier it was 104.2. Due to improvement in the cancer registration process we have identify late registration cases of 2013.

Leading Cancer sites

Among men, lung, prostate, oesophagus, Urinary Bladder, and Brain are the leading cancer sites. Among females, Breast, Cervix Uteri, Ovary, Oesophagus and Gall bladder are the leading cancer sites. Leading cancer sites are mentioned in Table I and II.

Table I: Leading cancer sites in male

ICD 10	Sites	Number	CR	AAR	TR
C 33-C34	Trachea, bronchus & lung	34	5.8	7.8	16.2
C 61	Prostate	37	6.3	7.3	6.1
C 15	Oesophagus	25	4.2	5.2	7.7
C 67	Urinary Bladder	25	4.2	5.1	8.4
C 70-72	Brain, nervous system	25	4.2	4.6	7.5
CR-Crude incidence rate per 100000 population; AAR-Age adjusted incidence rate per 100000 population; TR-Truncated rate per 100000 population					

Table II: Leading cancer sites in female

ICD 10	Sites	Number	CR	AAR	TR
C50	Breast	131	24.8	29.5	72.6
C53	Cervix Uteri	45	8.5	10.0	22.5
C56	Ovary	40	7.6	9.1	25.6
C15	Oesophagus	29	5.5	6.5	13.8
C23-C24	Gall Bladder	23	4.4	5.2	11.8
CR-Crude incidence rate per 100000 population; AAR-Age adjusted incidence rate per 100000 population; TR-Truncated rate per 100000 population					

Under registration

In 2014 year, we have noted 3% others and unspecified primary site among males and 3.6 % among females. There may be under-registration of the cancer incidence and mortality cases which are diagnosed clinically. The quality control exercise was carried out; the results of the quality control are satisfactory.

Comparison of cancer incidence rate of SAS Nagar (2014) with other registries in India

As compared to other part of the India cancer incidence rates are lower and are in comparison with other parts of India. The comparison is shown in Figure I and II.

Figure I: All Site Cancer Incidence Rate - Male

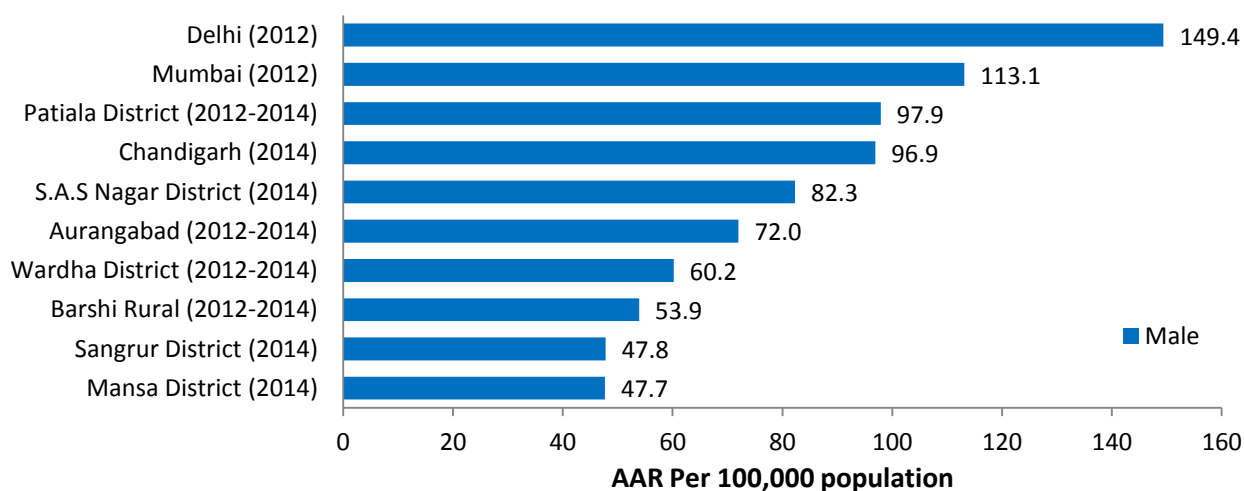
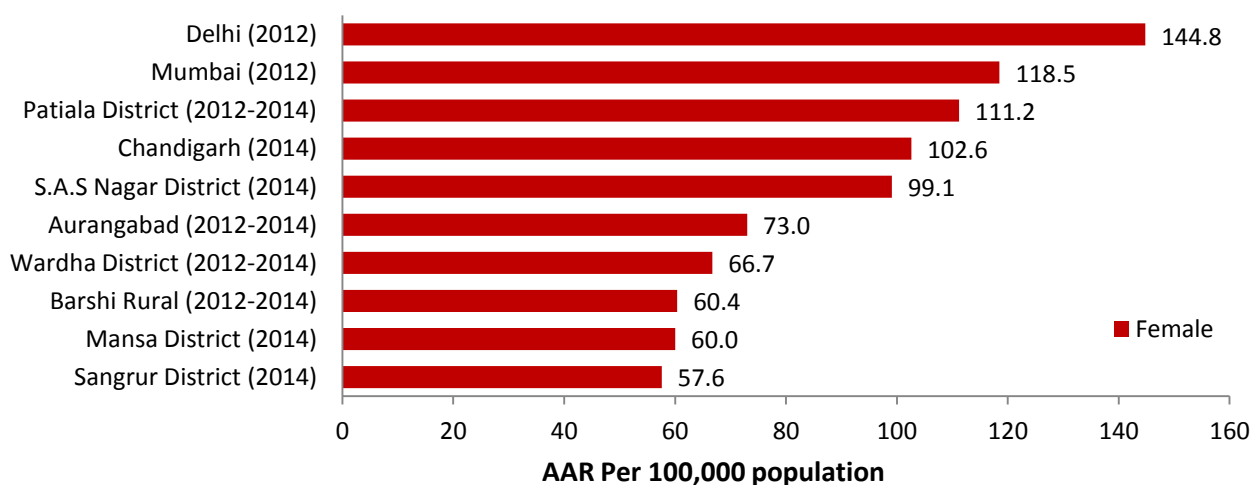


Figure II: All Site Cancer Incidence Rate - Female



Recommendation

Recommendation for starting the cancer awareness program on breast, cervix, prostate, oral and oesophagus cancers as well as improving the access to cancer diagnosis and treatment. The Government of Punjab through the district cancer control program can implement the above strategies.

1. Punjab State Profile

Punjab is situated in the northwest India. The five rivers Sutlej, Beas, Ravi, Chenab and Jhelum gave Punjab its name 'punj-ab' or 'land of five waters/rivers'. 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.

As per census 2011, Punjab has a total population of 2,77,04,236 out of which 1,46,34,819 are males and 1,30,69,417 are females. It constitutes 2.29% of total population of India. Tehsils, 217 towns and 12,581 villages.

Punjab's capital is Chandigarh, which is administered separately as a Union Territory since it is also the capital of Haryana state of India. Totally, there are 22 districts in Punjab. Punjab borders the West Punjab (Pakistan) to the west, Jammu and Kashmir to the north, Himachal Pradesh to the northeast, Haryana to the south and southeast, Chandigarh to the southeast and Rajasthan to the southwest.

The Punjabi language written in Gurmukhi script, is the official language of the state. Besides Punjabi, Hindi, Urdu and the universally acclaimed English are the languages that are spoken in Punjab.

Table 1: State Profile of Punjab, India.

Sr. No.	Items	Unit	Number
1.	Area		50,362
	(i) Rural-Area	Sq. Km	48,265
	(ii) Urban Area		2097
2.	Tehsils	Number	81
3.	(Population 2011) Total Population	Lakh	277.04
	Rural Population		173.2
4.	% of Rural to Total Population	%	62.51
5.	% of Urban to Total Population	%	37.49
6.	Density	Per Sq. Km	550
7.	Literate & Educated Persons	Number	1,89,88,611
8.	Female per 1000 Male	Number	893
9.	Literacy	%	76.7

2. SAS Nagar District Profile

Sahibzada Ajit Singh Nagar/Mohali district has been carved out of areas falling in Ropar and Patiala districts as 18th district of Punjab on 14th April 2006. The district includes SAS Nagar, Kharar and Derabassi teshils (Table 2). It is located in the north-east part of Punjab and it includes 419 villages. The important townships in the district are Kharar, Kurali, Mohali, Zirakpur & Derabassi. Rapid urbanisation in SAS Nagar results in migration from neighboring districts and states.

Table 2: SAS Nagar district area administrative profile

Tehsils	Sub-Tehsils	Blocks (Administrative)	Health Blocks
Sahibzada Ajit Singh Nagar		Majri	Boothgarh
Derabassi	Banur	Derabassi	Derabassi
Kharar	Majri	Kharar	Gharuan

Rural–Urban

The area under SAS Nagar district shows amalgamation of both urban and rural area. As per 2011 census, 544611 (54.8%) of its population resides in urban area and the remaining in rural area (Table 3).

Table 3: Profile of SAS Nagar district, Punjab, India

Sr. No.	Characteristics	Unit	SAS Nagar
1.	Area	Sq. Km	1094
2.	Total Population (Census 2011)	Lakh	994628
	Rural		450017
	Urban		544611
3.	% of Urban to Total Population	%	0.548
4.	% of Rural to Total Population	%	0.452
5.	Population Density	Per Sq.km	830
6.	Sex ratio (Female per 1000 Male)	Number	878
7.	Literacy Rate	%	84.9

Health infrastructure of SAS Nagar district

SAS Nagar district is easily accessible by road, rail and air ways. As it is located adjacent to Chandigarh, majority of the patients visits PGIMER, Chandigarh for treatment. There are number of government and private health facilities present inside the district which also delivers health care services to the population (Table 4 & 5). Due to its proximity, patients also visit other hospitals and pathology labs in Chandigarh.

Table 4: List of government health facilities in SAS Nagar, Punjab

Sr. No	Institution	Count	Name of the Institution
1	District Hospital	1	SAS Nagar
2	Sub Divisional Hospitals	2	Kharar, Derabassi
3	Community Health Centers	4	Kurali, Derabassi, Banur, Antala
5	Block Primary Health Centers (PHC)	3	Derabassi, Gharaun, Bhootgarh
6	PHC/Mini PHC	13	Lalru, Pandwala, Basauli, Majat, Landra, Phase 3b, Mullanpur, Chando, Palheri, Khijrabad, Gharaun, Bhootgarh, Khizargarh
7	Subsidiary Health Centers	44	
8	Health Sub Centers	76	
Total		143	

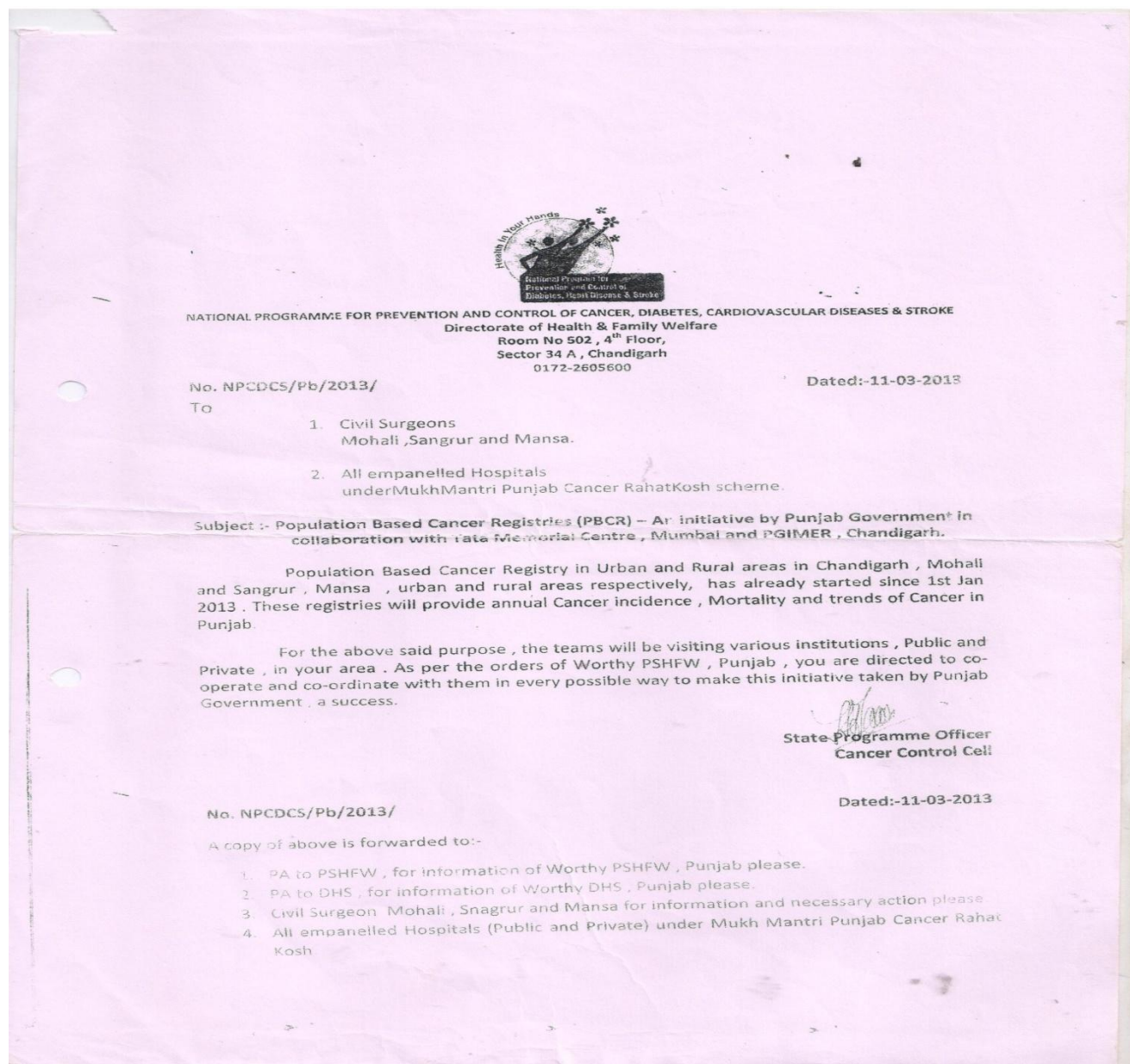
Table 5: List of private hospital in SAS Nagar, Punjab

Sr. No	Institution	Count	Name of Institution
1	Private Hospitals	13	Fortis Super-specialty Hospital Behgal Cancer and Surgical Centre, Mohali Max Super-specialty Hospital Amar Hospital Indus Super-specialty Hospital Harmony Hospital Grecian Super-specialty Hospital Ivy Hospital Shri Guru Harkrishan Hospital Gian Sagar Hospital J.P super-speciality Hospital Cheema Hospital Mayo Hospital
2	Pathology Laboratories	3	Helix Path Lab Nimbus Path Lab Ahuja Diagnostic Centre

3. Administrative order by the state government for the cancer registration process

State program officer (Cancer Control Cell), Punjab issued the administrative order to all the government hospitals and private hospitals (empanelled under Mukhya Mantri Rahat Kosh Yojna) at SAS Nagar to provide the data of cancer patients including demographic data to population based cancer registry for better cancer reporting (Figure 1). Due to administrative support from state and district health department, we have very good cooperation from all the government as well as private empanelled hospitals.

Figure 1: Office order from State Programme Officer (Cancer Control Cell)



4. Population Covered by The Cancer Registry

PBCR, SAS Nagar covered the whole population of SAS Nagar i.e., ~ 1.13 million for the year 2014. It was estimated from the 2011 census (Table 6) population based on the annual growth rate.

Table 6: SAS Nagar district population as per census 2011

Area	Male (%)	Female (%)	Total (%)
Urban	288269 (52.9)	256342 (47.1)	544611 (54.75)
Rural	240984 (53.5)	209033 (46.5)	450017 (45.25)
Total	529253 (53.2)	465375 (46.8)	994628

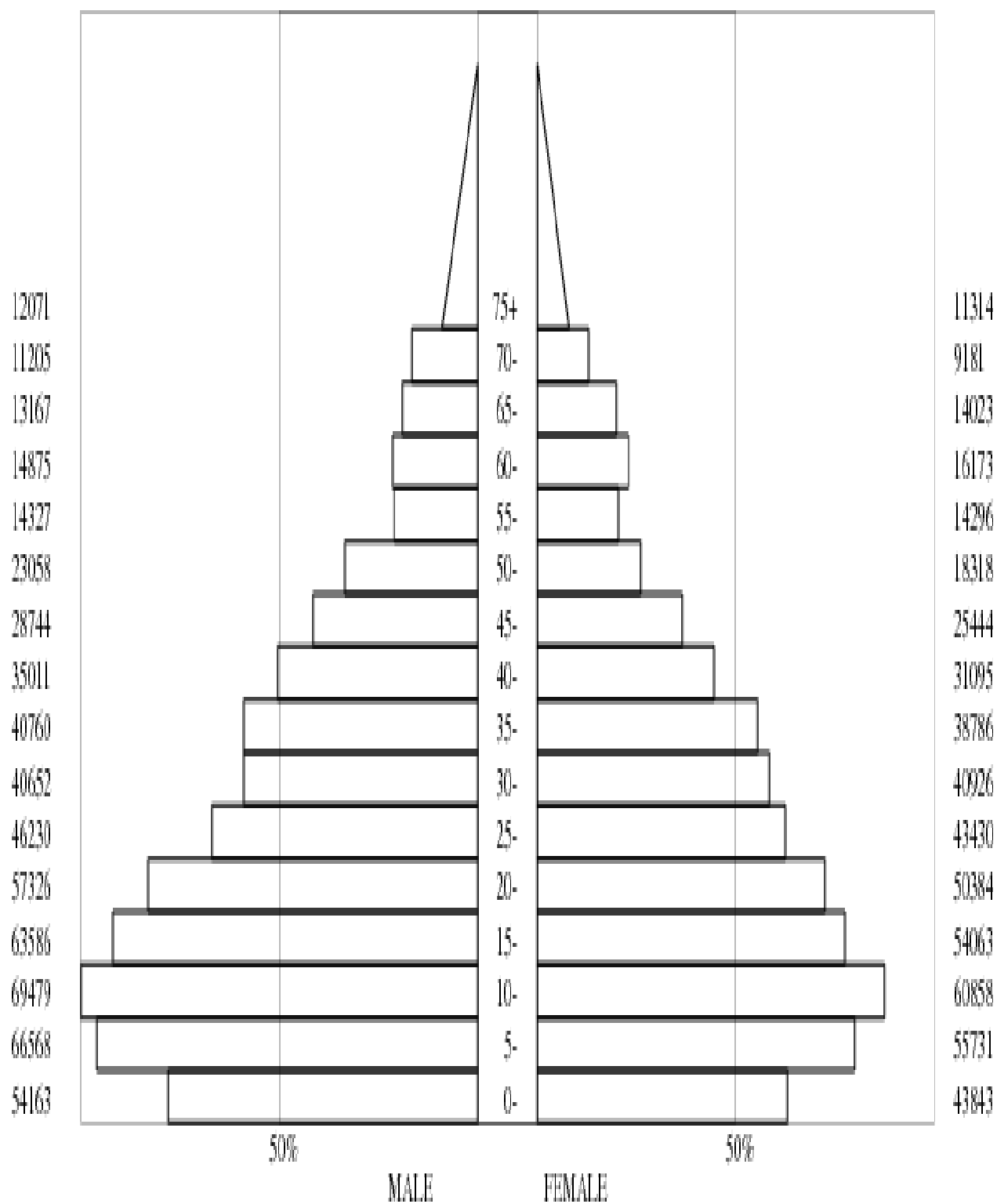
Estimated population of SAS Nagar -2014

The estimated midyear population for 2014 derived from the decadal growth rate between 2001 to 2011 census population is 11,19,087 among which 5,91,222 are males and 5,27,865 are females (Table 7). Estimated total urban population is 6,37,073 and rural population is 4,55,354. The population pyramid of SAS Nagar is shown in Figure 4.

Table 7: Estimated population by age and sex, SAS Nagar 2014

SAS NAGAR 2014						
Age Group	Male		Female		Total	
	Number	%	Number	%	Number	%
0_4	54163	9.2	43843	8.3	98006	8.8
5_9	66568	11.3	55731	10.6	122299	10.9
10_14	69479	11.8	60858	11.5	130337	11.6
15_19	63586	10.8	54063	10.2	117649	10.5
20_24	57326	9.7	50384	9.5	107710	9.6
25_29	46230	7.8	43430	8.2	89660	8.0
30_34	40652	6.9	40926	7.8	81578	7.3
35_39	40760	6.9	38786	7.3	79546	7.1
40_44	35011	5.9	31095	5.9	66106	5.9
45_49	28744	4.9	25444	4.8	54188	4.8
50_54	23058	3.9	18318	3.5	41376	3.7
55_59	14327	2.4	14296	2.7	28623	2.6
60_64	14875	2.5	16173	3.1	31048	2.8
65_69	13167	2.2	14023	2.7	27190	2.4
70_74	11205	1.9	9181	1.7	20386	1.8
75+	12071	2.0	11314	2.1	23385	2.1
Total	591222	100.0	527865	100.0	1119087	100.0

Figure 2: Population pyramid of SAS Nagar as on 1st July 2014



5. Cancer Registration Method

Cancer incidence cases

Cancer is a notifiable disease in Punjab since 2012. Information on cancer patient is obtained actively from various government and private hospitals, laboratories and diagnostic centers in and around the registry area. The registry staff visits all the registration sources (Table 8) and collect the relevant and available information.

Table 8: Sources of cancer registration for PBCR, SAS Nagar

Sr. No.	Institution Name	Place
Hospitals		
1.	PGIMER, Sector-12	Chandigarh
2.	Government Medical College and Hospital, Sector-32 (GMCH-32)	Chandigarh
3.	Government Multi Specialty Hospital, Sector-16 (GMSH-16)	Chandigarh
4.	Kidney And Urology Centre, Sector-46	Chandigarh
5.	Chuttani Medical Centre, Sector-17	Chandigarh
6.	Chandigarh Cancer Diagnostic Centre, Sector-33	Chandigarh
7.	Alchemist Hospital	Panchkula
8.	Fortis Specialty Hospital	Mohali
9.	Max Super Specialty Hospital	Mohali
10.	Indus Super Specialty Hospital	Mohali
11.	Ivy Hospital	Mohali
12.	Behgal Cancer and Surgical Centre, Mohali	Mohali
13.	Civil Hospital	Mohali
14.	Harmony Hospital	Mohali
15.	Shri Guru Harkrishan Hospital, Sohana	Mohali
16.	Grecian Super Specialty Hospital	Mohali
17.	Gian Sagar Hospital	Banur, Mohali
18.	J.P Super Specialty Hospital	Zirakpur, Mohali
19.	Indus International Hospital	Derabassi, Mohali
20.	Amar Hospital	Mohali
21.	Cheema Hospital	Mohali
22.	Acharya Tulsi Regional Cancer Treatment and Research Institute	Bikaner, Rajasthan
Laboratories		
1.	Indira Holiday Home, Sector-24	Chandigarh
2.	Malhotra Path Lab	Chandigarh
3.	Medicos Path Lab	Chandigarh
4.	Mujoo's Path Lab, Sector-15	Chandigarh

5.	SRL Path Lab, Sector-11	Chandigarh
6.	Dr Sodhi Path Lab	Mohali
7.	Helix Path Lab	Mohali
8.	Nimbus Path Lab	Mohali
9.	Ahuja Path Lab	Kharar
Other sources		
1.	Birth And Death Registrar Office, Sector-17	Chandigarh
2.	Birth And Death Registrar Office, Sector-69	Mohali
3.	Birth And Death Registrar Office, Zirakpur	Zirakpur
4.	Birth And Death Registrar Office, Derabassi	Derabassi
5.	Birth And Death Registrar Office, Banur	Banur
6.	Birth And Death Registrar Office, Lalru	Lalru
7.	Birth And Death Registrar Office, Kharar	Kharar
8.	Birth And Death Registrar Office, Kurali	Kurali
9.	Birth And Death Registrar Office, Nayagaon	Nayagaon
10.	Cremation Ground, Balongi	Mohali

Cancer death cases

Registry staffs routinely collect information on cancer mortality from all the above government and private health facilities, offices of Birth and Death Registrar, cremation grounds and other religious places. During data collection from death registers, the registry staffs complete a standard proforma for all cases where cancer is mentioned as a cause of death. The proforma includes identifying information, registration number, place of registration, death registry number, place of death (whether medical institution, residence or elsewhere or unknown) cause of death, histology report, date of death and wherever available the name and address of the institution or medical practitioner certifying the death. It also includes residential address and contact number of the family of the deceased. Details on cancer deaths of persons not residing in the registry area are excluded after investigation.

The information on deaths so collected are compiled and matched with available incident cancer case data. This constitutes the matched deaths for that particular year. The unmatched deaths are further investigated for collection and filling of missing variables through interviewing the relatives of the deceased during home visits. Verbal autopsies are done to all cases where no hospital records are available on cancer.

Cases notified through death certificates, for which the registry staffs are not able to obtain further information either from the records available with the deceased's family or from hospital records (after matching or tracking back with hospital information system (HIS)) are registered as "Death Certificates Only (DCO)" cases. In these cases, no other information is available other than the death

certificate which mentions cancer as a cause of death. Verbal autopsies (VA) are done for all DCO cases and cause of death coding was done by a medical doctor.

Data collection and registration by registrar

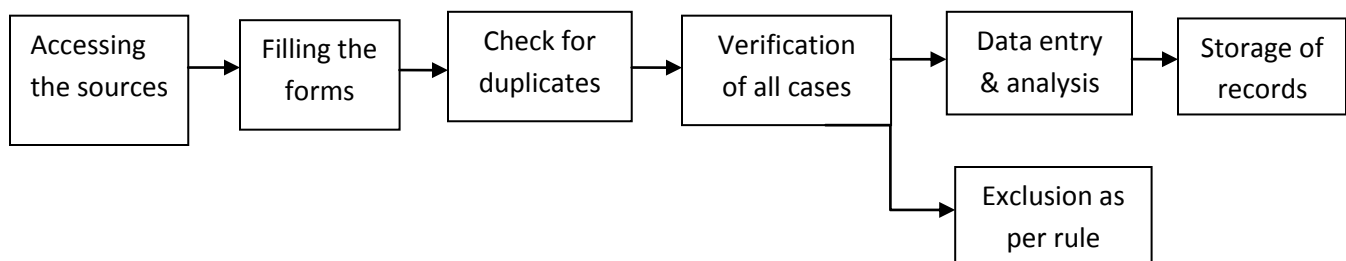
The registry staffs periodically visit different sources for collection of data according to their work plan. They abstract the hospital records and enter the data into a semi structured data extraction proforma. After checking for duplication by the data entry operator, the forms are filed separately for home visit to confirm and to fill the missing variables. Since several sources of information are accessed and available, all duplicate forms are used for completing the proforma in case of missing information in the primary proforma and the information are cross verified with the patient/patient's relatives. All duplicate forms are separately filed for future quality checks. In case of same year cancer diagnosis and death, two separate forms are written i.e., for incidence and mortality separately. All completed forms are separately filed for further data entry in CanReg5.

Additionally, cancer cases diagnosed before 2013 are also registered mentioning the exact date of diagnosis for future follow up to study the course of disease among them. Though these cases will not appear in the incidence of 2014, it can present as source of data in case of any death happens. All these forms are kept for follow up either telephonically or in person at periodic intervals.

Cancer cases residing outside the registry area are excluded after thorough scrutiny either telephonically or in person verification. All these forms are filed and stored separately.

The process in registration of cancer cases follows the given steps (Figure 3).

Figure 3: Process of registration of cancer cases



Data Entry

CanReg5 software which is developed by International Agency Research on Cancer (IARC), Lyon, France is used for data entry, storage and analysis. It is an open sourced, offline software program and has following modules to do:

- a) Data Entry
- b) Quality Control
- c) Consistency Checks
- d) Basic analysis of the data (Predefined)

The data is split over 3 tables:

- Patient record
- Tumor record
- Source record

The software allows entry of multiple tumors per patient and multiple sources per tumor. As the data entry starts, the software allocates a unique ID to each case. At different level, duplication checks are done and eliminated if it is found. Consistency checks are also performed between different variables. All staffs of the registry are trained on CanReg5 for entering and analyzing the data. At the start and end of the day, back up of the data was done. All data were kept confidential using a username and password for the registry.

6. Community involvement in the cancer registration process

SAS Nagar is in the vicinity of Chandigarh hence most of the patients of this area visit PGIMER for better treatment. Moreover, SAS Nagar district has well known private institutions which provide better cancer care treatment. Department of Health and Family Welfare, Government of Punjab has conducted door to door campaign to raise the awareness and household survey to know the prevalence of cancer in each district of the state. Due to this programme, the community leaders are aware about the importance of the disease and the cancer registration process. The community health workers like ANMs, anganwadi workers, and ASHAs keep the information of the cancer incidence and death cases occurred in their village. The registry staffs interact with these community health workers to get to know about the cancer cases and related information in respective villages at periodic intervals.

Due to community interaction, we are 100% sure about the residence confirmation of the cancer cases in urban and rural area. Patients/patient relatives provide the demographic information such as education, income and religion etc. Due to regular village visits and interaction with the community, we update the status of cancer patients at periodic intervals which will be utilized for the cancer survival analysis.

7. Quality Control

Mortality to Incidence ratio

The mortality-incidence or MI ratio is an indicator of the completeness and accuracy of cancer registry data. In the year 2014, 847 incident cancer cases (males-399 and female-448) have been registered by PBCR SAS Nagar. For the same period, 384 cancer deaths have been registered (210 males and 174 females). The overall mortality to incidence ratio is 0.45 (45.3%) (males- 0.52_(52.6%) and females- 0.39 (38.8%) which is good and compared to other established urban PBCRs in India.

Quality Control of cases

We registered 847 cases for 2014. Quality control exercise was carried out for the improvement of the records and as well as for the capacity building of the staff. All the proforma filled by registry staff is cross checked by Medical doctor from PGIMER, Chandigarh. There are total 25 meetings (11 with all 4 PBCR and 14 with Chandigarh and SAS Nagar Cancer Registry) conducted for their capacity building. Special training session on abstraction of medical record was organized by medical expert from PGIMER.

Microscopic verification of the cases

In the year 2014, out of 399 cases in men, we have 306 (91.6%) cases diagnosed on basis of microscopic verification. 2.0% cases are diagnosed on the basis of radiological findings. Similarly in females, out of 448 cases we have 425 cases (94.9%) diagnosed on basis of microscopic verification. Overall proportion of microscopically verified cases is 86.3% for incident cases.

Death certificate only (DCO) cases

We have registered 12 incident cases in males (3.5%) and 16 cases in females (3.6%) under DCO category. The death cases have been registered based on the narration/relative remarks/ discharge summary available with the patient's relative. In principle they are not registered based on death certificate only. The registry reports less than 5% of DCO cases among the new cases.

Incidence rates of Childhood cancers

In the year 2014, we have registered 18 cases in boys and 10 cases in girls. The age specific incidence rates reported for the pediatric cancer is low. We might have missed the pediatric cancer cases. The age specific incidence rate by sex is mentioned below in table 9.

Table 9: Incidence rate of Pediatric Cancer cases in SAS Nagar district: 2014

Age group	Boys		Girls	
	Number of cases	Age specific incidence rate	Number of cases	Age specific incidence rate
0_4	9	16.6	2	4.6
5_9	6	9.0	4	7.2
10_14	3	4.3	4	6.6

Average Number of Sources per Case Registered

We have seen the case per source of registration. The cases were counted as per source notification. In SAS Nagar the per source cases of registration is 2.2. The coverage of sources is very good in the cancer registration process.

8. Cancer cases registered by source of registration- First source of information

The first information of the cancer cases diagnosed/cancer death is from the hospital. After collecting relevant information through institution visits, these cases are further re-verified either by telephonic conversation or by home visit. In 99.5% cases, the first source of information is from the hospital visit. The cancer incidence and death cases registered by source of registration are mentioned in Table 10 and Table 11.

Table 10: Cancer Incidence cases 2014: First source wise distribution

Sr. No	Name of the Institution	Male	%	Female	%	Total	%
1	Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh	258	64.6	252	56.2	510	60.2
2	Government Medical College and Hospital, Chandigarh	31	7.7	37	8.2	68	8
3	Max Super Specialty Hospital, Mohali	30	7.5	29	6.4	59	6.9
4	Fortis Super Specialty Hospital, Mohali	24	6	27	6	51	6
5	Civil Hospital, Mohali	20	5	30	6.6	50	5.9
6	IVY Hospital, Mohali	6	1.5	18	4	24	2.8
7	Indus Super Specialty Hospital, Mohali	5	1.2	9	2	14	1.6
8	Malhotra Medical Lab, Chandigarh	6	1.5	7	1.5	13	1.5
9	Behgal Cancer and Surgical Centre, Mohali	4	1	5	1.1	9	1
10	Birth and Death Registrar Office, Chandigarh	3	0.7	5	1.1	8	0.9
11	Medicos Centre, Chandigarh	1	0.2	6	1.3	7	0.8
12	Government Multi Specialty Hospital,	2	0.5	4	0.8	6	0.7
13	Shri Guru Harkishan Hospital, Sohana, Mohali	1	0.2	4	0.8	5	0.5
14	Grecian Super Specialty Hospital, Mohali	2	0.5	2	0.4	4	0.4
15	Cremation Ground, Balongi-Kharar, Mohali	2	0.5	2	0.4	4	0.4
16	Gian Sagar Hospital, Mohali	1	0.2	3	0.6	4	0.4
18	Harmony Health Centre, Mohali	2	0.5	0	0	2	0.2
19	Municipal Corporation, Kharar, Mohali	0	0	2	0.4	2	0.2
20	Indra Holiday Home, Sector-24, Chandigarh	0	0	1	0.2	1	0.1
21	Municipal Corporation, Derabassi, Mohali	0	0	1	0.2	1	0.1
22	Municipal Corporation, Banur, Mohali	0	0	1	0.2	1	0.1
23	Municipal Corporation, Kurali, Mohali	0	0	1	0.2	1	0.1
24	Helix Path Lab, Phase-3BC, Mohali	0	0	1	0.2	1	0.1
25	Cheema Hospital, Mohali	0	0	1	0.2	1	0.1
26	Municipal Corporation, Zirakpur, Mohali	1	0.2	0	0	1	0.1
	Total All Sources	399	100	448	100	847	100

Table 11: Cancer Mortality Cases 2014- First source wise distribution

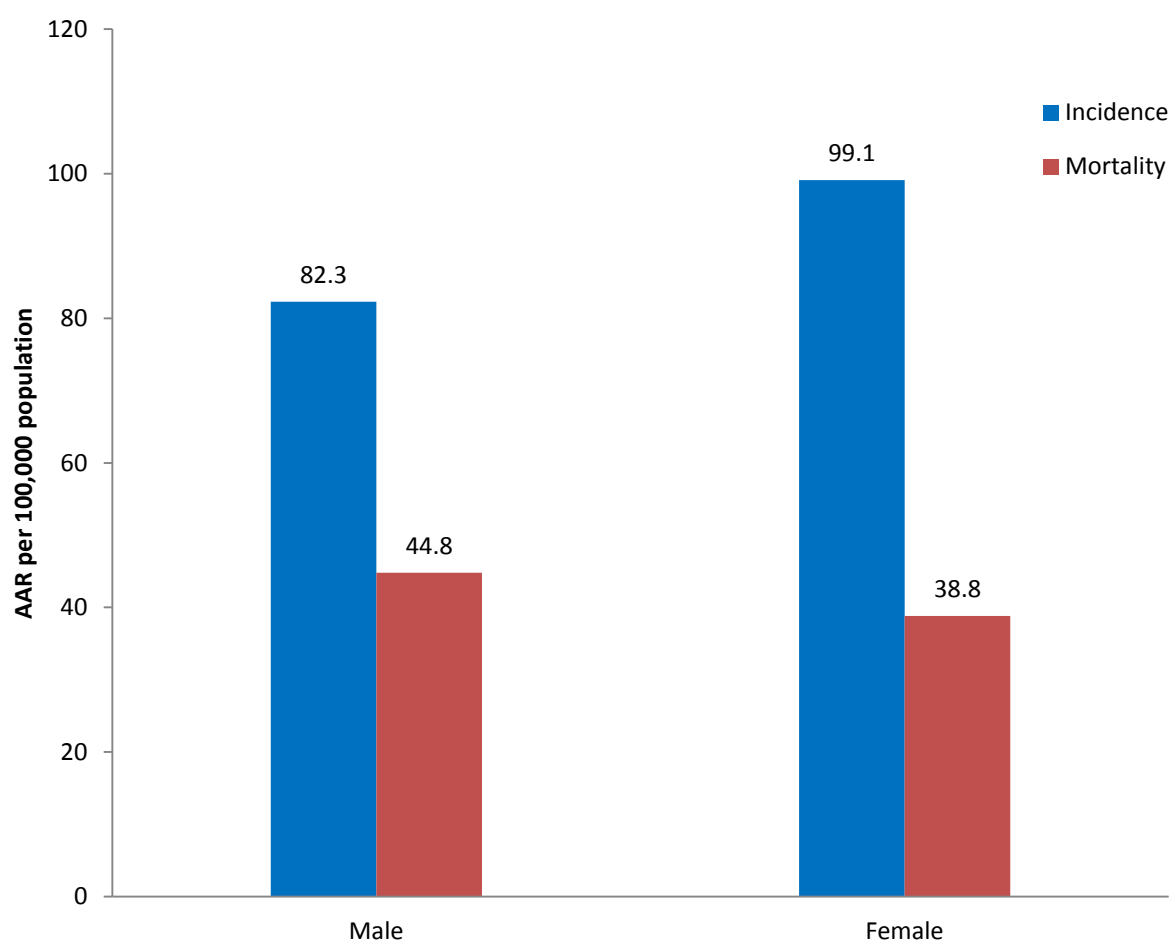
Sr. No.	Name of the Institution	Male	%	Female	%	Total	%
1	Home visit/Telephonic conversation	94	44.8	77	44.3	171	44.5
2	Civil Hospital, Mohali	47	20.9	43	24.7	90	23.4
3	Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh	20	9.5	13	7.5	33	8.6
4	Cremation Ground, Balongi-Kharar, Mohali	11	5.2	7	4.0	18	4.7
5	Municipal Corporation, Zirakpur, Mohali	6	2.9	4	2.3	10	2.6
6	Max Super Specialty Hospital, Mohali	4	1.9	5	2.9	9	2.3
7	Municipal Corporation, Kharar, Mohali	4	1.9	4	2.3	8	2.1
8	Municipal Corporation, Nayagaon, Mohali	3	1.4	4	2.3	7	1.8
9	Fortis Super Specialty Hospital, Mohali	4	1.9	2	1.1	6	1.6
10	Birth and Death Registration- Sector 17 Chandigarh	1	0.5	3	1.7	5	1.3
11	Government Medical College and Hospital, Chandigarh	1	0.5	2	1.1	4	1.0
12	IVY Hospital, Mohali	3	1.4	1	0.6	4	1.0
13	Indus Super Specialty Hospital, Mohali	2	1.0	1	0.6	4	1.0
14	Municipal Corporation, Banur, Mohali	2	1.0	2	1.1	4	1.0
15	Municipal Corporation, Sector 68, Mohali	0	0.0	3	1.7	3	0.8
16	Grecian Super Specialty Hospital, Mohali	2	1.0	0	0.0	2	0.5
17	Behgal Cancer and Surgical Centre, Mohali	1	0.5	1	0.6	2	0.5
18	Municipal Corporation, Derabassi, Mohali	0	0.0	2	1.1	2	0.5
19	Municipal Corporation, Kurali, Mohali	2	1.0	0	0.0	2	0.5
	Total	210	100	174	100	384	100

9. Cancer Incidence and Mortality – All Sites

There are 847 new cancer cases registered in SAS Nagar district in 2014. Out of which 399 cases are in males and 448 cases in females. The age adjusted incidence rate for males is 82.3 per 100000 population and for females 99.1 per 100000 population.

Similarly, cancer mortality cases were registered for the year 2014, among these, 210 male cases and 174 female cases. The age adjusted mortality rate for males is 44.8 per 100000 population and for females, it is 38.8 per 100000 population. The age adjusted cancer incidence and mortality rate for all sites for males and females are presented in Figure 4.

Figure 4: All sites cancer incidence and mortality rate by sex, SAS Nagar, 2014



10. Leading Cancer Sites by Sex

Among males, Lung, Prostate, Oesophagus, Urinary Bladder, Brain, Tongue, Larynx, Liver, Non hodgkin's Lymphoma and Mouth are the leading cancer sites. In females, Breast, Cervix uteri, Ovary, Oesophagus, Gall Bladder, Corpus uteri, Non hodgkin's lymphoma, Brain, Pancreas and Lung are the leading cancer sites. The top ten 10 leading cancer sites for male and female are presented in figure 5 & 6.

Figure 5: Leading Cancer Sites in Male (Figures in parenthesis indicate the percentage)

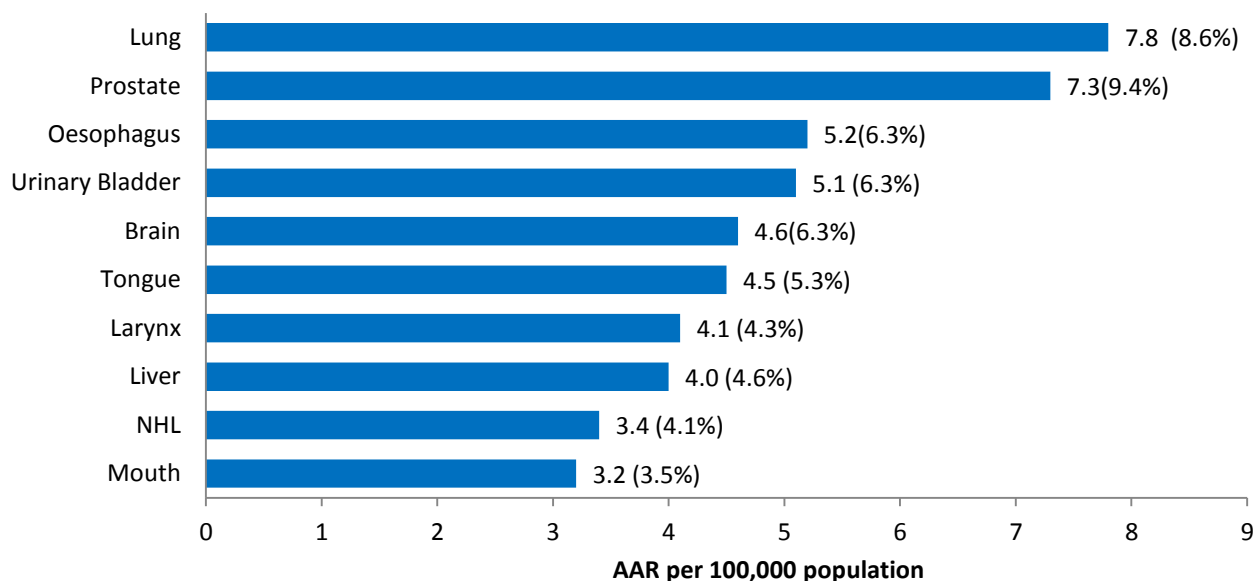
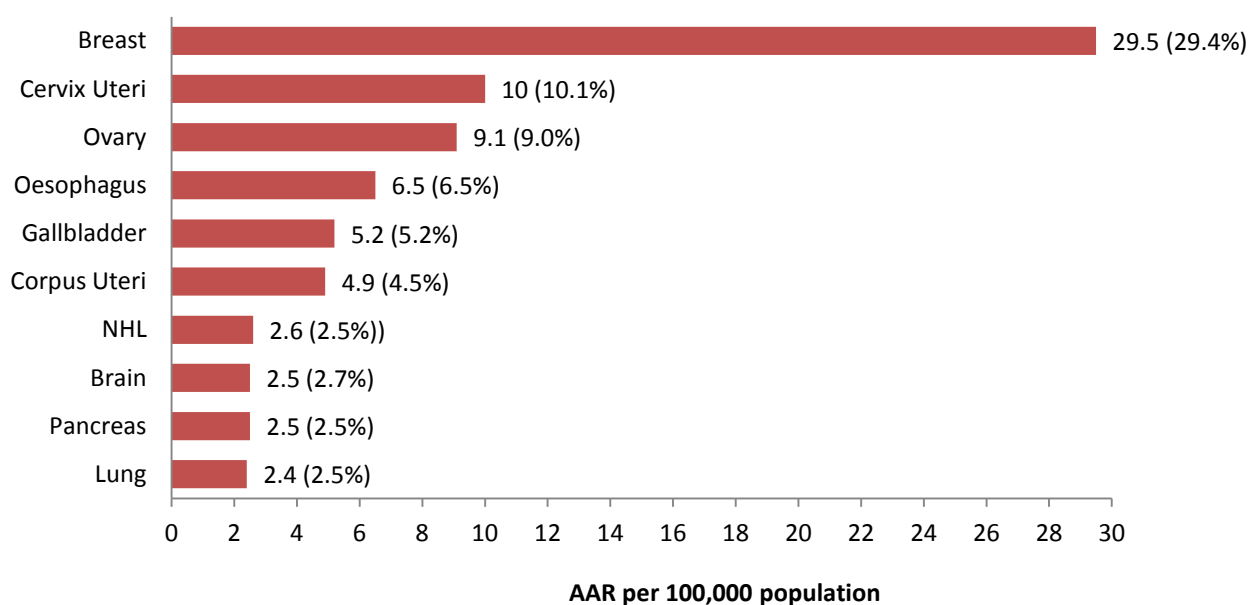


Figure 6: Leading Cancer Sites in Female (Figures in parenthesis indicate the percentage)



Cancer of Lung (C33 – C34)

	Male	Female
Number of cases	34	11
% of total cases	8.6	2.5
Crude incidence rate per 100,000	5.8	2.1
Age adjusted incidence rate per 100,000 population	7.8	2.4
Truncated rate per 100,000	16.2	4.8

Figure 7: Age specific incidence rate of Cancer Lung (C33-C34)

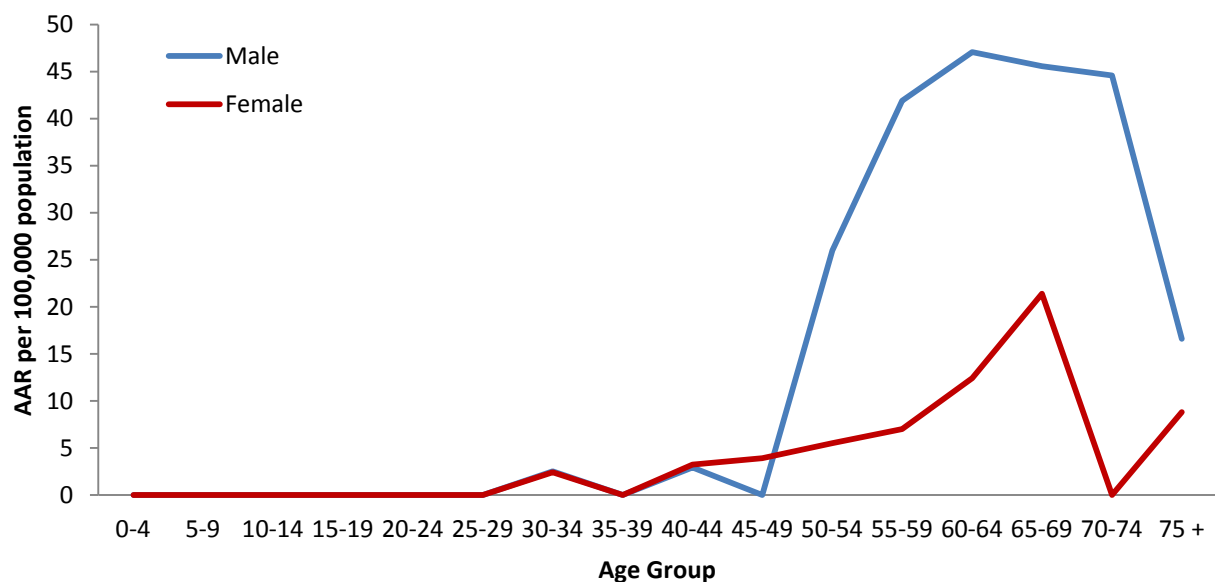
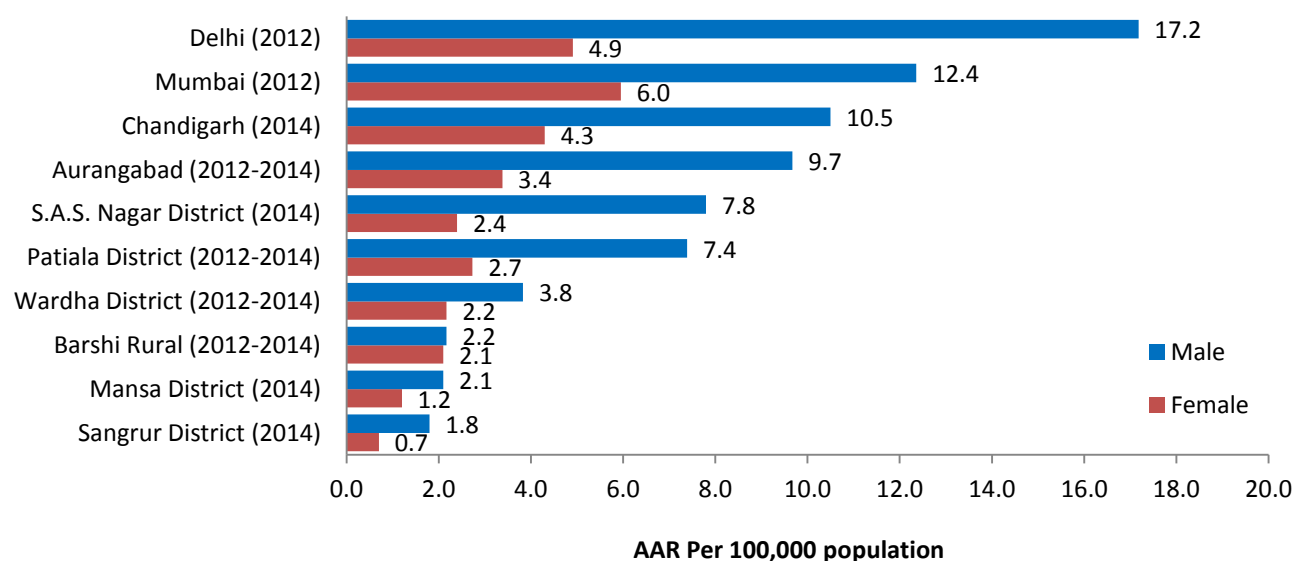


Figure 8: Comparison of Lung cancer incidence rate with other Indian registries



Cancer of Prostate (C61)

Number of cases	37
% of total cases	9.4
Crude incidence rate per 100,000	6.3
Age adjusted incidence rate per 100,000 population	7.3
Truncated rate per 100,000	6.1

Figure 9: Age specific incidence rate of Ca Prostate (C61)

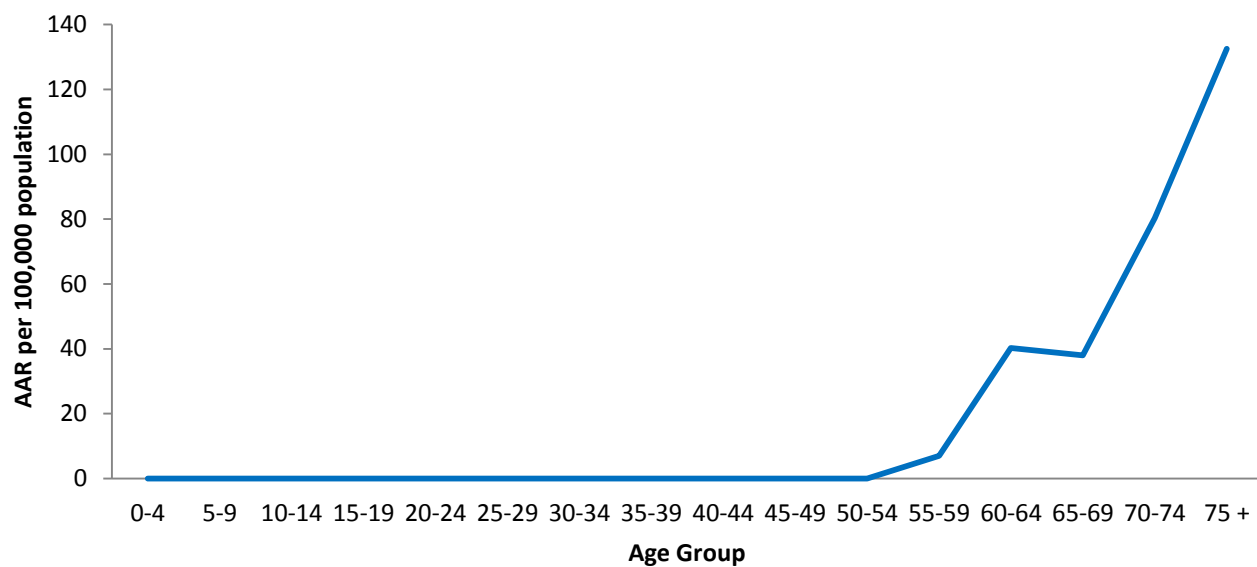
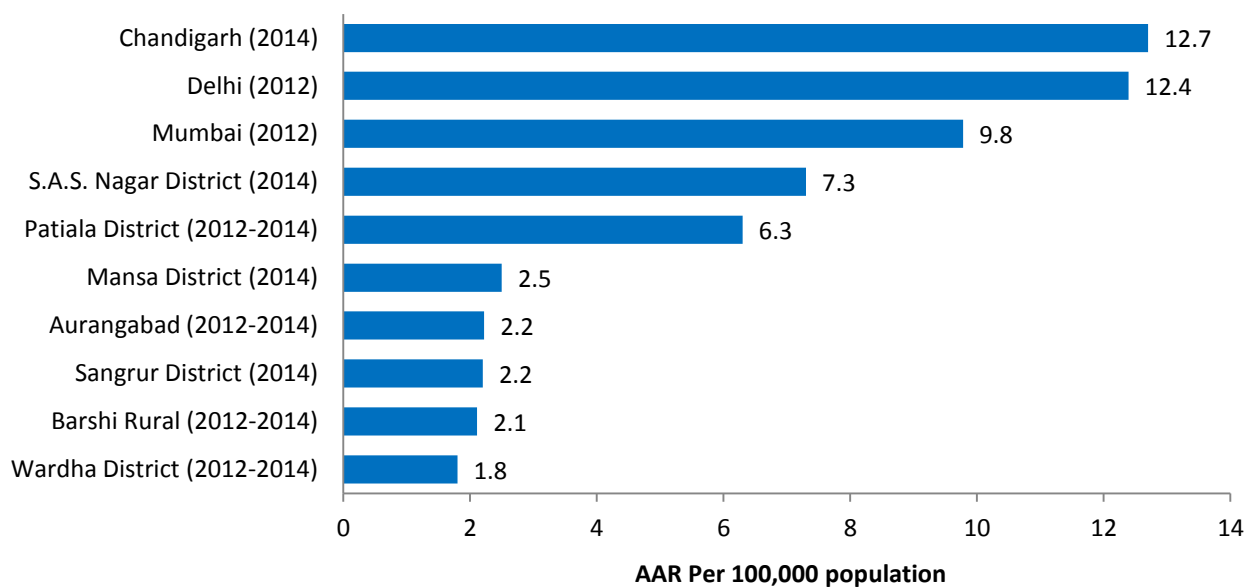


Figure 10: Comparison of Prostate cancer incidence rate with other Indian registries



Cancer of Oesophagus (C15)

	Male	Female
Number of cases	25	29
% of total cases	6.3	6.5
Crude incidence rate per 100,000	4.2	5.5
Age adjusted incidence rate per 100,000 population	5.2	6.5
Truncated rate per 100,000	7.7	13.8

Figure 11: Age specific incidence rate of Ca Oesophagus (C15)

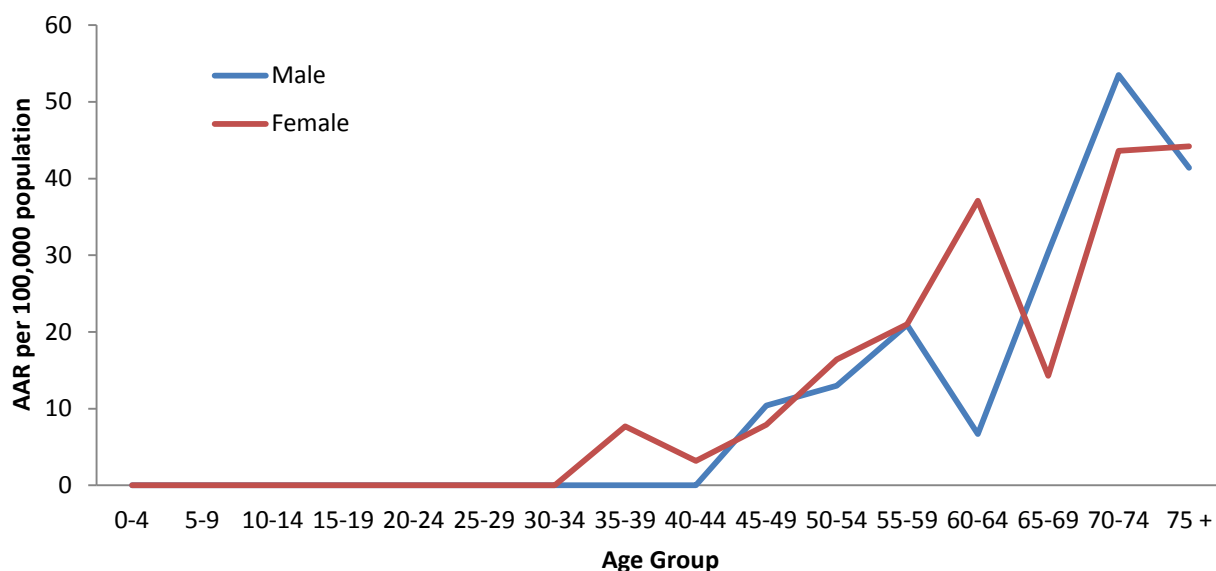
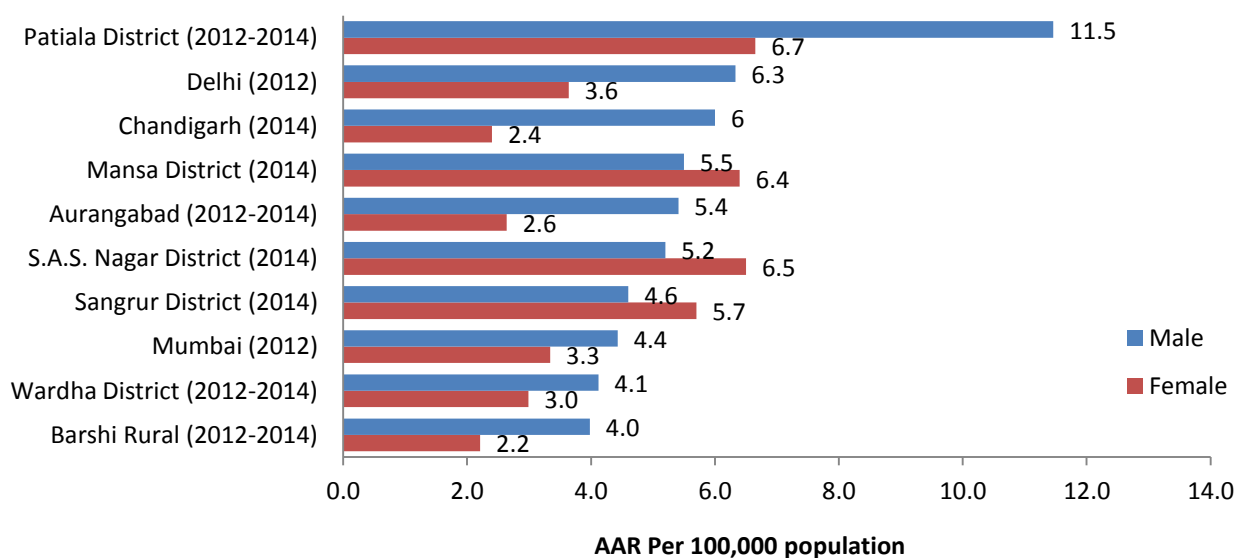


Figure 12: Comparison of Oesophagus cancer incidence rate with other Indian registries



Cancer of Urinary Bladder (C67)

	Male
Number of cases	25
% of total cases	6.3
Crude incidence rate per 100,000	4.2
Age adjusted incidence rate per 100,000 population	5.1
Truncated rate per 100,000	8.4

Figure 13: Age specific incidence rate of Ca Urinary Bladder (C67)

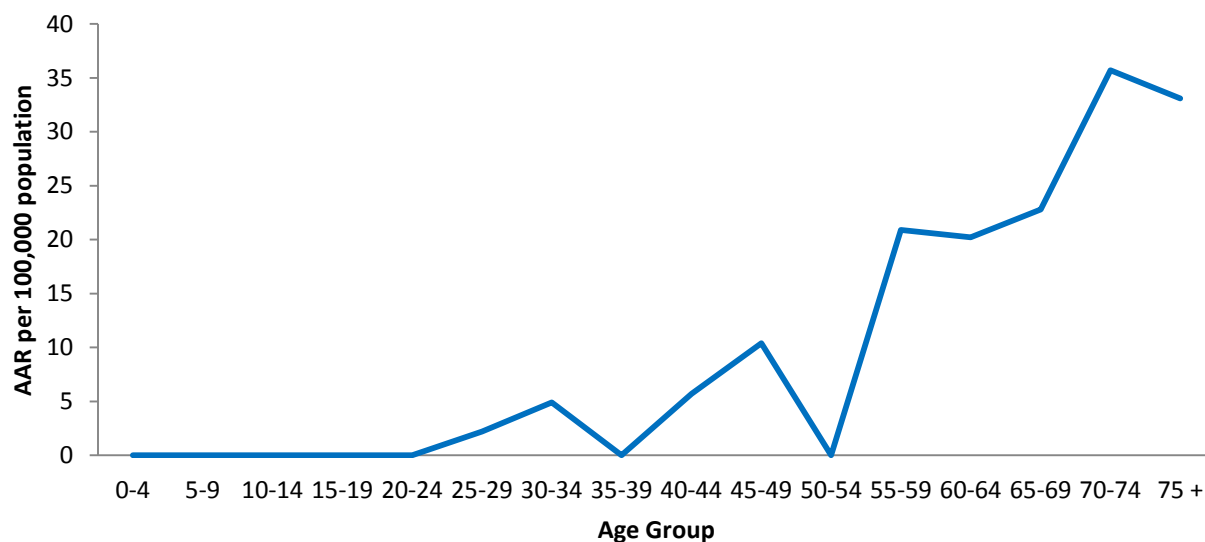
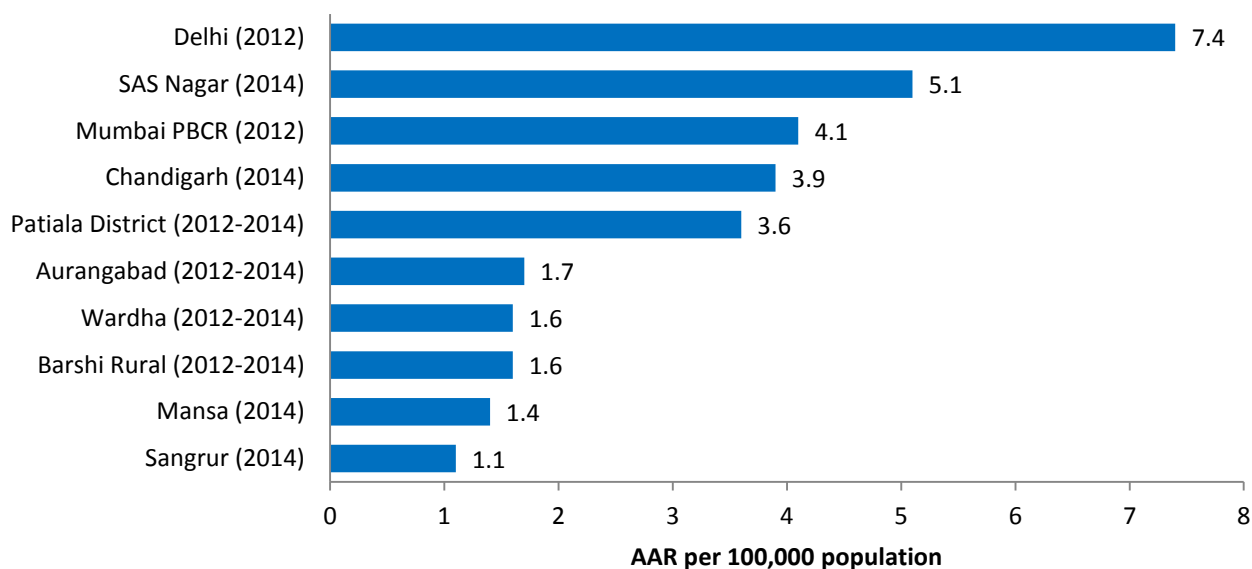


Figure 14: Comparison of Urinary Bladder cancer incidence rate with other Indian registries



Cancer of Brain (C71-72)

	Male	Female
Number of cases	25	12
% of total cases	6.3	2.7
Crude incidence rate per 100,000	4.2	2.3
Age adjusted incidence rate per 100,000 population	4.6	2.5
Truncated rate per 100,000	7.5	5.1

Figure 15: Age specific incidence rate of Ca Brain (C 71-72)

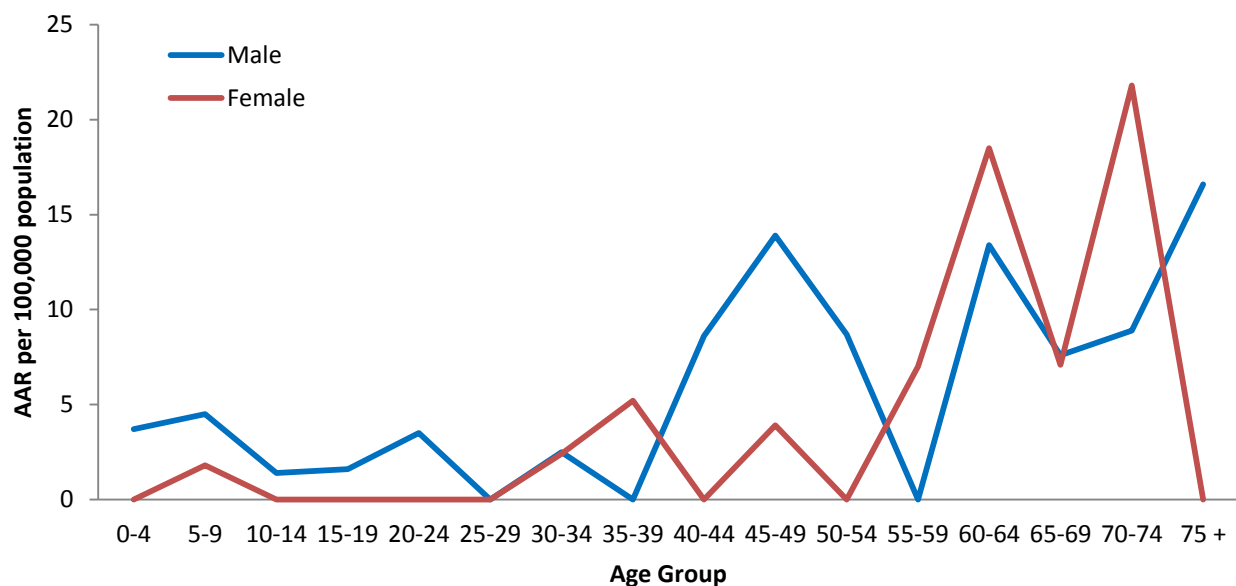
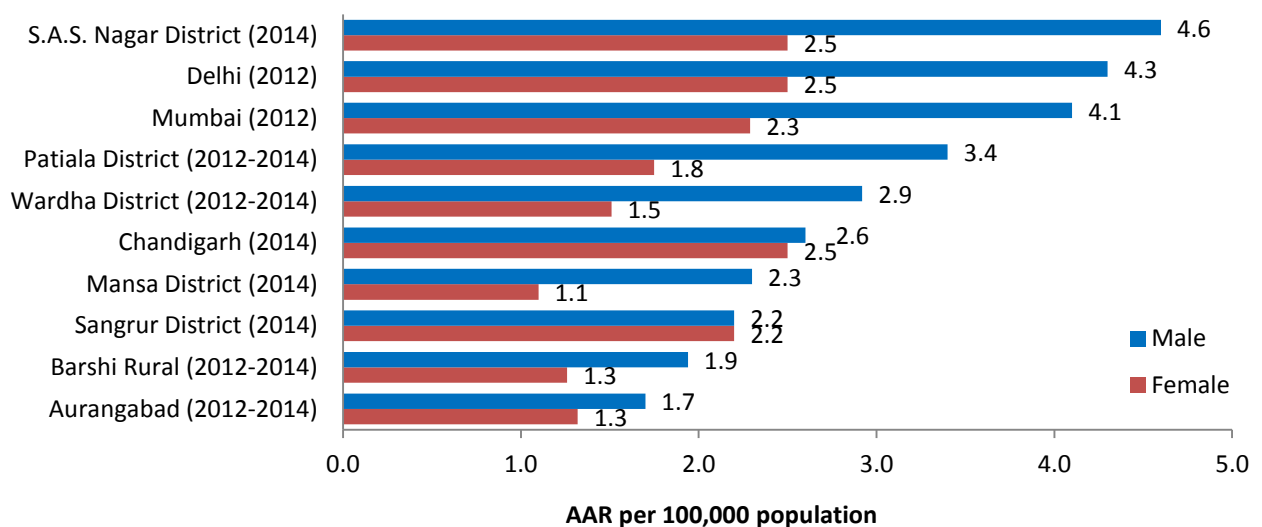


Figure 16: Comparison of Brain cancer incidence rate with other Indian registries



Cancer of Breast (C50)

	Female
Number of cases	131
% of total cases	29.4
Crude incidence rate per 100,000	24.8
Age adjusted incidence rate per 100,000 population	29.5
Truncated rate per 100,000	72.6

Figure 17: Age specific incidence rate of Ca Breast (C50)

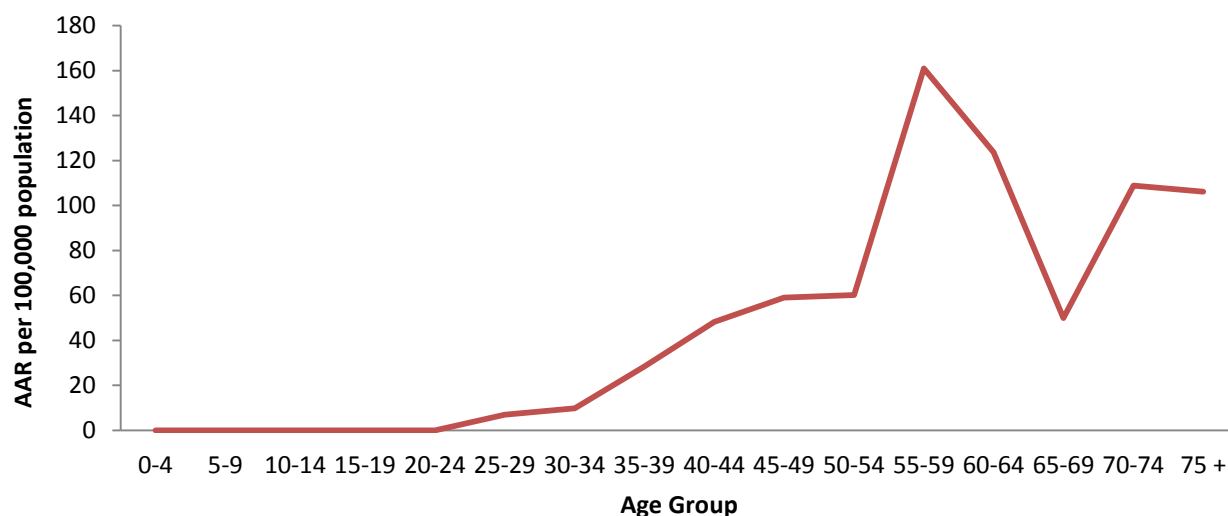
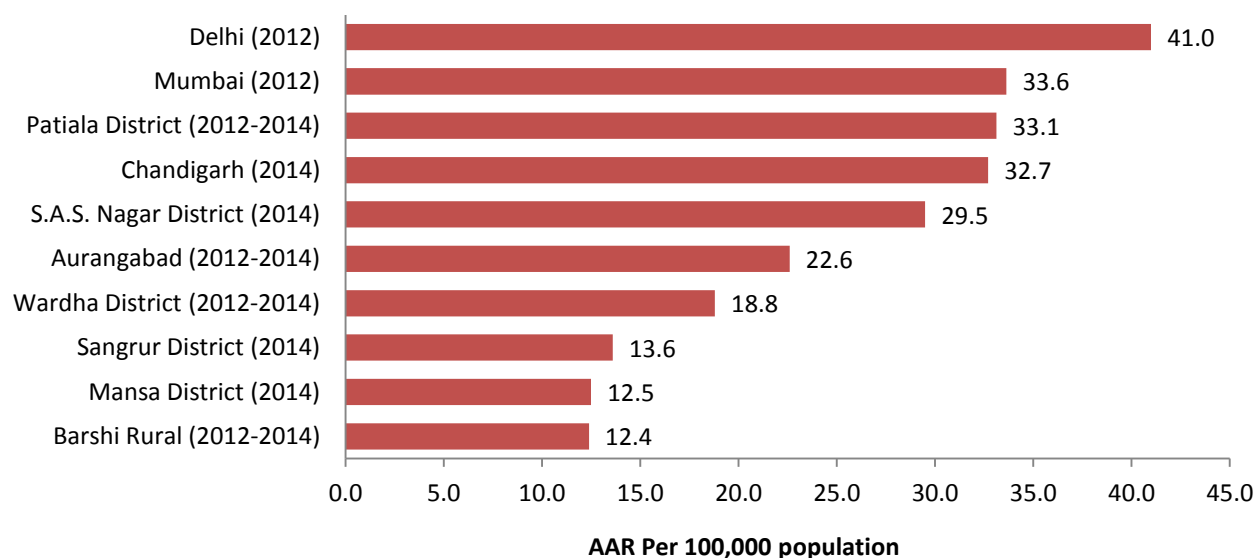


Figure 18: Comparison of Breast cancer incidence rate with other Indian registries



Cancer of Cervix Uteri (C53)

Number of cases	45
% of total cases	10.1
Crude incidence rate per 100,000	8.5
Age adjusted incidence rate per 100,000 population	10
Truncated rate per 100,000	22.5

Figure 19: Age specific incidence rate of Ca Cervix Uteri (C53)

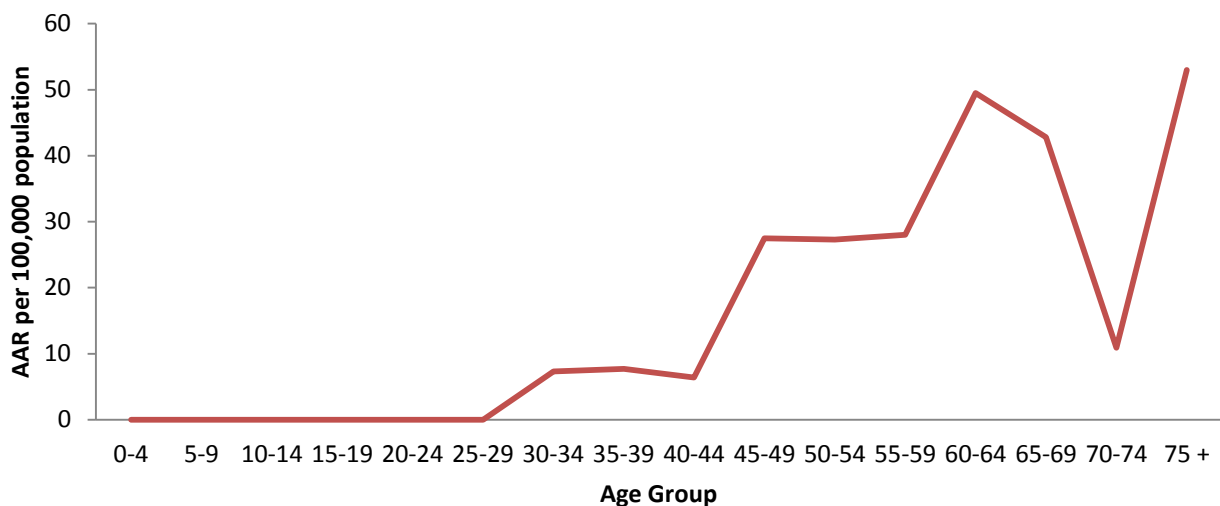
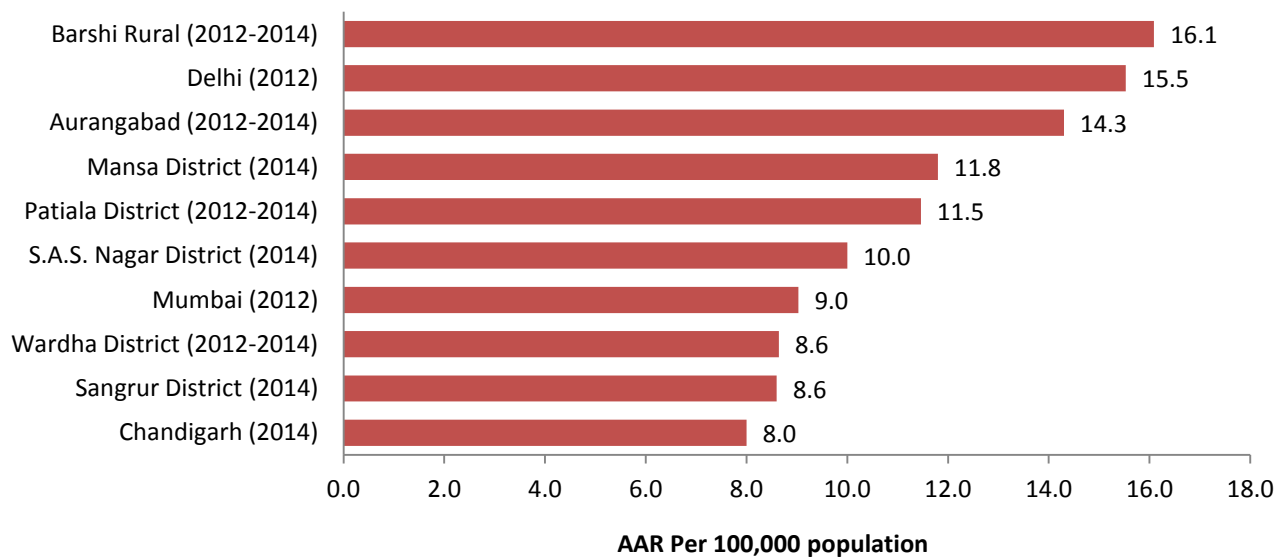


Figure 20: Comparison of Cervix Uteri cancer incidence rate with other Indian registries



Cancer of Ovary (C56)

Number of cases	40
% of total cases	9
Crude incidence rate per 100,000	7.6
Age adjusted incidence rate per 100,000 population	9.1
Truncated rate per 100,000	25.6

Figure 21: Age specific incidence rate of Cancer Ovary (C56)

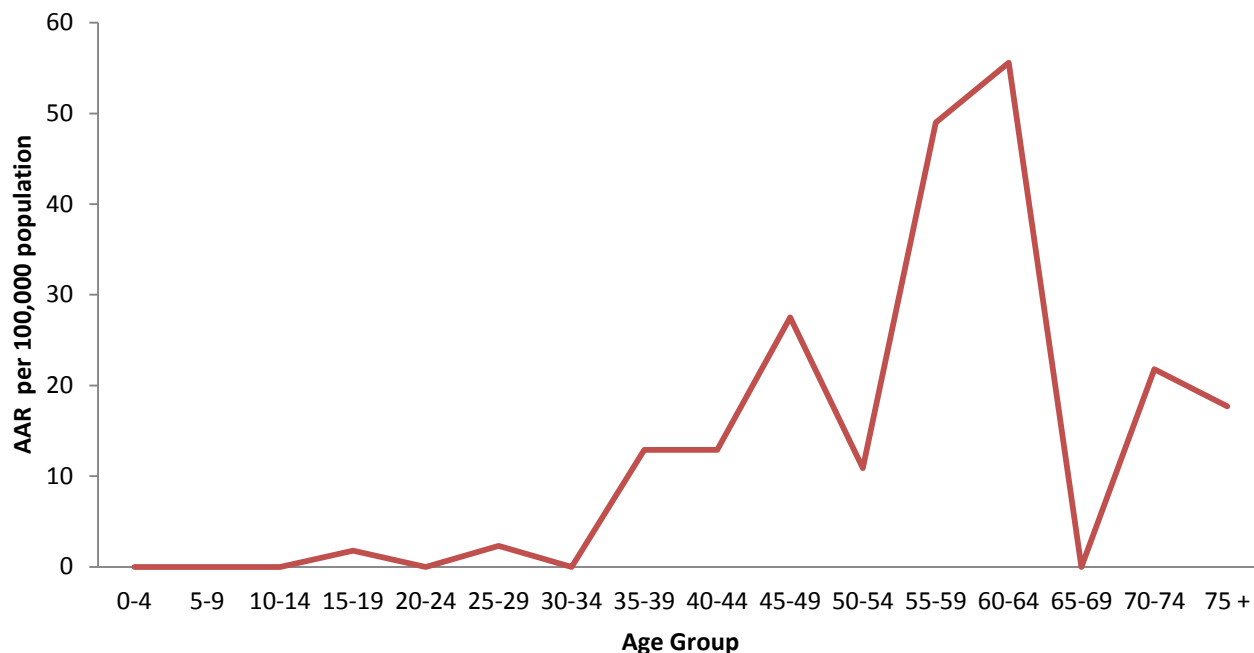
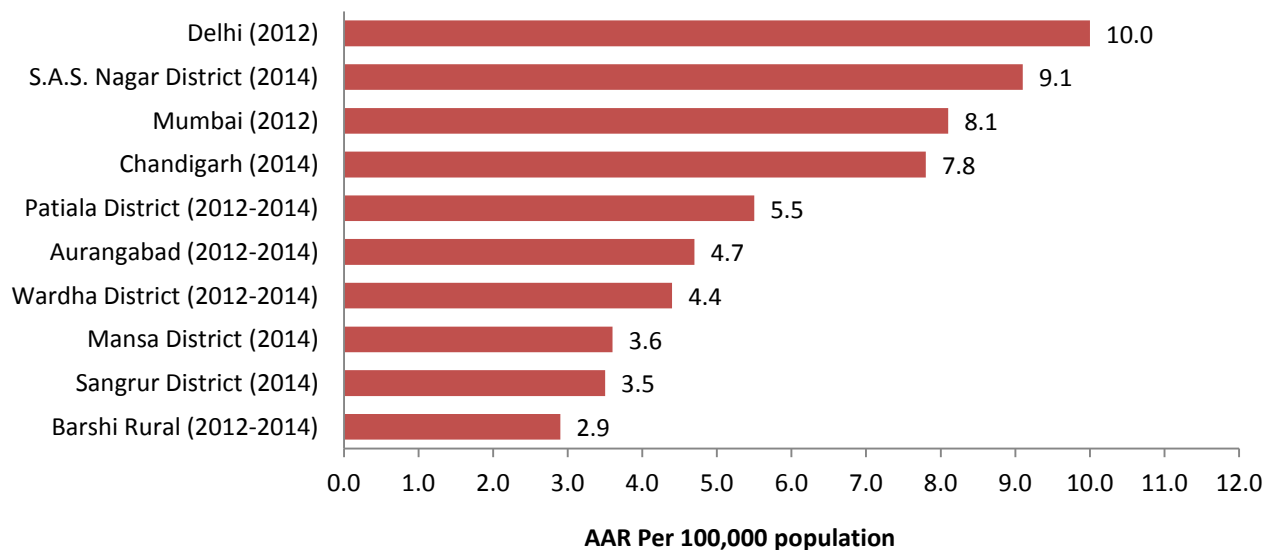


Figure 22: Comparison of Ovarian cancer incidence rate with other Indian registries



Cancer of Gall Bladder (C23-24)

	Male	Female
Number of cases	8	23
% of total cases	2	5.2
Crude incidence rate per 100,000	1.4	4.4
Age adjusted incidence rate per 100,000 population	1.7	5.2
Truncated rate per 100,000	3.6	11.8

Figure 23: Age specific incidence rate of Ca Gall Bladder (C23-24)

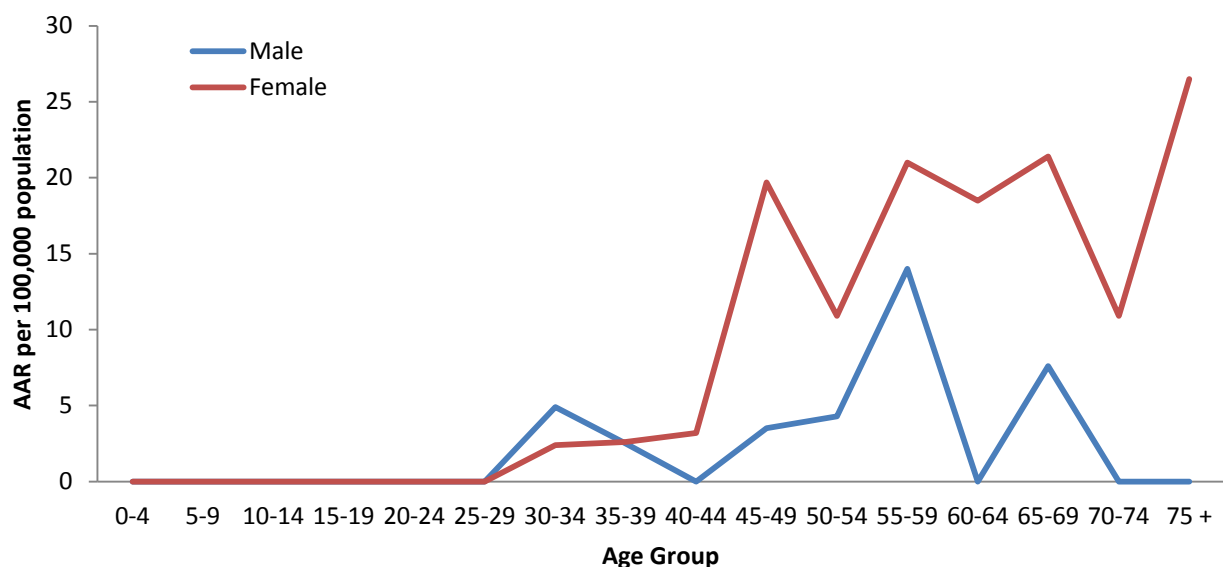
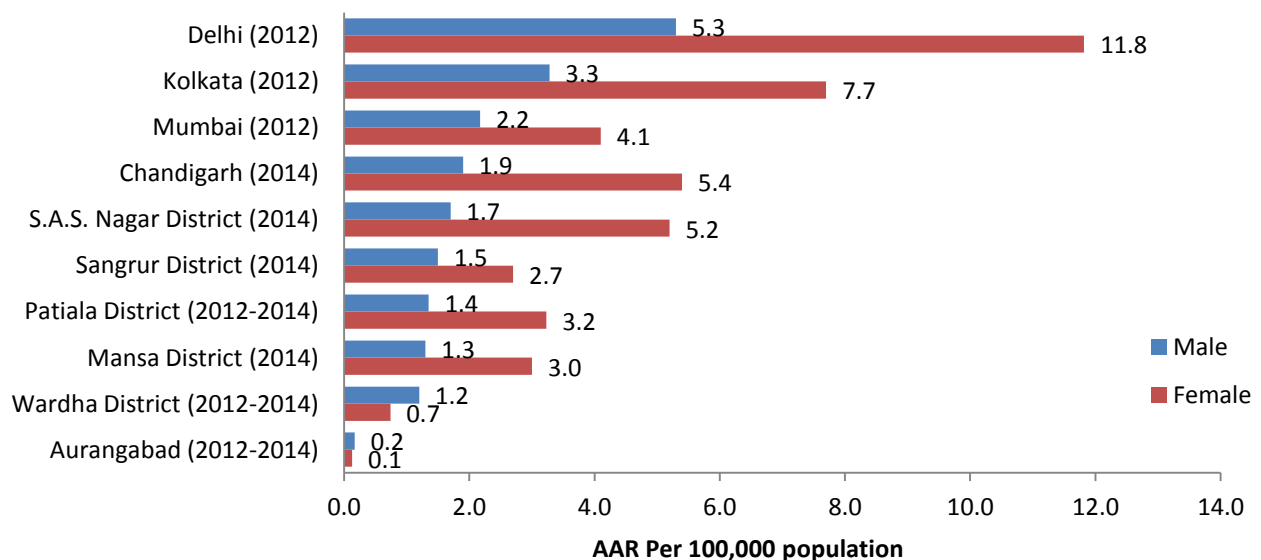


Figure 24: Comparison of Gall Bladder cancer incidence rate with other Indian registries



Cancer of Corpus Uteri (C54)

Number of cases	20
% of total cases	4.5
Crude incidence rate per 100,000	3.8
Age adjusted incidence rate per 100,000 population	4.9
Truncated rate per 100,000	11.2

Figure 25: Age specific incidence rate of Cancer Corpus Uteri (C54)

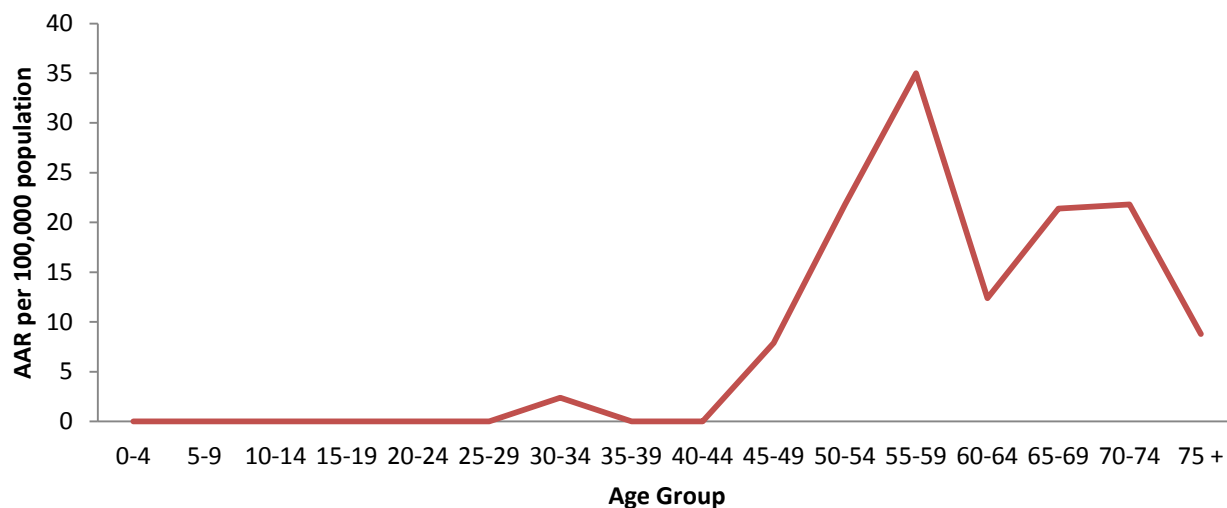
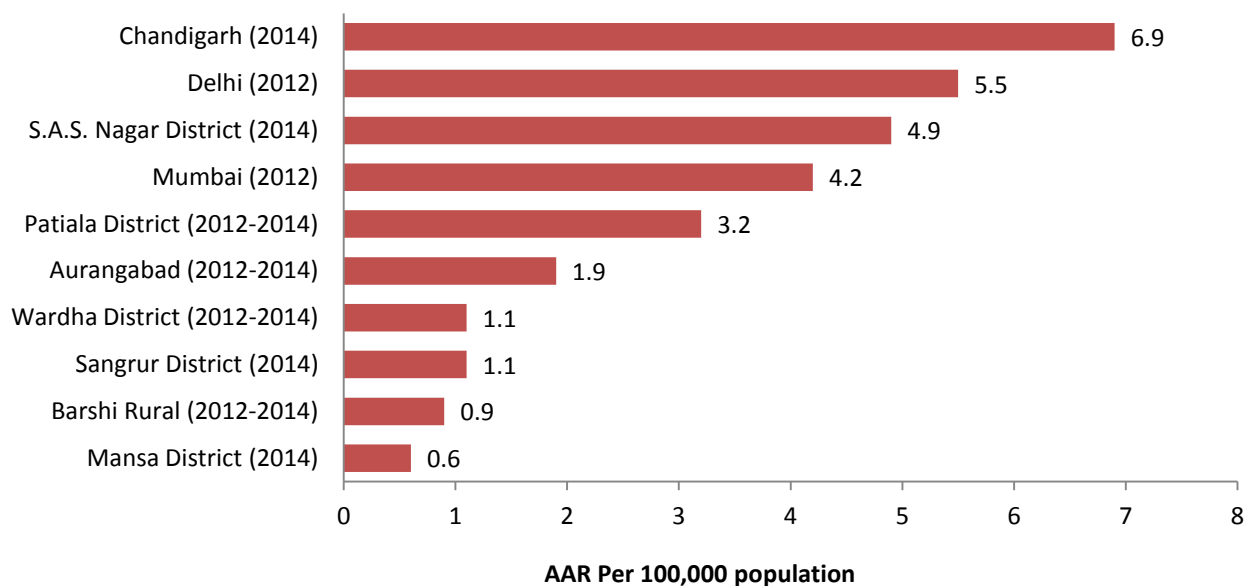


Figure 26: Comparison of Corpus Uteri cancer incidence rate with other Indian registries



Graphical Presentation

Figure 27: Age specific incidence and mortality rate – Male

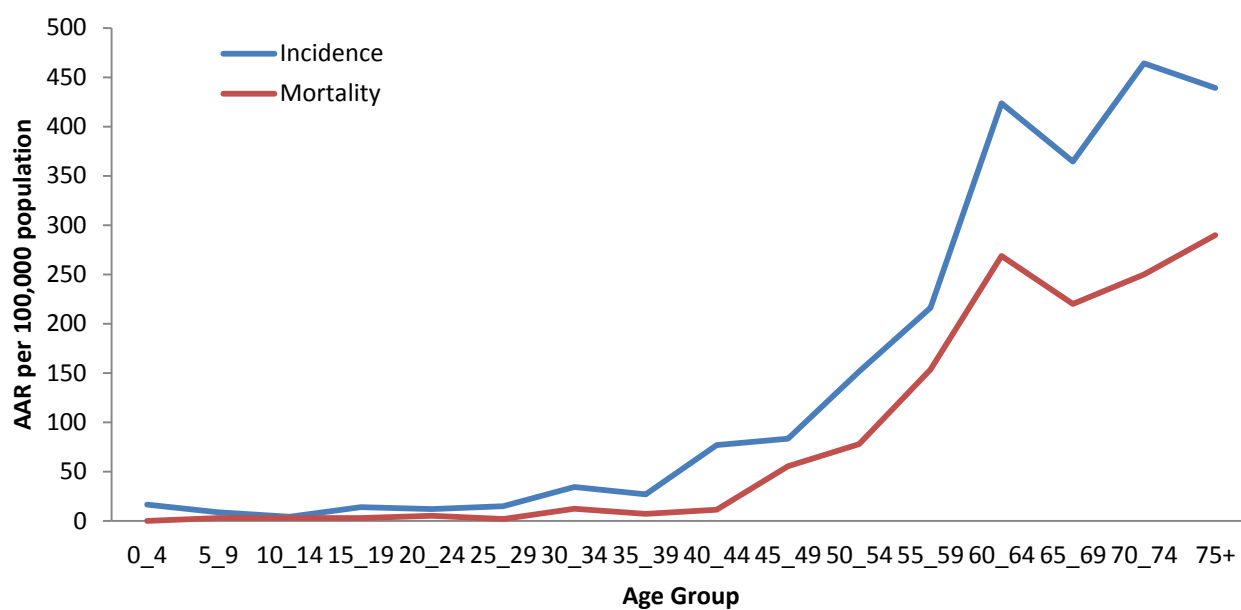
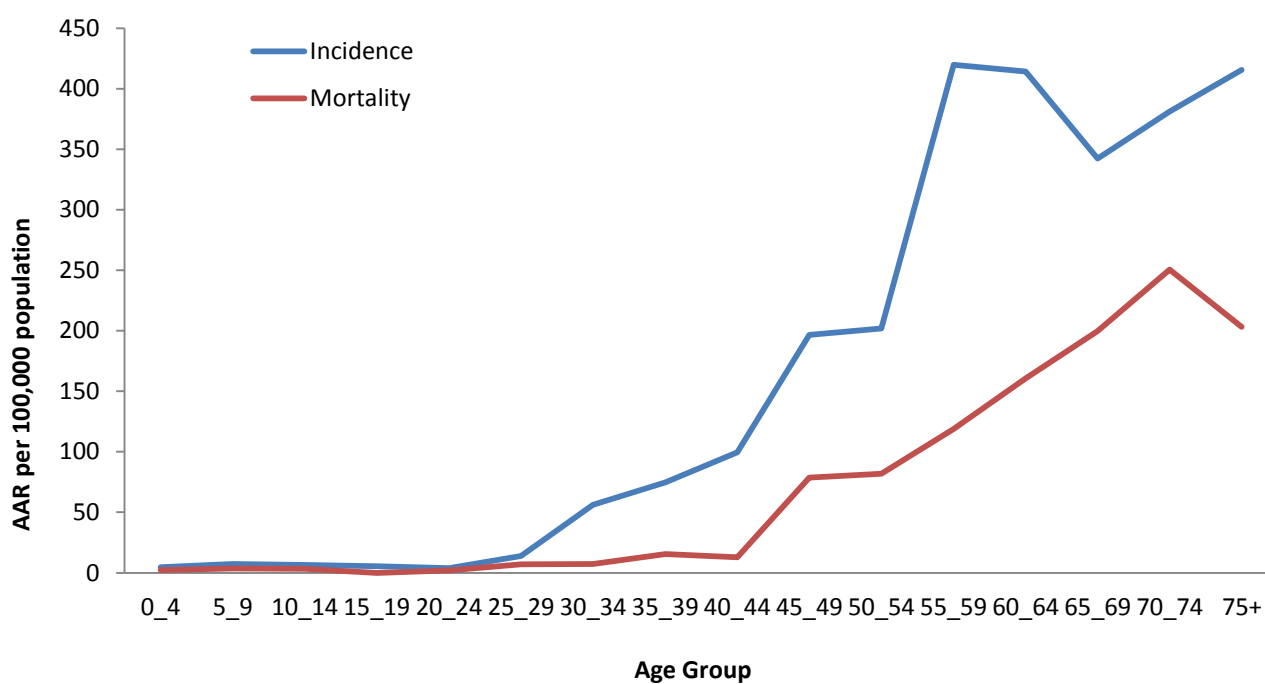


Figure 28: Age specific incidence and mortality rate – Female



Other and unspecified sites

The registry also recorded other and unspecified sites which includes

- C26- Other and ill-defined digestive organ,
- C39- Other and ill defined sites within respiratory systems and intra-thoracic organ,
- C48- Retro-peritoneum and peritoneum,
- C75- Other endocrine glands and related structures,
- C76- Other and ill defined, secondary and unspecified sites,
- C77- Secondary and unspecified malignant neoplasm of lymph node,
- C78- Secondary malignant neoplasm of respiratory and digestive organs,
- C79- Secondary malignant neoplasm of other and unspecified sites,
- C80- Malignant neoplasm without specification of site and
- C97- Malignant neoplasm of independent (primary) multiple.

25 cases (7.6%) are of others and unspecified sites in male.

The distribution is

- C80-Primary Unknown (5.1%),
- C48, C76 & C79- Other and ill defined sites (0.9%, 1.2% and 0.3%) respectively.

16 cases (3.7%) cases are of others and unspecified sites in female.

The distribution is,

- C80-Primary Unknown (3%),
- C76 & C79-Other and ill defined sites (0.5% and 0.2%) respectively

Due to availability of comprehensive and advanced cancer diagnostic and treatment facilities present in and around the district, and due to well documented hospital records, the registry recorded very few other and unspecified cancer cases which are a good indicator of an ideal cancer registry (Table 12 & 13).

Table 12: Other and unspecified cases distribution by sex

ICD	Male		Female	
	Number	%	Number	%
C48	0	0	0	0
C76	0	0	2	0.5
C 79	3	0.8	3	0.7
C80	9	2.3	11	2.5
Total	12/399	3	16/448	3

Table 13: Cancer of Other and Unspecified (C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

	Male	Female
Number of cases	12	16
% of total cases	3	3.6
Crude incidence rate per 100,000	2	3
Age adjusted incidence rate per 100,000 population	2.3	3.2
Truncated rate per 100,000	3.3	2.2

Figure 29: Age specific incidence rate of Cancer of Other and Unspecified primary sites

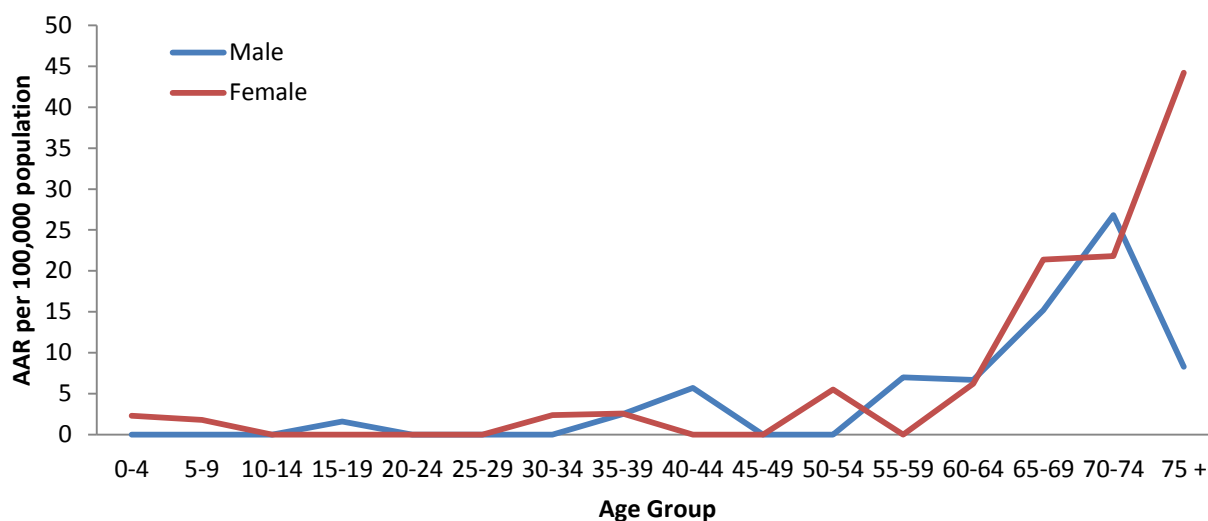
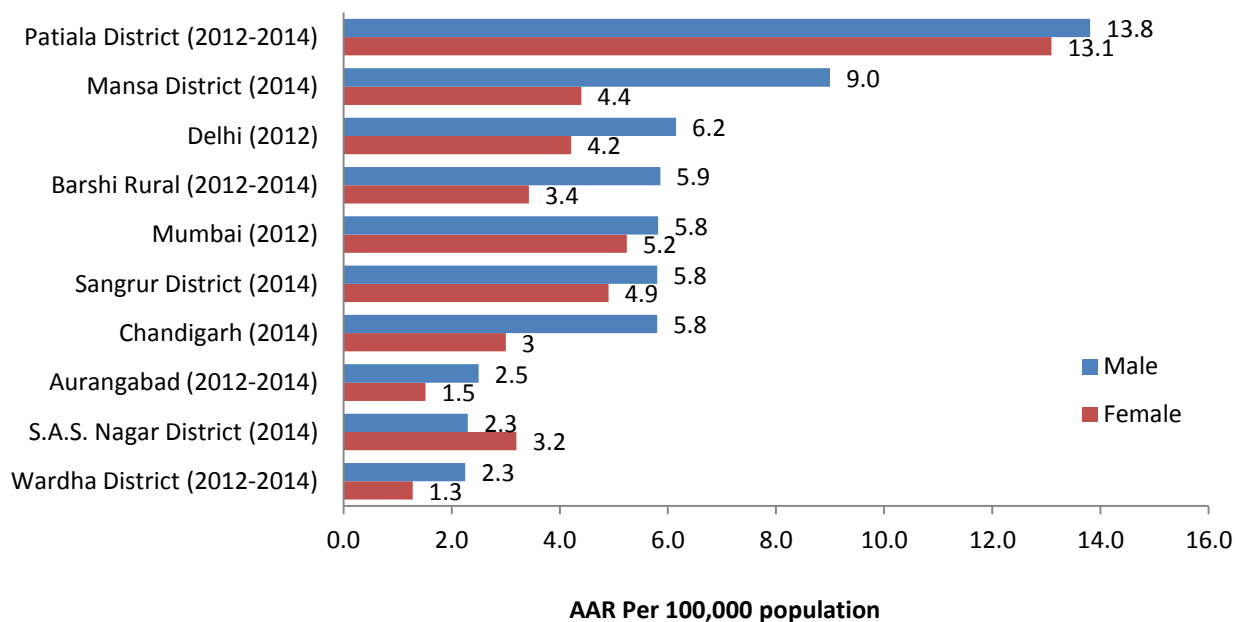


Figure 30: Comparison of Other and Unspecified cancers incidence rate with other Indian registries

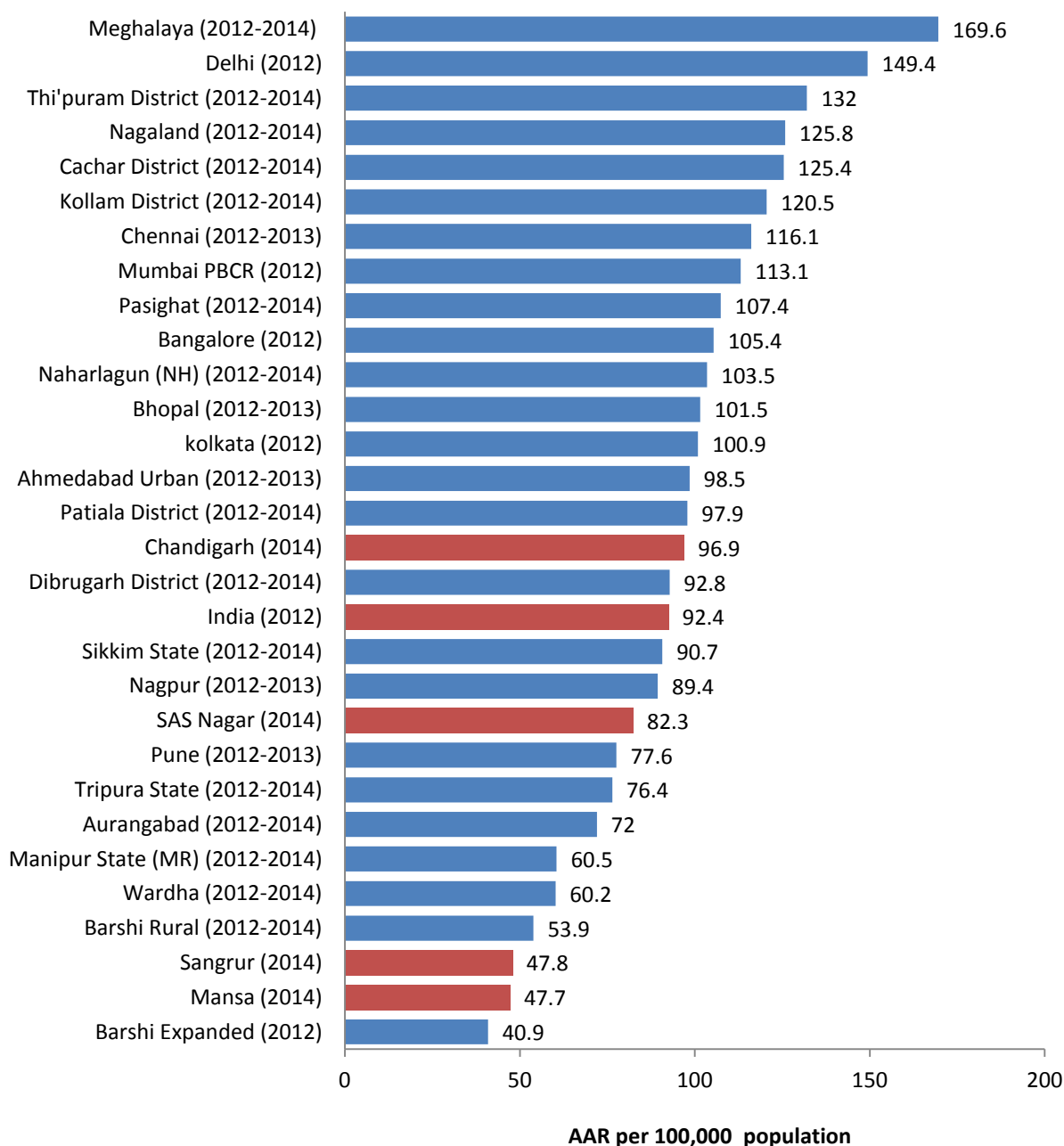


11. Comparison of cancer incidence rate with other Indian registries

Comparison of cancer incidence rate with other Indian registries

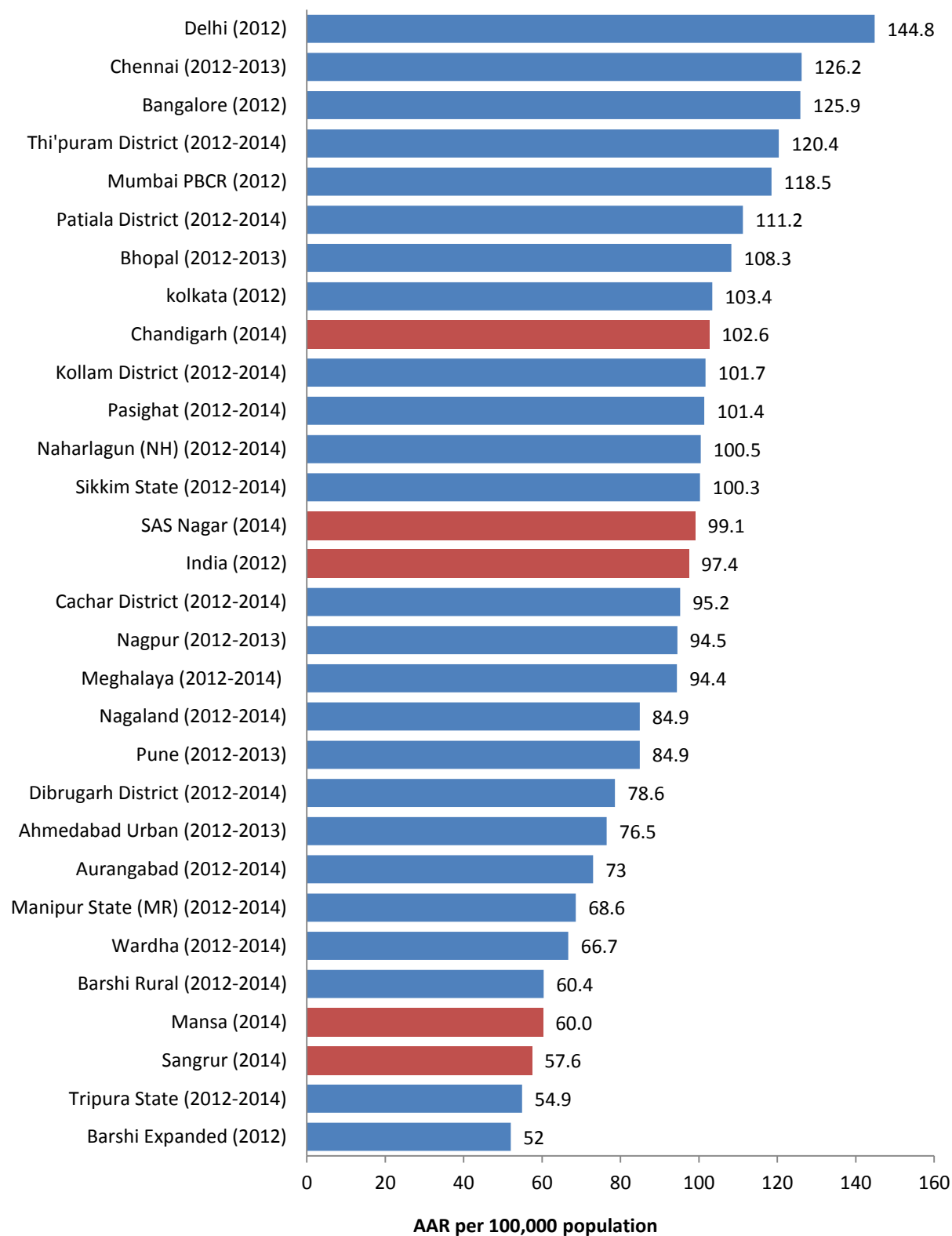
Age adjusted rate for all cancer sites for both sexes of SAS Nagar for the year 2014 is compared with the rates of other PBCRs of India (Figure 31 & 32). The AAR for males in SAS Nagar is little higher than national average and is very well lower than Delhi and Bangalore. Among females, the estimate for SAS Nagar district is very well above the national average.

Figure 31: Comparison of all cancer site AAR of SAS Nagar with other registries, India-Male



Reference : 4,5,8,9 and 10.

Figure 32: Comparison of all cancer site AAR of SAS Nagar with other registries, India-Female



Reference : 4,5,8,9 and 10.

12. Under registration / under diagnosed cases

The Truncated rate in males is reported as 143.4 per 100000 population and age adjusted rate is 82.3 per 100000 population. Most of the cases are registered in the age group of 35 to 69 and there is a declining trend in the age specific incidence rate in 70+ ages. In females, the truncated rate is 212 per 100000 population and age adjusted rate is 99.1 per 100000 population. Most of the cancer cases are registered in the age group of 35-64 and there is declining trend in the age specific incidence rate after 65 years. There may be under diagnosis in the older age group. There is also possibility that the registry under-registered pediatric cancer cases since the calculated rates are low.

13. Hurdles in establishing the urban registry

- Initially permissions letters were given to all government and private hospitals and pathology laboratories to access the data related to cancer patients. Registry staffs received good cooperation from almost all the treatment facilities except 2 path labs and 1 hospital (Chandigarh area) which refused to provide the data.
- There is lack of stability of population. Due to rapid urbanization process going on in SAS Nagar district, migration of considerable proportion of population from neighboring states is also predominantly seen. The principal criterion for the inclusion of cases in the registry is that the patient should have been residing in SAS Nagar for at least a year at the time of first diagnosis of cancer. During home visits, if the case is found to be of other state then it is not included. Therefore, the registry staffs make it possible only to include 'residents' and exclude 'non residents' from the registry data.
- Incomplete address and phone numbers on the hospital files or in pathology lab reports makes it difficult for the staffs to trace the case during home visits.
- Retention of trained staff- In the initial period, few trained registry staffs left the job in search of better job opportunities. So new staffs were appointed and again given training both at TMC, Mumbai and PGIMER, Chandigarh on various aspects of cancer registration.
- Though cancer is a notifiable disease in Punjab, information on cancer patient is obtained actively from various treatment facilities in the registry area. Home visits are done extensively to confirm all the captured cases for better cancer reporting and registration.

The registrar filled totally 1525 forms for the year 2014 and finally registered 847 cases i.e., 55.5% of the filled forms after scrutiny of all cases. There around 19.5% of duplicate forms from different sources and 9.5% belonged to other year. Around 10.4% of patients found out to be from other states who gave registry area address while admission (Table 14).

Table 14: Total work done by PBCR, SAS Nagar, Punjab.

Sr.No.	Name	Number of Cases
1	Total number of cancer cases registered	847 (55.5%)
2	Other Year	145 (9.5%)
3	Other State	158 (10.4%)
4	Duplicates	297 (19.5%)
5	Fibro adenoma, lipoma and other benign tumors	12 (0.8%)
6	Incomplete address	21 (1.4%)
7	Address not traceable	26 (1.7%)
8	Wrong Address	19 (1.2%)
Total number of forms filled		1525

14. Description of Statistical terms used

Incidence: Cancer incidence denotes new cases diagnosed in a defined population in a specified time period. For this report, all cancer cases diagnosed from 1st January 2014 to 31st December 2014 in the SAS Nagar area have been included.

Mortality: Cancer mortality is defined as the number of cancer deaths occurring in a defined population, during a particular year(s).

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.

$$CR = \frac{\text{Number of new cancer cases observed in 2014}}{\text{Estimated midyear population of the same year}} * 100000$$

This rate is crude because it relates to each population as a whole and is influenced by the age structure of each population.

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

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

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.

15. Standard Registry Tables

Table 15: Number of Incidence Cancers by Five Year Age Group and Site (ICD 10): 2014 – Males
SAS Nagar district

% = Relative Proportion of Cancers of All Sites

ICD 10	Site	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Total	(%)
C00	Lip	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	2	0.5
C01-02	Tongue	-	-	-	-	-	-	1	4	1	1	3	3	5	1	-	2	21	5.3
C03-06	Mouth	-	-	-	-	-	-	-	2	-	2	3	1	5	-	1	-	14	3.5
C07-08	Salivary glands	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	2	0.5
C09	Tonsil	-	-	-	-	-	-	-	-	-	1	-	1	2	1	-	-	5	1.3
C10	Other oropharynx	-	-	-	-	-	-	-	-	1	1	1	-	1	-	-	1	5	1.3
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.3
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	1	-	-	1	1	-	2	-	5	1.3
C14	Pharynx unspecified	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	2	0.5
C15	Oesophagus	-	-	-	-	-	-	-	-	-	3	3	3	1	4	6	5	25	6.3
C16	Stomach	-	-	-	-	-	-	-	-	-	-	2	-	1	4	1	-	8	2.0
C17	Small intestine	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	-	3	0.8
C18	Colon	-	-	-	-	-	-	-	1	2	1	-	-	-	3	-	2	9	2.3
C19-20	Rectum	-	-	-	-	-	-	1	-	1	-	-	1	1	1	2	1	8	2.0
C21	Anus	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	2	0.5
C22	Liver	-	-	-	-	1	-	-	-	-	1	1	1	6	2	4	2	18	4.6
C23-24	Gallbladder etc.	-	-	-	-	-	-	2	1	-	1	1	2	-	1	-	-	8	2.0
C25	Pancreas	-	-	-	-	-	-	-	-	1	1	-	1	2	2	2	12	10	2.5
C30-31	Nose, sinuses etc.	-	1	-	-	-	-	-	-	1	-	-	1	-	-	-	1	4	1.0
C32	Larynx	-	-	-	-	-	-	-	-	-	-	5	2	8	-	1	1	17	4.3
C33-34	Trachea, bronchus and lung	-	-	-	-	-	-	1	-	1	-	6	6	7	6	5	2	34	8.6
C37-38	Other thoracic organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	Bone	-	-	1	-	1	-	-	-	1	-	-	-	-	-	-	-	3	0.8
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other skin	-	-	-	-	-	-	-	-	1	-	-	-	1	1	-	1	4	1.0
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	Connective and soft tissue	-	-	-	-	-	-	1	1	-	-	-	1	1	-	1	-	5	1.3
C50	Breast	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	2	0.5
C60	Penis	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	3	0.8
C61	Prostate	-	-	-	-	-	-	-	-	-	-	-	1	6	5	9	16	37	9.4
C62	Testis	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	2	0.5
C63	Other male genital organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney	-	1	-	-	-	-	-	-	-	-	1	-	-	2	1	-	5	1.3
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	1	2	-	2	3	-	3	3	3	4	4	25	6.3
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0.0
C69	Eye	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.5
C70-72	Brain, nervous system	2	3	1	1	2	-	1	-	3	4	2	-	2	1	1	2	25	6.3
C73	Thyroid	-	-	-	1	-	-	3	-	-	-	-	-	-	-	-	-	4	1.0
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C75	Other endocrine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkin disease	-	-	-	2	-	1	-	-	1	-	-	-	-	-	-	-	4	1.0
C82-85,C96	Non-Hodgkin lymphoma	1	-	-	1	-	1	-	-	1	1	1	1	3	2	1	3	16	4.1
C88	Immunoproliferative diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple myeloma	-	-	-	-	-	-	-	-	-	4	-	-	3	1	5	2	15	3.8
C91	Lymphoid leukemia	2	1	1	1	1	-	1	-	-	-	1	-	1	1	1	3	14	3.5
C92-94	Myeloid leukemia	1	-	-	2	2	3	-	-	4	-	3	-	1	1	-	-	17	4.3
C95	Leukemia unspecified	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.3
O&U*	Other and unspecified	-	-	-	1	-	-	-	1	2	-	-	1	1	2	3	1	12	3.0
ALL	All sites	9	6	3	9	7	7	14	11	27	24	35	31	63	48	52	53	399	100
ALLbC44	All sites but C44	9	6	3	9	7	7	14	11	26	24	35	31	62	47	52	52	395	99

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

Table 16: Number of Incidence Cancers by Five Year Age Group and Site (ICD 10): 2014 – Females SAS Nagar district

% = Relative Proportion of Cancers of All Sites

ICD 10	Site	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Total	(%)
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	-	-	1	-	-	1	-	-	-	1	-	1	4	0.9
C03-06	Mouth	-	-	-	-	-	-	1	-	1	-	-	-	-	1	1	-	4	0.9
C07-08	Salivary glands	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	Other oropharynx	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	2	0.4
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	2	0.4
C14	Pharynx unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	-	-	-	-	-	-	-	3	1	2	3	3	6	2	4	5	29	6.5
C16	Stomach	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	3	0.7
C17	Small intestine	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	2	0.4
C18	Colon	-	-	-	-	-	-	1	-	2	-	2	2	-	1	-	1	9	2
C19-20	Rectum	-	-	-	-	-	1	-	-	-	-	-	1	1	1	-	-	4	0.9
C21	Anus	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	3	0.7
C22	Liver	-	-	-	-	-	-	-	-	-	1	1	1	3	1	1	-	8	1.8
C23-24	Gallbladder etc.	-	-	-	-	-	-	1	1	1	5	2	3	3	3	1	3	23	5.2
C25	Pancreas	-	-	-	-	-	-	-	-	-	1	-	2	1	2	3	2	11	2.5
C30-31	Nose, sinuses etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	Larynx	-	-	-	-	-	-	-	-	1	-	-	1	1	2	-	-	5	1.1
C33-34	Trachea, bronchus and lung	-	-	-	-	-	-	1	-	1	1	1	1	2	3	-	1	11	2.5
C37-38	Other thoracic organs	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.2
C40-41	Bone	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.2
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other skin	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2	3	0.7
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	Connective and soft tissue	-	-	1	-	-	-	1	1	-	1	-	-	-	1	1	1	7	1.6
C50	Breast	-	-	-	-	-	3	4	11	15	15	11	23	20	7	10	12	131	29.4
C51	Vulva	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.2
C52	Vagina	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.2
C53	Cervix uteri	-	-	-	-	-	-	3	3	2	7	5	4	8	6	1	6	45	10.1
C54	Corpus uteri	-	-	-	-	-	-	1	-	-	2	4	5	2	3	2	1	20	4.5
C55	Uterus unspecified	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	2	0.4
C56	Ovary	-	-	-	1	-	1	-	5	4	7	2	7	9	-	2	2	40	9
C57	Other female genital organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	1	-	-	-	-	1	-	1	1	-	4	0.9
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	Brain, nervous system	-	1	-	-	-	-	1	2	-	1	-	1	3	1	2	-	12	2.7
C73	Thyroid	-	-	-	-	1	1	2	1	-	-	-	-	-	-	-	-	5	1.1
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C75	Other endocrine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkin disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.2
C82-85,C96	Non-Hodgkin lymphoma	-	-	-	1	-	-	-	-	-	1	2	-	3	2	2	-	11	2.5
C88	Immunoproliferative diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple myeloma	-	-	-	-	-	-	-	-	-	2	-	1	-	2	1	-	6	1.3
C91	Lymphoid leukemia	-	2	2	1	-	-	2	-	-	-	-	1	-	-	1	-	9	2
C92-94	Myeloid leukemia	1	-	1	-	1	-	1	1	2	2	-	-	-	1	-	-	10	2.2
C95	Leukemia unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	2	0.4
O&U*	Other and unspecified	1	1	-	-	-	-	1	1	-	-	1	-	1	3	2	5	16	3.6
ALL	All sites	2	4	4	3	2	6	23	29	31	50	37	60	67	48	35	47	448	100
ALLbC44	All sites but C44	2	4	4	3	2	6	22	29	31	50	37	60	67	48	35	45	445	99.3

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

**Table 17: Average Annual Age Specific (ASR), Crude (CR), Age Adjusted (AAR) and Truncated (35-64years)
Incidence Rate per 100,000 populations in 2014, SAS Nagar district-Males**

ICD 10	All Ages	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+	Crude Rate	ASR	TR
C00	2	-	-	-	-	-	-	-	-	-	-	4.3	-	-	7.6	-	-	0.3	0.4	0.7
C01-02	21	-	-	-	-	-	-	2.5	9.8	2.9	3.5	13.0	20.9	33.6	7.6	-	16.6	3.6	4.5	12.3
C03-06	14	-	-	-	-	-	-	-	4.9	-	7.0	13.0	7.0	33.6	-	8.9	-	2.4	3.2	9.6
C07-08	2	-	-	-	-	-	-	-	-	-	-	-	-	6.7	-	-	8.3	0.3	0.4	0.9
C09	5	-	-	-	-	-	-	-	-	-	3.5	-	7.0	13.4	7.6	-	-	0.8	1.3	3.3
C10	5	-	-	-	-	-	-	-	-	2.9	3.5	4.3	-	6.7	-	-	8.3	0.8	1.0	2.8
C11	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.3	0.2	0.2	-
C12-13	5	-	-	-	-	-	-	-	-	2.9	-	-	7.0	6.7	-	17.8	-	0.8	1.1	2.3
C14	2	-	-	-	-	-	-	-	-	-	-	4.3	-	-	7.6	-	-	0.3	0.4	0.7
C15	25	-	-	-	-	-	-	-	-	-	10.4	13.0	20.9	6.7	30.4	53.5	41.4	4.2	5.2	7.7
C16	8	-	-	-	-	-	-	-	-	-	-	8.7	-	6.7	30.4	8.9	-	1.4	1.8	2.3
C17	3	-	-	-	-	-	-	-	2.5	-	-	-	-	-	15.2	-	-	0.5	0.6	0.5
C18	9	-	-	-	-	-	-	-	2.5	5.7	3.5	-	-	-	22.8	-	16.6	1.5	1.7	2.3
C19-20	8	-	-	-	-	-	-	2.5	-	2.9	-	-	7.0	6.7	7.6	17.8	8.3	1.4	1.6	2.3
C21	2	-	-	-	-	-	-	-	-	2.9	-	-	7.0	-	-	-	-	0.3	0.5	1.5
C22	18	-	-	-	-	1.7	-	-	-	-	3.5	4.3	7.0	40.3	15.2	35.7	16.6	3.0	4.0	7.5
C23-24	8	-	-	-	-	-	-	4.9	2.5	-	3.5	4.3	14.0	-	7.6	-	-	1.4	1.7	3.6
C25	10	-	-	-	-	-	-	-	-	2.9	3.5	-	7.0	13.4	15.2	17.8	8.3	1.7	2.2	3.9
C30-31	4	-	1.5	-	-	-	-	-	-	2.9	-	-	7.0	-	-	-	8.3	0.7	0.8	1.5
C32	17	-	-	-	-	-	-	-	-	-	-	21.7	14.0	53.8	-	8.9	8.3	2.9	4.1	12.2
C33-34	34	-	-	-	-	-	-	2.5	-	2.9	-	26.0	41.9	47.1	45.6	44.6	16.6	5.8	7.8	16.2
C37-38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	3	-	-	1.4	-	1.7	-	-	-	2.9	-	-	-	-	-	-	-	0.5	0.4	0.6
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	4	-	-	-	-	-	-	-	-	2.9	-	-	-	6.7	7.6	-	8.3	0.7	0.8	1.4
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	5	-	-	-	-	-	-	2.5	2.5	-	-	-	7.0	6.7	-	8.9	-	0.8	1.0	2.2
C50	2	-	-	-	-	-	-	-	-	2.9	-	-	-	-	-	-	8.3	0.3	0.3	0.6
C60	3	-	-	-	-	-	-	-	-	2.9	-	-	-	-	-	17.8	-	0.5	0.5	0.6
C61	37	-	-	-	-	-	-	-	-	-	-	-	7.0	40.3	38.0	80.3	132.5	6.3	7.3	6.1
C62	2	-	-	-	-	-	2.2	2.5	-	-	-	-	-	-	-	-	-	0.3	0.3	-
C63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	5	-	1.5	-	-	-	-	-	-	-	-	4.3	-	-	15.2	8.9	-	0.8	1.0	0.7
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	25	-	-	-	-	-	2.2	4.9	-	5.7	10.4	-	20.9	20.2	22.8	35.7	33.1	4.2	5.1	8.4
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	2	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	0.4	-
C70-72	25	3.7	4.5	1.4	1.6	3.5	-	2.5	-	8.6	13.9	8.7	-	13.4	7.6	8.9	16.6	4.2	4.6	7.5
C73	4	-	-	-	1.6	-	-	7.4	-	-	-	-	-	-	-	-	-	0.7	0.6	-
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	4	-	-	-	3.1	-	2.2	-	-	2.9	-	-	-	-	-	-	-	0.7	0.6	0.6
C82-85,C96	16	1.8	-	-	1.6	-	2.2	-	-	2.9	3.5	4.3	7.0	20.2	15.2	8.9	24.9	2.7	3.4	5.4
C88	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	15	-	-	-	-	-	-	-	-	-	13.9	-	-	20.2	7.6	44.6	16.6	2.5	3.1	5.3
C91	14	3.7	1.5	1.4	1.6	1.7	-	2.5	-	-	-	4.3	-	6.7	7.6	8.9	24.9	2.4	2.5	1.6
C92-94	17	1.8	-	-	3.1	3.5	6.5	-	-	11.4	-	13.0	-	6.7	7.6	-	-	2.9	3.1	5.2
C95	1	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.2	-
O&U*	12	-	-	-	1.6	-	-	-	2.5	5.7	-	-	7.0	6.7	15.2	26.8	8.3	2.0	2.3	3.3
ALL	399	16.6	9.0	4.3	14.2	12.2	15.1	34.4	27.0	77.1	83.5	151.8	216.4	423.5	364.5	464.1	439.1	67.5	82.3	143.4
ALLbC44	395	16.6	9.0	4.3	14.2	12.2	15.1	34.4	27.0	74.3	83.5	151.8	216.4	416.8	357.0	464.1	430.8	66.8	81.4	141.9

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

**Table 18: Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) and Truncated (35-64years)
Incidence Rate per 100,000 populations in 2014, SAS Nagar district-Females**

ICD 10	All Ages	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+	Crude Rate	ASR	TR
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	4	-	-	-	-	-	-	2.4	-	-	3.9	-	-	-	7.1	-	8.8	0.8	0.8	0.8
C03-06	4	-	-	-	-	-	-	2.4	-	3.2	-	-	-	-	7.1	10.9	-	0.8	0.8	0.6
C07-08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	2	-	-	-	-	-	-	-	-	-	-	-	7.0	-	-	-	8.8	0.4	0.5	0.9
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	2	-	-	-	-	-	-	-	-	-	-	-	-	6.2	-	-	8.8	0.4	0.4	0.8
C14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	29	-	-	-	-	-	-	-	7.7	3.2	7.9	16.4	21.0	37.1	14.3	43.6	44.2	5.5	6.5	13.8
C16	3	-	-	-	-	-	-	-	-	3.2	3.9	5.5	-	-	-	-	-	0.6	0.7	2.3
C17	2	-	-	-	-	-	-	-	-	-	-	-	7.0	-	-	-	-	0.4	0.5	1.7
C18	9	-	-	-	-	-	-	2.4	-	6.4	-	10.9	14.0	-	7.1	-	8.8	1.7	2.0	4.8
C19-20	4	-	-	-	-	-	2.3	-	-	-	-	-	7.0	6.2	7.1	-	-	0.8	0.9	1.7
C21	3	-	-	-	-	-	-	-	-	-	-	-	-	6.2	7.1	-	8.8	0.6	0.6	0.8
C22	8	-	-	-	-	-	-	-	-	-	3.9	5.5	7.0	18.5	7.1	10.9	-	1.5	2.0	4.9
C23-24	23	-	-	-	-	-	-	2.4	2.6	3.2	19.7	10.9	21.0	18.5	21.4	10.9	26.5	4.4	5.2	11.8
C25	11	-	-	-	-	-	-	-	-	-	3.9	-	14.0	6.2	14.3	32.7	17.7	2.1	2.5	3.4
C30-31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	5	-	-	-	-	-	-	-	-	3.2	-	-	7.0	6.2	14.3	-	-	0.9	1.1	2.3
C33-34	11	-	-	-	-	-	-	2.4	-	3.2	3.9	5.5	7.0	12.4	21.4	-	8.8	2.1	2.4	4.8
C37-38	1	-	-	-	-	-	-	-	-	-	-	5.5	-	-	-	-	-	0.2	0.3	0.9
C40-41	1	-	-	-	-	-	-	-	-	-	-	-	7.0	-	-	-	-	0.2	0.3	0.9
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	3	-	-	-	-	-	-	2.4	-	-	-	-	-	-	-	-	17.7	0.6	0.5	-
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	7	-	-	1.6	-	-	-	2.4	2.6	-	3.9	-	-	-	7.1	10.9	8.8	1.3	1.3	1.3
C50	131	-	-	-	-	-	6.9	9.8	28.4	48.2	59.0	60.1	160.9	123.7	49.9	108.9	106.1	24.8	29.5	72.6
C51	1	-	-	-	-	-	-	-	-	-	-	-	-	-	7.1	-	-	0.2	0.2	-
C52	1	-	-	-	-	-	-	-	-	-	-	-	-	6.2	-	-	-	0.2	0.2	0.8
C53	45	-	-	-	-	-	-	7.3	7.7	6.4	27.5	27.3	28.0	49.5	42.8	10.9	53.0	8.5	10.0	22.5
C54	20	-	-	-	-	-	-	2.4	-	-	7.9	21.8	35.0	12.4	21.4	21.8	8.8	3.8	4.9	11.2
C55	2	-	-	-	-	-	-	-	-	-	-	5.5	-	-	7.1	-	-	0.4	0.5	0.9
C56	40	-	-	-	1.8	-	2.3	-	12.9	12.9	27.5	10.9	49.0	55.6	-	21.8	17.7	7.6	9.1	25.6
C57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	4	-	-	-	-	-	-	2.4	-	-	-	-	7.0	-	7.1	10.9	-	0.8	0.9	0.9
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	12	-	1.8	-	-	-	-	2.4	5.2	-	3.9	-	7.0	18.5	7.1	21.8	-	2.3	2.5	5.1
C73	5	-	-	-	-	2.0	2.3	4.9	2.6	-	-	-	-	-	-	-	-	0.9	0.8	0.5
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.8	0.2	0.2	-
C82-85,C96	11	-	-	-	1.8	-	-	-	-	-	3.9	10.9	-	18.5	14.3	21.8	-	2.1	2.6	4.9
C88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	6	-	-	-	-	-	-	-	-	-	7.9	-	7.0	-	14.3	10.9	-	1.1	1.4	2.4
C91	9	-	3.6	3.3	1.8	-	-	4.9	-	-	-	-	7.0	-	-	10.9	-	1.7	1.6	0.9
C92-94	10	2.3	-	1.6	-	2.0	-	2.4	2.6	6.4	7.9	-	-	-	7.1	-	-	1.9	2.0	3.3
C95	2	-	-	-	-	-	-	-	-	-	-	-	-	-	7.1	-	8.8	0.4	0.4	-
O&U*	16	2.3	1.8	-	-	-	-	2.4	2.6	-	-	5.5	-	6.2	21.4	21.8	44.2	3.0	3.2	2.2
ALL	448	4.6	7.2	6.6	5.5	4.0	13.8	56.2	74.8	99.7	196.5	202.0	419.7	414.3	342.3	381.2	415.4	84.9	99.1	212
ALLbC44	445	4.6	7.2	6.6	5.5	4.0	13.8	53.8	74.8	99.7	196.5	202.0	419.7	414.3	342.3	381.2	397.7	84.3	98.6	212

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

**Table 19: Cumulative rate (Cu. Rate %) & Cumulative risk (Cu.Risk) of individual (ICD 10) based on age specific rates
(from 0-64 years and 0-74 years) 2014, SAS Nagar district: Male**

ICD 10	Site	0-64 Years		0-74 Years	
		Cu Rate %	Cu. Risk %	Cu Rate %	Cu. Risk %
C00	Lip	-	-	0.001	0.001
C01-02	Tongue	0.004	0.004	0.005	0.005
C03-06	Mouth	0.003	0.003	0.004	0.004
C07-08	Salivary glands	-	-	-	-
C09	Tonsil	0.001	0.001	0.002	0.002
C10	Other oropharynx	0.001	0.001	0.001	0.001
C11	Nasopharynx	-	-	-	-
C12-13	Hypopharynx	0.001	0.001	0.002	0.002
C14	Pharynx unspecified	-	-	0.001	0.001
C15	Oesophagus	0.003	0.003	0.007	0.007
C16	Stomach	0.001	0.001	0.003	0.003
C17	Small intestine	-	-	0.001	0.001
C18	Colon	0.001	0.001	0.002	0.002
C19-20	Rectum	0.001	0.001	0.002	0.002
C21	Anus	-	-	-	-
C22	Liver	0.003	0.003	0.005	0.005
C23-24	Gallbladder etc.	0.001	0.001	0.002	0.002
C25	Pancreas	0.001	0.001	0.003	0.003
C30-31	Nose, sinuses etc.	0.001	0.001	0.001	0.001
C32	Larynx	0.008	0.008	0.005	0.005
C33-34	Trachea, bronchus and lung	0.006	0.006	0.011	0.011
C37-38	Other thoracic organs	-	-	-	-
C40-41	Bone	-	-	-	-
C43	Melanoma of skin	-	-	-	-
C44	Other skin	-	-	0.001	0.001
C45	Mesothelioma	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-
C47,C49	Connective and soft tissue	0.001	0.001	0.001	0.001
C50	Breast	-	-	-	-
C60	Penis	-	-	0.001	0.001
C61	Prostate	0.002	0.002	0.008	0.008
C62	Testis	-	-	-	-
C63	Other male genital organs	-	-	-	-
C64	Kidney	-	-	0.001	0.001
C65	Renal pelvis	-	-	-	-
C66	Ureter	-	-	-	-
C67	Bladder	0.003	0.003	0.006	0.006
C68	Other urinary organs	-	-	-	-
C69	Eye	-	-	-	-
C70-72	Brain, nervous system	0.003	0.003	0.004	0.004
C73	Thyroid	-	-	-	-
C74	Adrenal gland	-	-	-	-
C75	Other endocrine	-	-	-	-
C81	Hodgkin disease	-	-	-	-
C82-85,C96	Non-Hodgkin lymphoma	0.002	0.002	0.003	0.003
C88	Immunoproliferative diseases	-	-	-	-
C90	Multiple myeloma	0.002	0.002	0.004	0.004
C91	Lymphoid leukemia	0.001	0.001	0.002	0.002
C92-94	Myeloid leukemia	0.002	0.002	0.003	0.003
C95	Leukemia unspecified	-	-	-	-
O&U*	Other and unspecified	0.001	0.001	0.003	0.003
ALL	All sites	0.054	0.054	0.096	0.096
ALLbC44	All sites but C44	0.054	0.054	0.095	0.095

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

Table 20: Cumulative rate (Cu. Rate %) & Cumulative risk (Cu.Risk) of individual (ICD 10) based on age specific rates (from 0-64 years and 0-74 years) 2014, SAS Nagar district: Female

ICD 10	Site	0-64 years		0-74 years	
		Cu. Rate %	Cu. Risk%	Cu. Rate %	Cu. Risk%
C00	Lip	-	-	-	-
C01-02	Tongue	-	-	0.001	0.001
C03-06	Mouth	-	-	0.001	0.001
C07-08	Salivary glands	-	-	-	-
C09	Tonsil	-	-	-	-
C10	Other oropharynx	-	-	-	-
C11	Nasopharynx	-	-	-	-
C12-13	Hypopharynx	-	-	-	-
C14	Pharynx unspecified	-	-	-	-
C15	Oesophagus	0.005	0.005	0.008	0.008
C16	Stomach	0.001	0.001	0.001	0.001
C17	Small intestine	0.001	0.001	0.001	0.001
C18	Colon	0.002	0.002	0.002	0.002
C19-20	Rectum	0.001	0.001	0.001	0.001
C21	Anus	-	-	0.001	0.001
C22	Liver	0.002	0.002	0.003	0.003
C23-24	Gallbladder etc.	0.004	0.004	0.006	0.006
C25	Pancreas	0.001	0.001	0.004	0.004
C30-31	Nose, sinuses etc.	-	-	-	-
C32	Larynx	0.001	0.001	0.002	0.002
C33-34	Trachea, bronchus and lung	0.002	0.002	0.003	0.003
C37-38	Other thoracic organs	-	-	-	-
C40-41	Bone	-	-	-	-
C43	Melanoma of skin	-	-	-	-
C44	Other skin	-	-	-	-
C45	Mesothelioma	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-
C47,C49	Connective and soft tissue	0.001	0.001	0.001	0.001
C50	Breast	0.025	0.025	0.033	0.033
C51	Vulva	-	-	-	-
C52	Vagina	-	-	-	-
C53	Cervix uteri	0.008	0.008	0.010	0.010
C54	Corpus uteri	0.004	0.004	0.006	0.006
C55	Uterus unspecified	-	-	0.001	0.001
C56	Ovary	0.009	0.009	0.010	0.010
C57	Other female genital organs	-	-	-	-
C58	Placenta	-	-	-	-
C64	Kidney	-	-	-	-
C65	Renal pelvis	-	-	-	-
C66	Ureter	-	-	-	-
C67	Bladder	-	-	0.001	0.001
C68	Other urinary organs	-	-	-	-
C69	Eye	-	-	-	-
C70-72	Brain, nervous system	0.002	0.002	0.003	0.003
C73	Thyroid	0.001	0.001	0.001	0.001
C74	Adrenal gland	-	-	-	-
C75	Other endocrine	-	-	-	-
C81	Hodgkin disease	-	-	-	-
C82-85,C96	Non-Hodgkin lymphoma	0.002	0.002	0.004	0.004
C88	Immunoproliferative diseases	-	-	-	-
C90	Multiple myeloma	0.001	0.001	0.002	0.002
C91	Lymphoid leukemia	0.001	0.001	0.002	0.002
C92-94	Myeloid leukemia	0.001	0.001	0.002	0.002
C95	Leukemia unspecified	-	-	-	-
O&U	Other and unspecified	0.001	0.001	0.003	0.003
ALL	All sites	0.075	0.075	0.111	0.111
ALLbC44	All sites but C44	0.075	0.075	0.111	0.111

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

Table 21: Incidence cancer case distribution based on method of diagnosis in 2014, SAS Nagar-Male

ICD 10	Site	Radiology		Endoscopy		Microscopic		Other		Total	
		#	%	#	%	#	%	#	%	#	%
C00	Lip	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	17	94.4	1	5.6	18	5.4
C03-06	Mouth	-	-	-	-	11	100	-	-	11	3.3
C07-08	Salivary glands	-	-	-	-	3	100	-	-	3	0.9
C09	Tonsil	-	-	-	-	7	-	-	-	7	2.1
C10	Other oropharynx	-	-	-	-	-	-	-	-	-	-
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	-	-	-	-	6	100.0	-	-	6	1.8
C14	Pharynx unspecified	1	50.0	-	-	1	50.0	-	-	2	0.6
C15	Oesophagus	-	-	1	4.0	20	80.0	4	16.0	25	7.5
C16	Stomach	-	-	-	-	13	100.0	-	-	13	3.9
C17	Small intestine	-	-	-	-	5	100.0	-	-	5	1.5
C18	Colon	-	-	-	-	10	100.0	-	-	10	3.0
C19-20	Rectum	-	-	-	-	8	88.9	1	11.1	9	2.7
C21	Anus	-	-	-	-	6	100	-	-	6	1.8
C22	Liver	1	7.7	2	15.4	8	61.5	2	15.4	13	3.9
C23-24	Gallbladder etc.	-	-	-	-	8	100.0	-	-	8	2.4
C25	Pancreas	1	10.0	-	-	9	90.0	-	-	10	3.0
C30-31	Nose, sinuses etc.	-	-	-	-	-	-	-	-	-	-
C32	Larynx	-	-	-	-	20	100.0	-	-	20	6.0
C33-34	Trachea, bronchus and lung	-	-	1	3.1	31	96.9	-	-	32	9.6
C37-38	Other thoracic organs	-	-	-	-	-	-	-	-	-	-
C40-41	Bone	-	-	-	-	4	100.0	-	-	4	1.2
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-
C44	Other skin	-	-	-	-	3	100.0	-	-	3	0.9
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-
C47,C49	Connective and soft tissue	-	-	-	-	3	100.0	-	-	3	0.9
C50	Breast	-	-	-	-	-	-	-	-	-	-
C60	Penis	-	-	-	-	-	-	-	-	-	-
C61	Prostate	-	-	-	-	28	96.6	1	3.4	29	8.7
C62	Testis	-	-	-	-	3	100.0	-	-	3	0.9
C63	Other male genital organs	-	-	-	-	-	-	-	-	-	-
C64	Kidney	1	20.0	-	-	4	80.0	-	-	5	1.5
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	15	100.0	-	-	15	4.5
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-
C69	Eye	1	100	-	-	-	-	-	-	1	0.3
C70-72	Brain, nervous system	2	18.2	-	-	8	72.7	1	9.1	11	3.3
C73	Thyroid	-	-	-	-	1	100.0	-	-	1	0.3
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-
C75	Other endocrine	-	-	-	-	-	-	-	-	-	-
C81	Hodgkin disease	-	-	-	-	4	100.0	-	-	4	1.2
C82-85,C96	Non-Hodgkin lymphoma	-	-	-	-	10	100.0	-	-	10	3.0
C88	Immunoproliferative diseases	-	-	-	-	-	-	-	-	-	-
C90	Multiple myeloma	-	-	-	-	6	100.0	-	-	6	1.8
C91	Lymphoid leukemia	-	-	-	-	5	100.0	-	-	5	1.5
C92-94	Myeloid leukemia	-	-	-	-	9	100.0	-	-	9	2.7
C95	Leukemia unspecified	-	-	-	-	1	100.0	-	-	1	0.3
MPD	Myeloproliferative disorders	-	-	-	-	-	-	-	-	-	-
MDS	Myelodysplastic syndromes	-	-	-	-	1	100.0	-	-	1	0.3
O & U*	Other and unspecified	-	-	-	-	18	72.0	7	28.0	25	7.5
ALL	All sites	7	2.1	4	1.2	306	91.6	17	5.1	334	100

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

Table 22: Incidence cancer case distribution based on method of diagnosis in 2014, SAS Nagar-Female

ICD 10	Site	Radiology		Endoscopy		Microscopic		Death Certificate/ Other**		Total	
		#	%	#	%	#	%	#	%	#	%
C00	Lip	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	4	100.0	-	-	4	0.9
C03-06	Mouth	-	-	-	-	4	100.0	-	-	4	0.9
C07-08	Salivary glands	-	-	-	-	-	-	-	-	-	-
C09	Tonsil	-	-	-	-	-	-	-	-	-	-
C10	Other oropharynx	-	-	-	-	2	100.0	-	-	2	0.4
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	-	-	-	-	2	100.0	-	-	2	0.4
C14	Pharynx unspecified	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	-	-	-	-	27	93.1	2	6.9	29	6.5
C16	Stomach	-	-	-	-	3	100.0	-	-	3	0.7
C17	Small intestine	-	-	-	-	2	100.0	-	-	2	0.4
C18	Colon	-	-	-	-	9	100.0	-	-	9	2.0
C19-20	Rectum	-	-	-	-	4	100.0	-	-	4	0.9
C21	Anus	-	-	-	-	3	100.0	-	-	3	0.7
C22	Liver	1	12.5	-	-	6	75.0	1	12.5	8	1.8
C23-24	Gallbladder etc.	3	13.0	-	-	20	87.0	-	-	23	5.2
C25	Pancreas	-	-	-	-	11	100.0	-	-	11	2.5
C30-31	Nose, sinuses etc.	-	-	-	-	-	-	-	-	-	-
C32	Larynx	-	-	-	-	5	100.0	-	-	5	1.1
C33-34	Trachea, bronchus and lung	-	-	-	-	10	90.9	1	9.1	11	2.5
C37-38	Other thoracic organs	-	-	-	-	1	100.0	-	-	1	0.2
C40-41	Bone	-	-	-	-	-	-	1	100.0	1	0.2
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-
C44	Other skin	-	-	-	-	3	100.0	-	-	3	0.7
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-
C47,C49	Connective and soft tissue	-	-	-	-	7	100.0	-	-	7	1.6
C50	Breast	-	-	-	-	131	100.0	-	-	131	29.4
C51	Vulva	-	-	-	-	1	100.0	-	-	1	0.2
C52	Vagina	-	-	-	-	1	100.0	-	-	1	0.2
C53	Cervix uteri	-	-	-	-	44	97.8	1	2.2	45	10.1
C54	Corpus uteri	-	-	-	-	18	90.0	2	10.0	20	4.5
C55	Uterus unspecified	-	-	-	-	2	100.0	-	-	2	0.4
C56	Ovary	1	2.5	-	-	39	97.5	-	-	40	9.0
C57	Other female genital organs	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	-	-	-	-	-	-
C64	Kidney	-	-	-	-	-	-	-	-	-	-
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	4	100.0	-	-	4	0.9
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	-	-	-	-	-	-
C70-72	Brain, nervous system	1	8.3	-	-	11	91.7	-	-	12	2.7
C73	Thyroid	-	-	-	-	5	100.0	-	-	5	1.1
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-
C75	Other endocrine	-	-	-	-	-	-	-	-	-	-
C81	Hodgkin disease	-	-	-	-	1	100.0	-	-	1	0.2
C82-85,C96	Non-Hodgkin lymphoma	1	9.1	-	-	10	90.9	-	-	11	2.5
C88	Immunoproliferative diseases	-	-	-	-	-	-	-	-	-	-
C90	Multiple myeloma	-	-	-	-	6	100.0	-	-	6	1.3
C91	Lymphoid leukemia	-	-	-	-	9	100.0	-	-	9	2.0
C92-94	Myeloid leukemia	-	-	-	-	10	100.0	-	-	10	2.2
C95	Leukemia unspecified	-	-	-	-	2	100.0	-	-	2	0.4
MPD	Myeloproliferative disorders	-	-	-	-	-	-	-	-	-	-
MDS	Myelodysplastic syndromes	-	-	-	-	-	-	-	-	-	-
O&U*	Other and unspecified	-	-	-	-	8	50.0	8	50.0	16	3.6
ALL	All sites	7	1.6	-	-	425	94.9	16	3.6	448	100

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

Table 23: Age group wise distribution of cancer mortality cases in 2014, SAS Nagar-Male

ICD 10	Site	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Total	(%)
C00	Lip	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	2	1
C01-02	Tongue	-	-	-	-	-	-	-	-	-	1	-	1	1	3	1	1	8	3.8
C03-06	Mouth	-	-	-	-	-	-	-	-	-	1	1	2	2	-	-	-	6	2.9
C07-08	Salivary glands	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.5
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-	4	1.9
C10	Other oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	2	1
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14	Pharynx unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	-	-	-	-	-	-	-	-	-	2	2	2	4	2	7	7	26	12.4
C16	Stomach	-	-	-	-	-	-	1	-	-	1	2	1	2	2	-	-	9	4.3
C17	Small intestine	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	2	1
C18	Colon	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	2	5	2.4
C19-20	Rectum	-	-	-	-	-	-	2	1	-	-	-	2	1	2	-	-	8	3.8
C21	Anus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1
C22	Liver	-	-	-	-	-	-	-	-	-	1	-	1	6	4	4	3	19	9
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	-	-	1	-	-	1	2	-	-	4	1.9
C25	Pancreas	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	1	5	2.4
C30-31	Nose, sinuses etc.	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	0.5
C32	Larynx	-	-	-	-	-	-	-	-	-	-	1	2	5	1	-	-	9	4.3
C33-34	Trachea, bronchus and lung	-	-	-	-	-	-	-	1	1	-	2	4	5	2	3	4	22	10.5
C37-38	Other thoracic organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	Bone	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	0.5
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.5
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	Connective and soft tissue	-	-	-	-	1	-	1	-	-	-	-	-	1	-	-	-	3	1.4
C50	Breast	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C60	Penis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.5
C61	Prostate	-	-	-	-	-	-	-	-	-	1	-	-	3	3	3	4	14	6.7
C62	Testis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C63	Other male genital organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney	-	-	-	-	-	-	-	-	-	2	2	2	-	-	-	-	6	2.9
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2	3	1.4
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	Brain, nervous system	-	1	-	-	-	1	-	-	-	1	1	1	1	1	1	2	10	4.8
C73	Thyroid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C75	Other endocrine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkin disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C82-85,C96	Non-Hodgkin lymphoma	-	-	-	-	1	-	-	-	1	-	1	-	-	2	1	1	7	3
C88	Immunoproliferative diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple myeloma	-	-	-	-	-	-	-	-	-	2	-	-	-	-	1	2	5	2.4
C91	Lymphoid leukemia	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	3	1.4
C92-94	Myeloid leukemia	-	-	1	1	-	-	-	-	1	-	1	-	-	-	-	-	4	1.9
C95	Leukemia unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MPD	Myeloproliferative disorders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MDS	Myelodysplastic syndromes	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.5
O&U*	Other and unspecified	-	-	-	1	-	-	1	-	-	1	3	1	3	1	2	4	17	8.1
ALL	All sites	0	2	2	2	3	1	5	3	4	16	18	22	40	29	28	35	210	100
ALLbc44	All sites but C44	0	2	2	2	3	1	5	3	4	16	18	22	40	29	28	34	209	99.5

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

Table 24: Age group wise distribution of cancer mortality cases in 2014, SAS Nagar -Female

ICD 10	Site	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	Total	(%)
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.6
C03-06	Mouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.6
C07-08	Salivary glands	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.6
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	Other oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.6
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14	Pharynx unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	-	-	-	-	-	-	1	-	-	1	1	3	1	-	4	3	14	8
C16	Stomach	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-	-	4	2.3
C17	Small intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	2	5	2.9
C19-20	Rectum	-	-	-	-	-	1	-	-	-	-	-	-	2	1	-	-	4	2.3
C21	Anus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.6
C22	Liver	-	-	-	-	-	-	-	-	-	1	2	1	2	3	1	-	10	5.7
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	-	-	3	2	2	-	2	-	2	11	6.3
C25	Pancreas	-	-	-	-	-	-	-	-	-	-	-	1	-	2	2	1	6	3.4
C30-31	Nose, sinuses etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	Larynx	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.6
C33-34	Trachea, bronchus and lung	-	-	-	-	-	-	-	1	-	-	-	-	4	4	-	1	10	5.7
C37-38	Other thoracic organs	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.6
C40-41	Bone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	Connective and soft tissue	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	2	1.1
C50	Breast	-	-	-	-	-	1	-	2	4	2	2	2	5	2	4	4	28	16.1
C51	Vulva	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C52	Vagina	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C53	Cervix uteri	-	-	-	-	-	-	-	-	-	2	1	1	4	1	2	3	14	8
C54	Corpus uteri	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	1	5	2.9
C55	Uterus unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C56	Ovary	-	-	-	-	-	1	-	-	-	4	-	1	2	2	1	-	11	6.3
C57	Other female genital organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	Brain, nervous system	-	-	-	-	-	-	1	-	-	-	-	-	3	2	1	-	7	4
C73	Thyroid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C75	Other endocrine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkin disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C82-85,C96	Non-Hodgkin lymphoma	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	-	5	2.9
C88	Immunoproliferative diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple myeloma	-	-	-	-	-	-	-	1	-	1	-	-	-	1	-	-	3	1.7
C91	Lymphoid leukemia	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1.7
C92-94	Myeloid leukemia	1	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	3	1.7
C95	Leukemia unspecified	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	3	1.7
MPD	Myeloproliferative disorders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MDS	Myelodysplastic syndromes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U*	Other and unspecified	-	1	-	-	-	-	1	2	-	2	2	1	-	3	3	4	19	10.9
ALL	All sites	1	2	2	0	1	3	3	6	4	20	15	17	26	28	23	23	174	100
ALLbC44	All sites but C44	1	2	2	0	1	3	3	6	4	20	15	17	26	28	23	23	174	100

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

**Table 25: Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) and Truncated (35-65 years) (TR)
Mortality Rate per 100,000 population: 2014, SAS Nagar –Male**

ICD 10	All Ages	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+	Crude Rate	ASR	TR
C00	2	-	-	-	-	-	-	-	-	-	-	4.3	-	6.7	-	-	-	0.3	0.5	1.6
C01-02	8	-	-	-	-	-	-	-	-	-	3.5	-	7.0	6.7	22.8	8.9	8.3	1.4	1.8	2.4
C03-06	6	-	-	-	-	-	-	-	-	-	3.5	4.3	12.0	13.5	-	-	-	1.0	1.5	4.9
C07-08	1	-	-	-	-	-	-	-	-	-	-	-	-	-	7.6	-	-	0.2	0.2	-
C09	4	-	-	-	-	-	-	-	-	-	-	4.3	7.0	13.5	-	-	-	0.7	1	3.3
C10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	2	-	-	-	-	-	-	-	-	-	-	-	7.0	-	-	8.9	-	0.3	0.5	0.9
C12-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	26	-	-	-	-	-	-	-	-	-	7.0	8.7	12.0	26.9	15.2	62.5	56.0	4.4	5.4	8.0
C16	9	-	-	-	-	-	-	2.5	-	-	3.7	8.7	7.0	13.5	15.2	-	-	1.5	2.1	4.7
C17	2	-	-	-	-	-	-	-	2.5	-	-	-	-	-	7.6	-	-	0.3	0.4	0.5
C18	5	-	-	-	-	-	-	-	-	-	3.5	-	7.0	-	7.6	-	17.0	0.9	1	1.6
C19-20	8	-	-	-	-	-	-	4.9	2.5	-	-	-	12.0	6.7	15.2	-	-	1.4	1.7	3.1
C21	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.9	-	0.2	0.2	-
C22	19	-	-	-	-	-	-	-	-	-	3.5	-	7.0	40.3	30.9	35.7	24.9	3.2	4.2	6.8
C23-24	4	-	-	-	-	-	-	-	-	-	3.5	-	-	6.7	15.2	-	-	0.7	0.9	1.5
C25	5	-	-	-	-	-	-	-	-	-	-	-	-	6.7	7.6	17.9	8.3	0.9	1	0.9
C30-31	1	-	-	-	-	-	-	-	-	2.7	-	-	-	-	-	-	-	0.2	0.2	0.6
C32	9	-	-	-	-	-	-	-	-	-	-	4.3	12.0	33.6	7.6	-	-	1.52	2.3	6.8
C33-34	22	-	-	-	-	-	-	-	2.5	2.7	-	8.7	27.9	33.6	15.2	26.8	33.1	3.7	4.9	10.4
C37-38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	1	-	-	-	-	1.7	-	-	-	-	-	-	-	-	-	-	-	0.2	0.1	-
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.3	0.2	0.2	-
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	3	-	-	-	-	1.7	-	2.5	-	-	-	-	-	6.7	-	-	-	0.5	0.6	0.9
C50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C60	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.9	-	0.2	0.2	-
C61	14	-	-	-	-	-	-	-	-	-	3.5	-	-	20.2	22.8	26.8	33.1	2.4	2.9	3.3
C62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	6	-	-	-	-	-	-	-	-	7.0	8.7	12.0	-	-	-	-	-	1	1.4	4.5
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	3	-	-	-	-	-	-	-	-	-	3.5	-	-	-	-	-	16.6	0.5	0.5	0.7
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	10	-	1.5	-	-	-	2.2	-	-	-	3.5	4.3	7.0	6.7	7.6	8.9	16.6	1.7	2.0	3.1
C73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C82-85,C96	7	-	-	-	-	1.7	-	-	-	2.9	-	4.3	-	-	15.2	8.9	8.3	1.2	1.3	1.3
C88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	5	-	-	-	-	-	-	-	-	-	7.0	-	-	-	-	8.9	16.6	0.9	0.9	1.3
C91	3	-	1.5	1.4	-	-	-	-	-	-	-	-	-	-	-	-	8.3	0.5	0.4	0
C92-94	4	-	-	1.4	1.6	-	-	-	-	2.9	-	4.3	-	-	-	-	-	0.7	0.7	1.3
C95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MPD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MDS	1	-	-	-	-	-	-	-	-	-	-	-	-	6.7	-	-	-	0.2	0.3	0.9
O&U*	17	-	-	-	1.6	-	-	2.5	-	-	3.5	13.0	7.0	20.2	7.6	17.9	33.1	2.9	3.5	6.3
ALL	210	-	3	2.9	3.2	5.2	2.2	12.3	7.4	11.4	55.7	78.1	153.7	268.9	220.3	249.9	290.0	35.5	44.8	81.5
ALLbC44	209	-	3	2.9	3.2	5.2	2.2	12.3	7.4	11.4	55.7	78.1	153.7	268.9	220.3	249.9	290.0	35.5	44.7	81.5

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

Table 26: Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) and Truncated (35-65 years) (TR) Mortality Rate per 100,000 populations: 2014, SAS Nagar – Female

ICD 10	All Ages	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+	Crude Rate	ASR	TR
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	1	-	-	-	-	-	-	-	-	-	-	-	-	-	7.1	-	-	0.2	0.2	-
C03-06	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.9	-	0.2	0.2	-
C07-08	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.8	0.2	0.2	-
C09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	1	-	-	-	-	-	-	-	-	-	-	-	7.0	-	-	-	-	0.2	0.3	0.9
C12-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	14	-	-	-	-	-	-	2.4	-	-	3.9	5.5	21.0	6.2	-	43.6	26.5	2.7	3.1	5.1
C16	4	-	-	-	-	-	-	-	-	-	3.9	5.5	14.0	-	-	-	-	0.8	1.1	3.4
C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	5	-	-	-	-	-	-	-	-	-	3.9	5.5	7.0	-	-	-	17.7	1.0	1.1	2.5
C19-20	4	-	-	-	-	-	2.3	-	-	-	-	-	-	12.4	7.1	-	-	0.8	0.9	1.6
C21	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.9	-	0.2	0.2	-
C22	10	-	-	-	-	-	-	-	-	-	3.9	10.9	7.0	12.4	21.4	10.9	-	1.9	2.4	5.0
C23-24	11	-	-	-	-	-	-	-	-	-	11.8	10.9	14.0	-	14.3	0.0	17.7	2.1	2.6	5.8
C25	6	-	-	-	-	-	-	-	-	-	-	-	7.0	-	14.3	21.8	8.8	1.1	1.3	0.9
C30-31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	1	-	-	-	-	-	-	-	-	-	-	-	-	6.2	-	-	-	0.2	0.2	0.8
C33-34	10	-	-	-	-	-	-	-	2.6	-	-	-	-	24.7	28.5	-	8.8	1.9	2.2	3.7
C37-38	1	-	-	-	-	-	-	-	-	-	-	5.5	-	-	-	-	-	0.2	0.3	0.9
C40-41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	2	-	-	-	-	-	-	-	-	-	3.9	-	-	-	-	10.9	-	0.4	0.5	0.8
C50	28	-	-	-	-	-	2.3	-	5.2	12.9	7.9	10.9	14.0	30.9	14.3	43.6	35.4	5.3	6.1	12.6
C51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C53	14	-	-	-	-	-	-	-	-	-	7.9	5.5	7.0	24.7	7.1	21.8	26.5	2.7	3.2	6.5
C54	5	-	-	-	-	-	-	-	-	-	-	5.5	7.0	6.2	7.1	-	8.8	1.0	1.2	2.6
C55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C56	11	-	-	-	-	-	2.3	-	-	-	15.7	-	7.0	12.4	14.3	10.9	-	2.1	2.5	5.5
C57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	7	-	-	-	-	-	-	2.4	-	-	-	-	-	18.5	14.3	10.9	-	1.3	1.5	2.4
C73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C82-85,C96	5	-	-	-	-	-	-	-	-	-	-	-	-	6.2	14.3	21.8	-	1.0	1.1	0.8
C88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	3	-	-	-	-	-	-	-	2.6	-	3.9	-	-	-	7.1	-	-	0.6	0.6	1.3
C91	3	-	1.8	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.6	0.5	-
C92-94	3	2.3	-	-	-	2.0	-	-	-	-	3.9	-	-	-	-	-	-	0.6	0.7	0.8
C95	3	-	-	-	-	-	-	-	-	-	-	5.5	-	-	7.1	-	8.8	0.6	0.7	0.9
MPD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MDS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U*	19	-	1.8	-	-	-	-	2.4	5.2	-	7.9	10.9	7.0	-	21.4	32.7	35.4	3.6	3.9	5.2
ALL	174	2.3	3.6	3.3	-	2.0	6.9	7.3	15.5	12.9	78.6	81.9	118.9	160.8	199.7	250.5	203.3	33.0	38.8	70.0
ALLbC44	174	2.3	3.6	3.3	-	2.0	6.9	7.3	15.5	12.9	78.6	81.9	118.9	160.8	199.7	250.5	203.3	33.0	38.8	70.0

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

16. Administrative Block Wise Incidence and Mortality Cases: 2014

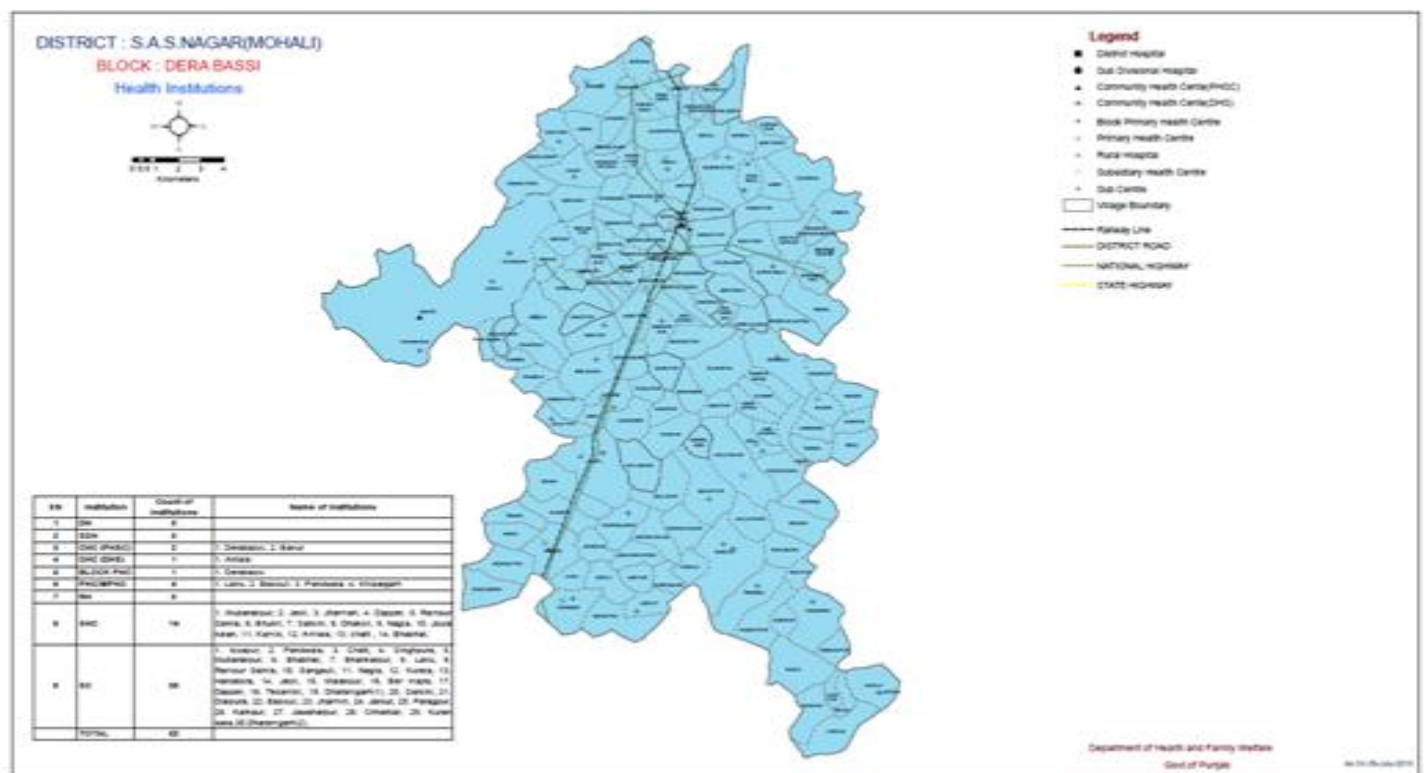
Table 27: Mohali Urban ward and sector wise cancer incidence cases and mortality cases: SAS Nagar district



Sector Name	SAS Nagar Urban					
	Incidence cases 2014			Mortality cases 2014		
	Male	Female	Total Cases	Male	Female	Total Cases
Sector-73	1	0	1	1	0	1
Sector-74	1	0	1	0	0	0
Sector-60	0	1	1	0	0	0
Sector-75	0	0	0	0	0	0
Sector-66	1	2	3	0	0	0
Sector-68	4	8	12	0	3	3
Sector-80	0	1	1	0	0	0
Sector-66a	0	0	0	0	0	0
Sector-109	0	0	0	0	0	0
Sector-110	1	0	1	1	0	1
Sector-111	0	0	0	0	0	0
Sector-112	0	0	0	0	0	0

Sector-114	0	0	0	0	0	0
Sector-115	0	0	0	0	0	0
Sector-70	10	9	19	4	2	6
Sector-69	7	3	10	1	0	1
Sector-71	8	10	18	0	1	1
Sector-78	0	1	1	1	0	1
Sector-62	0	0	0	0	0	0
Sector-61	1	0	1	0	0	0
Sector-52	0	0	0	0	0	0
Sector-53	0	0	0	0	0	0
Phase-1	7	13	20	1	0	1
Sector-59	0	1	1	0	0	0
Sector-55	0	0	0	0	0	0
Sector-58	0	0	0	0	0	0
Sector-57	1	0	1	1	0	1
Sector-76	0	0	0	0	0	0
Phase-2	6	4	10	3	0	3
Phase-3B1	3	2	5	0	1	1
Phase-3B2	0	8	8	0	2	2
Phase-3	0	4	4	0	1	1
Phase-4	5	8	13	2	3	5
Phase-5	3	9	12	1	4	5
Phase-6	7	3	10	2	1	3
Phase-7	11	8	19	1	0	1
Phase-8	1	1	2	0	0	0
Phase-9	4	4	8	2	1	3
Phase-10	8	10	18	3	1	4
Phase-11	9	7	16	1	2	3
Industrial Area-6	0	1	1	0	0	0
Industrial Area -7	0	0	0	0	0	0
Industrial Area-8A	0	0	0	0	0	0
Industrial Area-8B	1	1	2	1	0	1
Industrial Area-9	0	0	0	0	0	0
Industrial Area-10	0	0	0	0	0	0
Industrial Area-11	0	0	0	0	0	0
Sector-67	1	4	5	0	1	1
Sector-77	0	1	1	0	0	0
Sector-79	0	2	2	0	0	0
Sector-48	0	0	0	0	0	0
Total	101	126	227	26	23	49

Table 28: Ward wise and village wise cancer incidence cases and mortality Derabassi Block, SAS Nagar district



	Incidence 2014			Mortality 2014		
	Male	Female	Total	Male	Female	Total
Derabassi	13	9	22	3	6	9
Ward-01	0	1	1	0	0	0
Ward-02	1	0	1	0	0	0
Ward-03	1	0	1	0	0	0
Ward-04	1	1	2	0	2	2
Ward-05	0	0	0	0	0	0
Ward-06	0	1	1	0	0	0
Ward-07	0	0	0	0	0	0
Ward-08	0	0	0	0	0	0
Ward-09	1	0	1	0	0	0
Ward-10	1	0	1	0	0	0
Ward-11	0	1	1	0	1	1
Ward-12	0	0	0	0	0	0
Ward-13	0	0	0	0	0	0
Total	18	13	31	3	9	12

Urban Zirakpur						
Zirakpur	27	37	64	11	3	14
Ward-01	0	1	1	0	1	1
Ward-02	0	0	0	0	0	0
Ward-03	0	0	0	0	0	0
Ward-04	1	0	1	0	0	0
Ward-05	0	0	0	0	0	0
Ward-06	1	0	1	1	0	1
Ward-07	0	0	0	0	0	0
Ward-08	0	0	0	0	0	0
Ward-09	0	1	1	0	0	0
Ward-10	0	0	0	0	0	0
Ward-11	0	0	0	0	0	0
Ward-12	0	0	0	0	0	0
Ward-13	0	0	0	0	0	0
Ward-14	0	0	0	0	0	0
Ward-15	0	0	0	0	0	0
Total	29	39	68	12	4	16
Urban Banur						
Banur	3	2	5	1	0	1
Ward-01	0	1	1	0	0	0
Ward-02	0	0	0	0	1	1
Ward-03	0	0	0	1	0	1
Ward-04	0	1	1	0	1	1
Ward-05	1	0	1	0	0	0
Ward-06	0	0	0	1	2	3
Ward-07	0	0	0	0	0	0
Ward-08	0	1	1	0	0	0
Ward-09	0	0	0	0	0	0
Ward-10	0	0	0	0	0	0
Ward-11	1	0	1	0	0	0
Ward-12	0	0	0	0	0	0
Ward-13	0	0	0	0	0	0
Total	5	5	10	3	4	7

Derabassi Village						
Village Name	Male	Female	Total	Male	Female	Total
Amlala	0	0	0	0	0	0
Aganpur	0	0	0	0	0	0
Alamgir	0	0	0	0	0	0
Amb Chhapa	0	0	0	0	0	0
Bakarpur	0	0	0	0	0	0
Basauli	1	0	1	0	1	1
Bassi	0	0	0	0	0	0
Batoli	0	1	1	0	0	0
Bair Majra	0	0	0	0	0	0
Bhagwanpura	0	0	0	0	0	0
Bhagwasi	0	0	0	0	0	0
Bhukhri	0	0	0	0	0	0
Baltana	11	6	17	6	5	11
Ballopur	1	0	1	1	0	1
Bijanpur	1	3	4	1	0	1
Behra	0	0	0	0	0	0
Broli	0	0	0	0	0	0
Bhankarpur	2	2	4	3	1	4
Bhagsi	0	0	0	0	0	0
Badana	0	0	0	0	0	0
Bahora	0	0	0	0	0	0
Chandheri	0	0	0	0	0	0
Chandiala	0	0	0	0	0	0
Daffarpur	0	0	0	0	0	0
Dandralla	0	0	0	0	0	0
Dangdehra	0	0	0	0	0	0
Dappar	0	2	2	0	1	1
Dehar	0	0	0	0	0	0
Devi Nagar	1	2	3	0	1	1
Dhanoni	0	0	0	0	0	0
Dharamgarh	4	3	7	3	0	3
Dire Majra	0	0	0	0	0	0
Fatehpur (197)	1	0	1	0	0	0
Fatehpur Jattan	1	2	3	0	0	0
Gazipur	1	0	1	0	0	0
Gholumajra	0	1	1	0	0	0
Haibatpur	0	1	1	0	0	0
Hmayunpur	1	4	5	0	0	0
Handesra	0	0	0	0	0	0
Haripur Hinduan	0	1	1	0	0	0
Haripu Kura	0	0	0	0	0	0
Hussanpur	0	1	1	0	2	2
Humra	0	0	0	0	0	0
Ibrahimpur	0	0	0	0	0	0

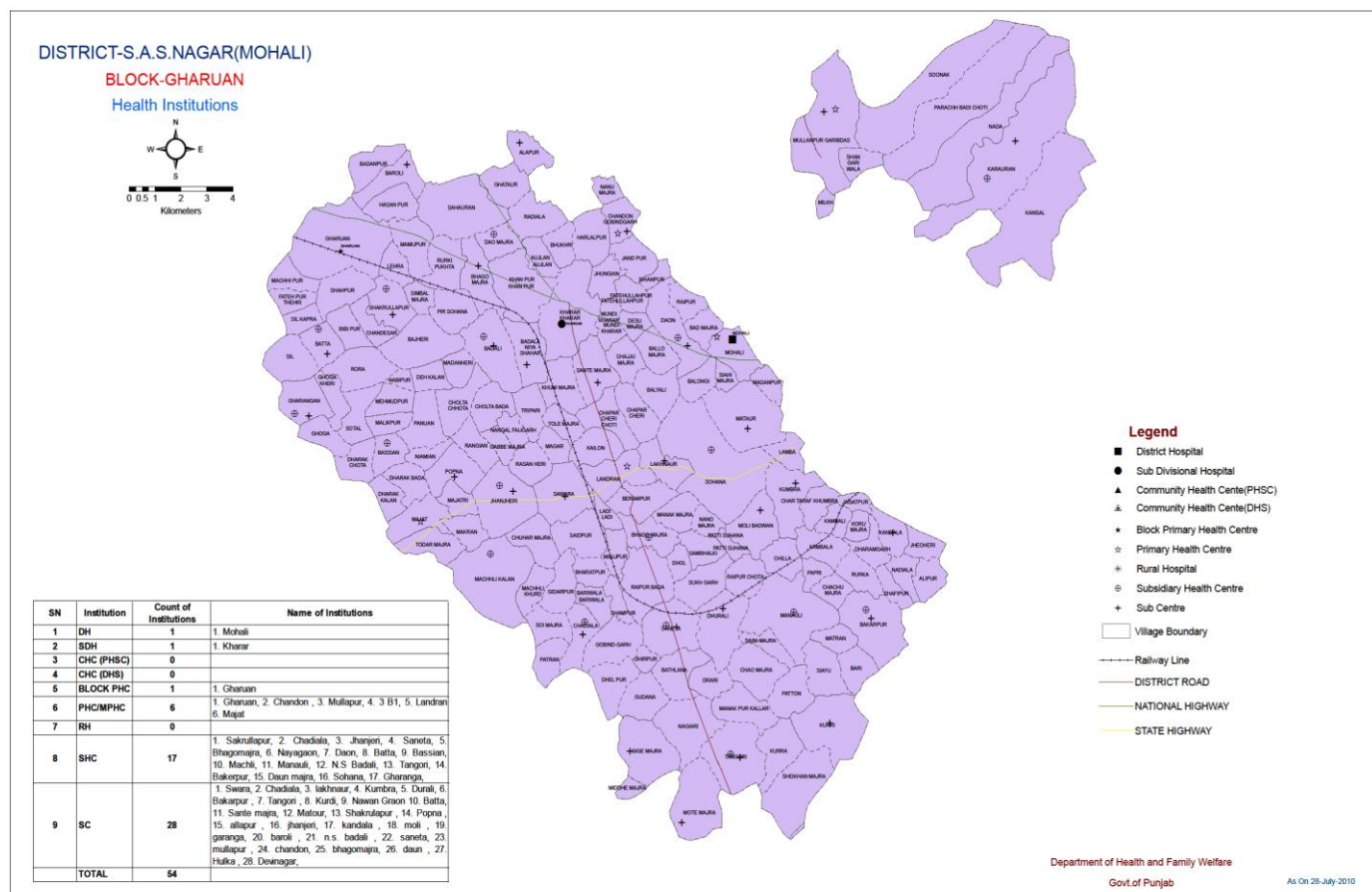
Issapur Jangi	0	0	0	0	0	0
Issapur (39)	0	0	0	0	0	0
Jagadhrail (Dera)	0	0	0	0	0	0
Jalalpur	2	0	2	1	0	1
Jandili	0	0	0	0	0	0
Janetpur	0	0	0	0	0	0
Jaraut	2	2	4	1	1	2
Jastana Kalan	0	0	0	0	0	0
Jastana Khurd	1	0	1	1	0	1
Jaula Kalan	2	1	3	1	1	2
Jaula Khurd	0	0	0	0	0	0
Jawaharpur	0	1	1	0	0	0
Jharmari	1	0	1	0	0	0
Jhawansan	0	0	0	0	0	0
Jodhpur	0	0	0	0	0	0
Jedi	0	0	0	0	0	0
Kakrali	0	0	0	0	0	0
Karkaur	1	0	1	1	0	1
Kasauli	0	0	0	0	0	0
Khanpour Khaddar	0	0	0	0	0	0
Khellan	0	3	3	0	2	2
Kheri	0	0	0	0	0	0
Kheri Jattan	0	0	0	0	0	0
Kheri Gujran	3	1	4	1	0	1
Karali	1	0	1	0	0	0
Kuranwala	1	0	1	0	0	0
Kurli	0	0	0	1	0	1
Lalru	2	0	2	0	0	0
Lalru Mandi	4	4	8	1	2	3
Lehli	2	1	3	0	0	0
Magra	1	0	1	0	0	0
Mahiwala	0	0	0	0	0	0
Malikpur	0	1	1	0	0	0
Mallan	0	0	0	0	0	0
Mandi	0	0	0	0	0	0
Mehmadpur	0	0	0	1	0	1
Mianpur	1	0	1	1	0	1
Mirpur (156)	1	1	2	0	0	0
Mirpur	0	0	0	0	0	0
Mor Thikri	0	0	0	0	1	1
Mubarik Pur	1	3	4	7	1	8
Mukandpur	1	0	1	1	0	1
Nagla (168)	0	0	0	0	0	0
Nagla (51)	1	2	3	0	1	1
Nimbuan	0	1	1	0	1	1
Pandwala	0	1	1	0	0	0

Pir Machaila	2	0	2	0	0	0
Prag Pur	0	0	0	0	0	0
Punsar	0	0	0	0	0	0
Rajapur	0	0	0	0	0	0
Rajomajra	0	0	0	0	1	1
Ramgarh Rurki	0	1	1	0	0	0
Rampur Bahal	1	1	2	0	0	0
Rampur Bhudha	0	0	0	0	0	0
Rampur Sainia	0	2	2	0	1	1
Rani Majra	2	0	2	0	0	0
Sadhanpur	1	0	1	0	0	0
Sadh Colony	0	0	0	0	0	0
Saidpura	2	1	3	0	1	1
Samgoli	1	1	2	3	1	4
Sanauli	0	1	1	0	1	1
Sangotha	0	0	0	0	0	0
Sarangpur	0	0	0	0	0	0
Sarsini	0	0	0	0	0	0
Seikhpur Kalan	0	0	0	0	0	0
Seoli	0	1	1	0	1	1
Sinhpur	0	0	0	0	0	0
Singhpura	1	0	1	0	1	1
Sitabgarh	0	0	0	0	0	0
Sitarpur	0	0	0	0	0	0
Sundran	0	1	1	0	0	0
Tarrak	1	0	1	0	0	0
Tasimbli	2	0	2	1	0	1
Tiwana	0	0	0	0	0	0
Tofanpur	0	0	0	0	0	0
Toganpur	0	0	0	0	0	0
Trivedi Camp	1	0	1	0	0	0
Untala	0	0	0	0	0	0
Dhakoli	3	2	5	2	0	2
Adde Jhugia	0	0	0	0	0	0
Krishna Mandir	0	0	0	0	0	0
Jhourheri	0	1	1	0	0	0
Nabha	1	1	2	0	0	0
Kudari	0	0	0	0	0	0
Jarvat	0	0	0	0	0	0
Shakti Nagar	0	1	1	0	0	0
Lohgarh	1	0	1	0	1	1
Sakhon	0	0	0	0	0	0
Issanpura	0	0	0	0	0	0
Jolly	0	2	2	0	1	1
Buta Singh Wala	0	1	1	0	0	0
Taupapur	0	0	0	0	0	0

Khizargarh	0	0	0	0	0	0
Azizpur	0	1	1	0	0	0
Chhat	0	0	0	0	2	2
Budhanpur	0	1	1	0	1	1
Phabat	1	3	4	1	0	1
Dayalpura	0	1	1	0	1	1
Khalaar	1	1	2	0	1	1
Khanpur Bangar	1	0	1	0	0	0
Mathiaran	1	0	1	2	0	2
Fatehpur Bera	1	0	1	1	0	1
Paragpur	0	0	0	1	0	1
Jangpura	0	1	1	0	1	1
Azizpur	0	0	0	0	1	1
Rampur Kalan	0	1	1	1	0	1
Manoli Surat	2	0	2	2	0	2
Total	79	77	156	46	37	83

Table 29: Ward wise and village wise cancer incidence cases and mortality cases of Gharuan Block: SAS

Nagar district



Name and Ward	Gharuan Block					
	Urban Kharar					
	Incidence 2014			Mortality 2014		
	Male	Female	Total	Male	Female	Total
Kharar	25	25	50	9	8	17
Ward No.1	0	0	0	0	0	0
Ward No.2	1	0	1	0	0	0
Ward no.3	0	0	0	0	0	0
Ward No.4	0	1	1	1	0	1
Ward No.5	0	1	1	0	0	0
Ward No.6	1	1	2	0	0	0
Ward No.7	0	0	0	0	0	0
Ward No.8	0	1	1	0	0	0
Ward No.9	0	1	1	0	0	0
Ward No.10	1	1	2	1	0	1
Ward No.11	0	2	2	0	0	0
Ward No.12	1	0	1	0	0	0
Ward No.13	2	1	3	0	1	1
Ward No.14	0	0	0	0	0	0
Ward No.15	0	0	0	0	0	0
Total	31	34	65	11	9	20

Urban Naya Gaon						
Naya Gaon	17	11	28	9	9	18
Ward-01	0	0	0	0	0	0
Ward-02	0	0	0	0	0	0
Ward-03	0	0	0	0	0	0
Ward-04	0	0	0	0	0	0
Ward-05	0	0	0	0	0	0
Ward-06	0	0	0	0	0	0
Ward-07	0	0	0	0	0	0
Ward-08	0	0	0	0	0	0
Ward-09	0	0	0	0	0	0
Ward-10	0	0	0	0	0	0
Ward-11	0	0	0	0	0	0
Ward-12	0	0	0	0	0	0
Ward-13	0	0	0	0	0	0
Ward-14	0	0	0	0	0	0
Ward-15	0	0	0	0	0	0
Total	17	11	28	9	9	18
Kharar Village						
	Incidence 2014			Mortality 2014		
Village Name	Male	Female	Total	Male	Female	Total
Allahpur	0	2	2	0	0	0
Alipur	0	0	0	0	0	0
Bajheri	0	0	0	0	0	0
Badali	1	1	2	0	0	0
Badanpur	0	0	0	0	0	0
Baroli	1	2	3	1	0	1
Batta	0	0	0	0	0	0
Bassian	0	0	0	0	0	0
Berampur	0	0	0	0	0	0
Bhago Majra Coll.	0	0	0	0	0	0
Bhukhri	0	0	0	0	0	0
Ballomajra	1	0	1	0	0	0
Bhagomajra	2	0	2	1	0	1
Badala	0	1	1	0	3	3
Balyali	1	1	2	2	0	2
Balongi	7	7	14	4	3	7
Bathlana	0	0	0	0	0	0
Bari	0	0	0	0	0	0
Bakarpur	0	0	0	0	0	0
Bharatpur	0	0	0	1	0	1
Badmajra	1	0	1	1	2	3
Bibipur	0	0	0	0	0	0
Cholta Chhota	0	1	1	0	0	0
Cholta Bada	0	0	0	0	1	1
Chandon Gobindgarh	0	0	0	0	0	0
Chaparchiri Badi	0	0	0	0	0	0
Chadiala	1	1	2	0	0	0
Chao Majra	0	1	1	0	0	0
Chilla	0	1	1	0	0	0

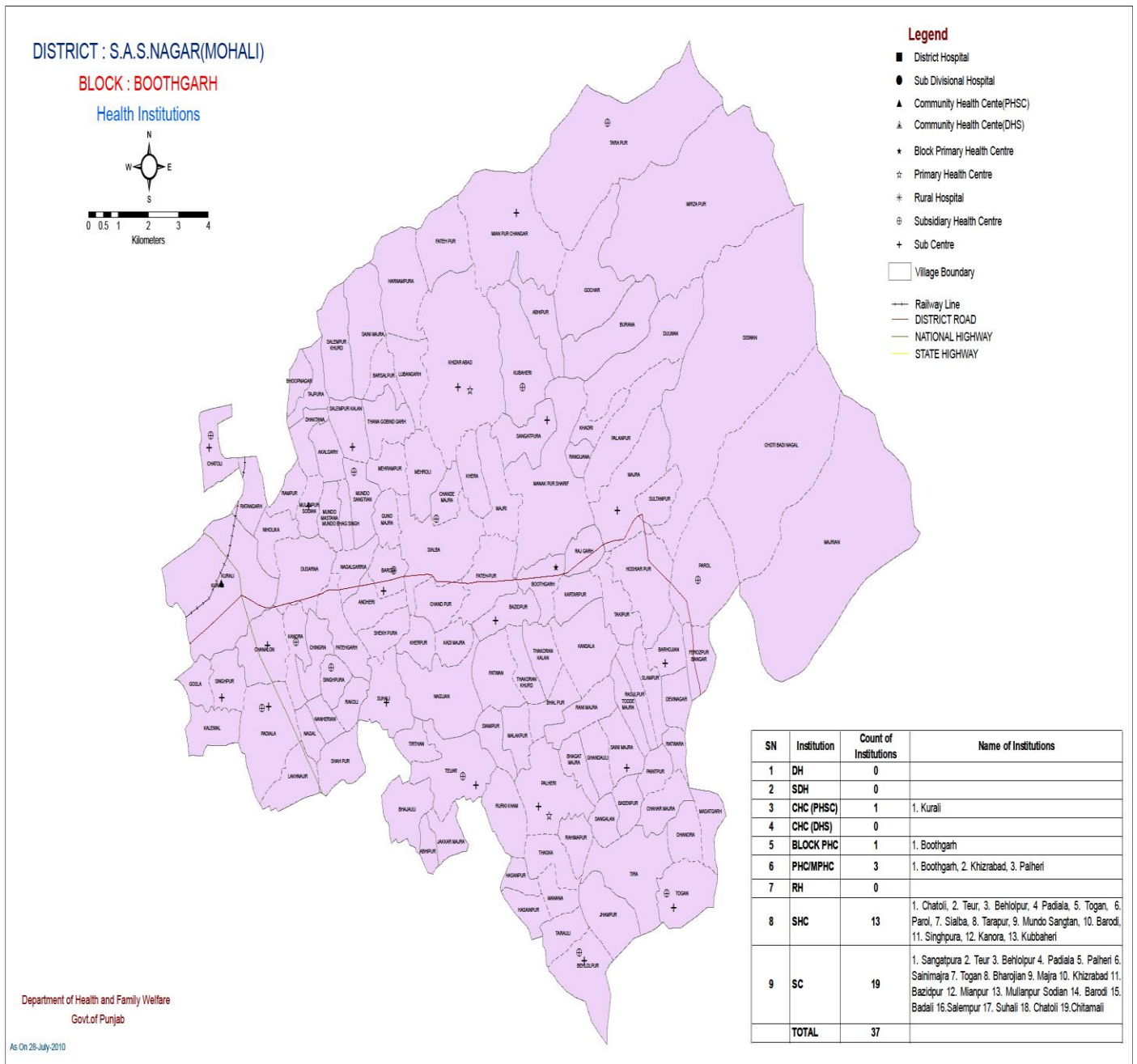
Chachu Majra	1	0	1	1	1	2
Chaparchiri Chhoti	0	0	0	0	0	0
Dao Majra	0	1	1	1	0	1
Dhelpur	1	0	1	1	0	1
Deh Kalan	0	0	0	0	0	0
Dharak Bada	0	0	0	0	0	0
Dharak Chhota	0	0	0	0	0	0
Daon	0	0	0	0	0	0
Dharamgarh	0	0	0	0	0	0
Dhurali	0	0	0	0	0	0
Dhirpur	1	0	1	0	0	0
Dhabali	0	0	0	0	0	0
Derri	0	0	0	0	0	0
Fatehpur Theri	0	0	0	1	0	1
Gabbe Majra	1	0	1	0	0	0
Ghataur	1	1	2	1	0	1
Gobindgarh	0	0	0	0	0	0
Gige Majra	0	0	0	0	0	0
Gidderpur	0	0	0	0	0	0
Gudana	0	1	1	0	0	0
Gharuan	2	5	7	1	0	1
Ghoga	0	0	0	0	0	0
Garangan	1	0	1	0	0	0
Ghoga kheri	0	0	0	0	0	0
Harlalpur	0	1	1	1	0	1
Jandpur	2	2	4	1	1	2
Jhanjheri	0	0	0	0	0	0
Jhungian	0	1	1	1	0	1
Jheorheri	0	0	0	0	0	0
Jagatpura	2	3	5	1	1	2
Kandala	0	0	0	0	0	0
Kumbra	1	1	2	0	0	0
Kambala	0	0	0	0	0	0
Kurri	0	2	2	0	0	0
Karauran	1	0	1	1	0	1
Kansal	3	3	6	0	1	1
Kailon	0	0	0	0	0	0
Kurra	0	0	0	0	0	0
Kambali	0	0	0	0	0	0
Landran	1	0	1	0	0	0
Nadiali	1	0	1	1	0	1
Lakhnaur	1	1	2	0	1	1
Magar	1	0	1	0	0	0
Majatri	0	0	0	0	0	0
Majat	0	0	0	0	0	0
Makran	0	0	0	0	0	0
Moli Baidwan	1	0	1	1	1	2
Manauli	0	0	0	0	0	0
Mote Majra	1	1	2	0	0	0
Maujpur	0	0	0	0	0	0

Manak Majra	0	0	0	1	0	1
Manakpur Kallan	0	0	0	1	0	1
Machhli Kalan	2	1	3	2	0	2
Machhli Khurd	0	0	0	0	0	0
Masaul	0	0	0	0	0	0
Mullanpur (Garibdas)	5	3	8	1	1	2
Mamupur	1	0	1	0	0	0
Machhipur	0	0	0	0	0	0
Madanheri	1	0	1	1	1	2
Middhemajra	0	0	0	0	0	0
Malikpur	0	2	2	0	1	1
Milkh	0	0	0	0	0	0
Matran	0	0	0	0	0	0
Naya Shahar	0	1	1	0	0	0
Niamian	0	0	0	0	0	0
Nano Majra	0	0	0	0	0	0
Nada	1	0	1	0	0	0
Nabipur	0	0	0	0	1	1
Nangal Faijgarh	0	0	0	0	0	0
Nagiari	0	1	1	0	0	0
Parachh Badi Chhoti	0	0	0	0	0	0
Padiala	1	0	1	1	0	1
Panuan	1	0	1	0	0	0
Patran	0	0	0	0	0	0
Popna	0	1	1	2	0	2
Pir Sohana	1	2	3	0	2	2
Patton	0	0	0	0	0	0
Papri	0	1	1	0	0	0
Rangian	1	0	1	1	0	1
Rurki Pukhta	0	0	0	0	1	1
Radiala	2	0	2	0	0	0
Raipur	0	0	0	0	0	0
Raipur Chhota	0	0	0	0	0	0
Raipur Bada	0	0	0	0	0	0
Rurka	0	0	0	0	0	0
Rasanheri	0	0	0	0	0	0
Rora	1	0	1	1	0	1
Simbal Majra	0	1	1	0	0	0
Sahauran	1	1	2	0	1	1
Shakrullapur	2	0	2	0	0	0
Sawara	0	0	0	0	0	0
Sambhalki	1	0	1	0	0	0
Saneta	0	0	0	0	0	0
Sheikhan Majra	0	0	0	0	0	0
Shampur	0	2	2	1	0	1
Saidpur	1	0	1	0	0	0
Siayu	1	0	1	0	0	0
Saini Majra	1	1	2	1	0	1
Sohana	0	2	2	0	2	2
Sangariwala	0	0	0	0	0	0

Sukhgarh	0	0	0	0	0	0
Soonk	3	0	3	1	0	1
Sotal	2	0	2	1	0	1
Shafipur	0	0	0	0	0	0
Soi Majra	1	0	1	1	0	1
Sil Kapra	0	0	0	0	0	0
Sil	1	0	1	1	0	1
Todar Majra	0	0	0	0	0	0
Tangori	0	0	0	1	1	2
Tole Majra	1	0	1	1	0	1
Tripari	0	0	0	1	0	1
Chuhar Majra	0	1	1	0	0	0
Janta Colony	0	0	0	0	0	0
Balangi Colony	1	0	1	0	0	0
Bad Majra Colony	0	0	0	0	0	0
Chhoti Karauran	0	0	0	0	0	0
Chhaju Majra	0	2	2	0	0	0
Sante Majra	1	0	1	1	0	1
Khuni Majra	0	2	2	1	1	2
Toggan	0	3	3	1	0	1
Parch	0	0	0	0	0	0
Jujar Nagar	0	0	0	0	0	0
Chapper Chiri Khurd	0	0	0	0	0	0
Chapper Chiri Kalan	0	0	0	0	0	0
Bhagoli	0	0	0	0	0	0
Rurkipakki	1	0	1	1	0	1
Mundi Kharar	3	5	8	1	3	4
Khanpur	1	1	2	0	0	0
Bhajauli	2	0	2	1	0	1
Urdang	0	0	0	0	0	0
Premgarh	0	0	0	0	1	1
Sohana	4	1	5	2	0	2
Raipur Kalan	1	0	1	0	0	0
Kator	0	0	0	0	0	0
Abrama	0	0	0	0	0	0
Nada	0	0	0	0	0	0
Hulka	0	0	0	0	0	0
Deshu Majar	3	5	8	0	1	1
Kalewal	0	0	0	0	0	0
Rasulpur	0	1	1	0	1	1
Kadri	0	0	0	0	1	1
Dhadak kalan	1	0	1	0	0	0
Akalagarh	1	0	1	1	0	1
Total	89	81	170	52	34	86

Table 30: Ward wise and village wise cancer incidence cases and mortality cases of Boothgarh Block: SAS

Nagar district



Name and Ward	Bhootgarh Block					
	Urban Kurali					
	Incidence 2014			Mortality 2014		
	Male	Female	Total	Male	Female	Total
Kurali	2	1	3	1	0	1
Ward No.1	0	1	1	2	0	2
Ward No.2	0	1	1	0	0	0

Ward No.3	1	0	1	0	1	1
Ward No.4	1	1	2	0	0	0
Ward No.5	0	1	1	0	1	1
Ward No.6	0	0	0	0	0	0
Ward No.7	2	0	2	0	0	0
Ward No.8	1	0	1	0	0	0
Ward No.9	0	2	2	1	1	2
Ward No.10	0	0	0	0	0	0
Ward No.11	0	1	1	0	0	0
Ward No.12	0	0	0	0	0	0
Ward No.13	0	0	0	1	0	1
Total	7	8	15	5	3	8

Majri Village						
	Incidence 2014			Mortality 2014		
Village Name	Male	Female	Total	Male	Female	Total
Abhipur	0	0	0	0	0	0
Akalgarh	0	0	0	0	0	0
Andheri	0	0	0	0	0	0
Abheypur	0	0	0	0	0	0
Andhrera	0	0	0	0	0	0
Baraudi	0	1	1	0	0	0
Bhagat Majra	0	0	0	0	0	0
Bhup Nagar	0	0	0	0	0	0
Bharaunjian	1	1	2	1	0	1
Bhajauli	1	0	1	0	0	0
Barsalpur	1	0	1	0	0	0
Bazidpur	0	0	0	0	0	0
Behlolpur	0	0	0	0	0	0
Bhaghindi	0	0	0	0	0	0
Boothgarh	0	0	0	0	0	0
Bahalpur	0	0	0	0	0	0
Chahar Majra	1	0	1	0	0	0
Chandpur	0	0	0	0	0	0
Chatauli	0	0	0	0	0	0
Chhoti Bari Naggal	1	0	1	1	0	1
Chintgarh	0	0	0	0	0	0
Dosarana	0	0	0	0	0	0
Dhakaran Khurd	0	0	0	0	0	0
Dhakaran Kalan	0	0	0	0	0	0
Dulwal	0	0	0	0	0	0
Dhanauran	0	1	1	0	0	0
Dhaktana	0	0	0	0	0	0
Dhode Majra	0	0	0	0	0	0
Fatehgarh	1	0	1	0	0	0

Fatehgarh Chatouli	0	0	0	0	0	0
Ferozepur Bangar	1	0	1	0	0	0
Fatehpur Tapran	0	1	1	0	0	0
Fatehpur	0	0	0	0	1	1
Gochar	1	0	1	0	0	0
Gunno Majra	0	1	1	1	0	1
Gurrah	0	0	0	0	0	0
Ghandauli	0	0	0	0	0	0
Hosiarpur	0	1	1	1	0	1
Hussanpur	0	0	0	0	0	0
Jujhar Nagar	1	0	1	0	0	0
Jhampur	0	0	0	0	0	0
Jhande Majra	0	1	1	1	1	2
Jakar Majra	0	0	0	0	0	0
Jhingran Kalan	2	0	2	2	0	2
Kadi Majra	0	0	0	0	0	0
Khairpur	1	0	1	0	0	0
Khera	0	0	0	0	0	0
Khizarabad	0	1	1	0	1	1
Kansala	2	2	4	0	0	0
Kartarpur	0	1	1	0	1	1
Karoldianwala	0	0	0	0	0	0
Kanauran	1	0	1	0	0	0
Kubaheri	0	0	0	0	0	0
Kasauli	0	0	0	0	0	0
Lakhanaur	0	0	0	0	0	0
Lubangarh	2	0	2	1	0	1
Majri (Colony)	0	0	0	0	0	0
Majara	0	0	0	0	0	0
Jyanti Majri	0	1	1	0	1	1
Mianpur Chanugar	0	0	0	0	0	0
Mehrauli	0	0	0	0	0	0
Mundhobhag Singh	0	0	0	0	0	0
Majri	0	1	1	0	1	1
Manakpur Sharif	1	1	2	2	0	2
Malakpur	0	0	0	0	1	1
Mehrampur	0	0	0	0	0	0
Mirzapur	0	0	0	0	0	0
Mastgarh	0	0	0	0	0	0
Mundhosangtain	0	1	1	0	1	1
Mullanpur Sodian	0	0	0	0	0	0
Manana	2	3	5	1	2	3
Naglian	1	0	1	1	1	2
Naholka	0	0	0	0	0	0

Nangal (Singhan)	0	0	0	0	0	0
Nangalgarian	0	0	0	0	0	0
Nanhyerian	0	0	0	0	0	0
Phattan	0	0	0	0	0	0
Pallampur	0	1	1	0	0	0
Palheri	2	0	2	0	0	0
Paraul	2	0	2	0	0	0
Paintpur	0	1	1	0	0	0
Ratwara	0	0	0	0	0	0
Rampur	1	1	2	1	0	1
Rakauli	0	0	0	0	0	0
Rani Majra	1	0	1	1	0	1
Rurki Khan	0	0	0	0	0	0
Rattangarh	0	0	0	0	0	0
Rassulpur	0	0	0	0	0	0
Siswan	0	0	0	0	0	0
Sheikhupura	0	0	0	0	0	0
Sohali	0	0	0	0	0	0
Shahpur	0	0	0	0	0	0
Sialba	0	1	1	0	0	0
Saini Majra	0	0	0	0	0	0
Salamatpur	0	0	0	0	0	0
Sangatpura	0	0	0	0	0	0
Salempur Kalan	0	0	0	0	0	0
Salempu Khurd	0	0	0	0	0	0
Sangalan	0	1	1	0	0	0
Shiamipur	0	0	0	0	0	0
Tarapur	1	1	2	1	1	2
Tera	2	3	5	3	2	5
Thana Gobindgarh	0	0	0	0	0	0
Taroli	0	0	0	0	0	0
Teur	4	0	4	2	2	4
Tojan	0	1	1	0	0	0
Tajpura	0	0	0	0	0	0
Thaska	0	0	0	0	0	0
Takki Pur	0	0	0	0	1	1
Wansepur	0	0	0	0	0	0
Tasoli	0	0	0	0	0	0
Wazidpur	0	0	0	0	0	0
Jhandewala	0	0	0	0	0	0
Chanalo	1	0	1	0	0	0
Dhayanpur	0	1	1	0	0	0
Total	35	29	64	20	17	37

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10. Population Based Cancer Registry Report Mansa: 2014 – Tata Memorial Center, Mumbai and Post Graduate Institute of Medical Education and Research (PGI), Chandigarh.

18. Acknowledgement

Population based cancer registry SAS Nagar district expresses its great appreciation to all the key persons from collaborating institutions for their kind cooperation and assistance in this project.

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PBCR SAS Nagar expresses its sincere gratitude to the following institutions in Chandigarh for supporting and promoting the activities of the registry.

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and Research, Chandigarh**

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Annexure

Population Based Cancer Registry Report Release 2013:

Reports of the Punjab cancer registries of SAS Nagar, Sangrur and Mansa were jointly released by Dr KK Talwar-Adviser Health, Government of Punjab, Prof Yogesh Chawla-Director, PGIMER and Director Health Services Punjab HS Bali and Medical Superintendent Dr Vandana Gupta GMSH 16 at Bhargwa Auditorium, PGIMER, Chandigarh.



Special activities of the Cancer Registry

A training program for PBCR staff was organized on data abstraction from Dept. of Histopathology, Cytology and Hematology, PGIMER. Dr. JS Thakur and Dr. Atul Budukh also emphasized on improvement of data collection from various sources and discussion on doubtful and complicated cases was done during the session.





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**Homi Bhabha Cancer Hospital,
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"Cancer is curable if detected early."

