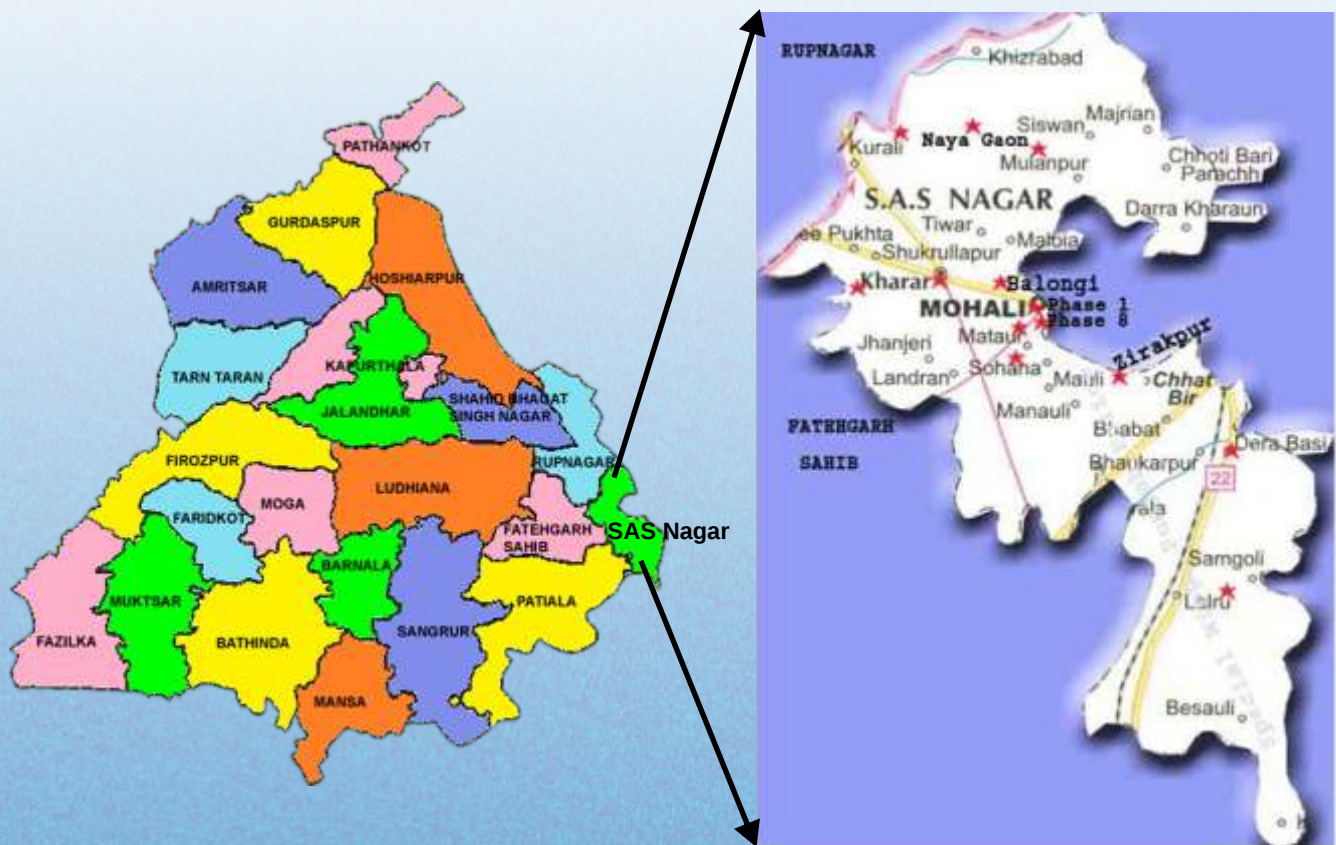


Cancer Incidence and Mortality in S.A.S. Nagar District Punjab State, India: 2013

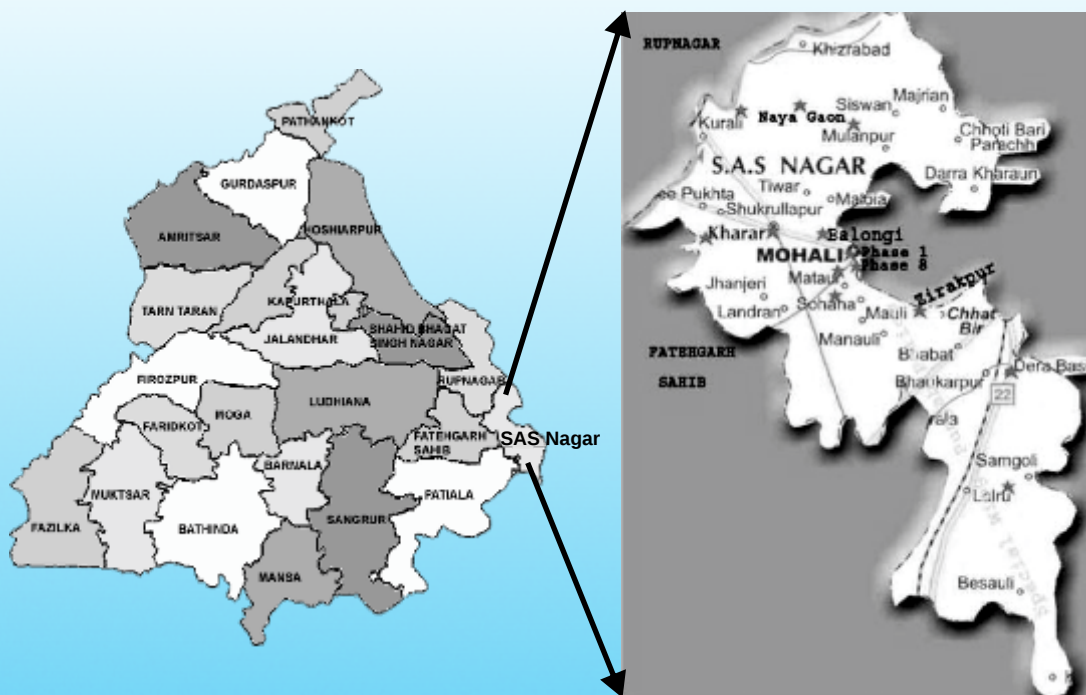
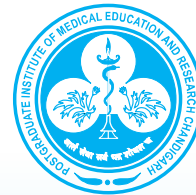
First Annual Report of the Population Based Cancer Registry



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

Cancer Incidence and Mortality in S.A.S. Nagar District Punjab State, India: 2013

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1. Executive Summary

Background

Tata Memorial Centre, Mumbai in collaboration with Post Graduate Institute of Medical Education & Research (PGIMER), Chandigarh & Department of Health & Family Welfare, Government of Punjab have started the Population Based Cancer Registry in Sahibzada Ajit Singh Nagar (S.A.S. Nagar) district of Punjab on 1st January 2013. The registry is located at 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 9,94,628. S.A.S. 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 areas (414 villages) of the district.

Registration Method

Trained social worker of the registry regularly visits different hospitals, pathology laboratories, medical colleges, cancer care centers, birth and death registrar offices to collect the cancer incidence and death cases. After collection from primary sources, the field staff reconfirms 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, Auxiliary Nurse Midwives (ANMs), Accredited Social Health Activists (ASHAs) and with 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 staff interviews the patient/patients' relatives and obtains necessary information from them. This information is further confirmed through medical records of 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 and analysis are carried out in CanReg5 software.

Results

The cancer registry registered 769 newly diagnosed cancer cases (334 males and 435 females) in 2013. The age adjusted incidence rate (AAR) is 74.3 per 100,000 population for males and 104.2 per 100,000 population for females. The cumulative risk for the age group 0-74 is 8.8% (1 in 11 men is at risk of getting cancer) in males and in females, it is 12% i.e. (1 in 8 females is at risk of getting cancer).

The cancer registry has registered 322 cancer deaths. In males, we have registered 176 deaths and 146 deaths in females. The age adjusted mortality rate is 38.9 per 100,000 population in males and for females, it is 33.6 per 100,000 population.

Leading Cancer Sites

Lung, prostate, oesophagus, larynx, and tongue are the leading cancer sites in male. Breast, cervix uteri, ovary, gall bladder, and corpus uteri are the leading cancer sites in female. Leading cancer sites are mentioned in Table I and II.

Table I : Leading Cancer Sites in Male - S.A.S. Nagar district, 2013

ICD 10	Sites	Number	CR	AAR	TR
C 33-C34	Trachea, bronchus & lung	32	5.6	7.3	16.1
C 61	Prostate	29	5.1	6.3	9.6
C 15	Oesophagus	25	4.4	5.8	11.1
C 32	Larynx	20	3.5	4.6	12.4
C 01.9- C 02.9	Tongue	18	3.1	3.9	8

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 - S.A.S. Nagar district, 2013.

ICD 10	Sites	Number	CR	AAR	TR
C50	Breast	137	27.2	33.9	90.7
C53	Cervix Uteri	58	11.5	13.8	36
C56	Ovary	32	6.4	7.4	18.2
C23-C24	Gall Bladder	24	4.8	5.8	11.6
C 54	Corpus Uteri	19	3.8	4.8	11.1

CR-Crude incidence rate per 100000 population; AAR-Age adjusted incidence rate per 100000 population; TR-Truncated rate per 100000 population

Under Registration

We have noted 7.5% others and unspecified primary site among males and 3.7 % among females. There may be chances of under-registration of cancer incidence and mortality cases which are diagnosed clinically. The quality control exercise was carried out and the results of which are satisfactory.

Comparison of Cancer Incidence Rate of S.A.S. Nagar (2013) with other Registries in India.

Cancer incidence rates are comparable with other parts of India. The comparison is shown in Figure I and II.

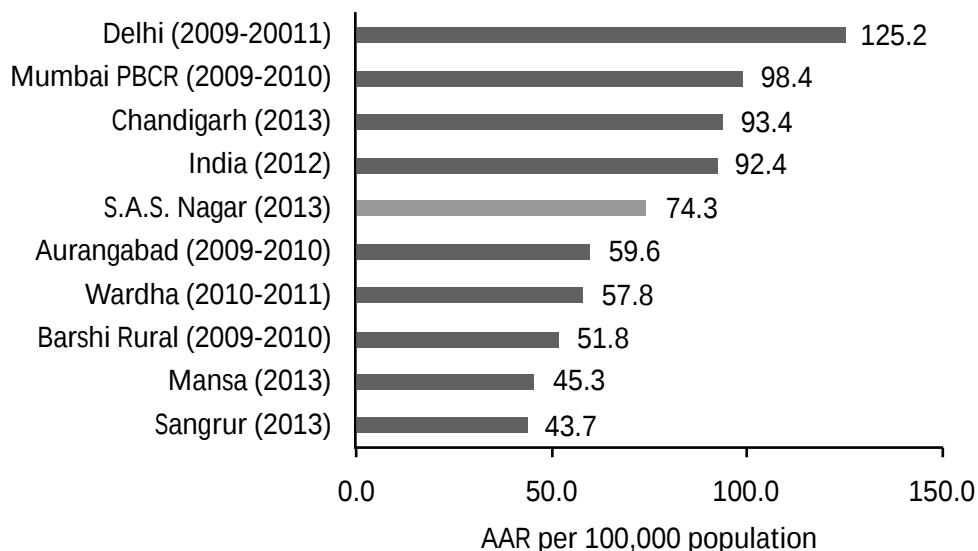


Figure I : All Site Cancer Incidence Rate - Male

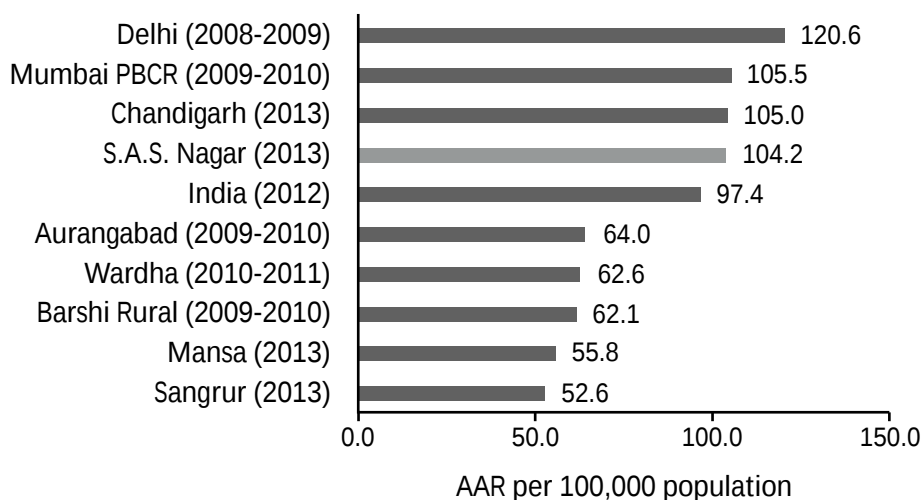


Figure II : All Site Cancer Incidence Rate - Female

Cancer Control in S.A.S. Nagar District

Establishing a cancer registry is the first step in cancer control. The registry data has estimated the risk of getting cancer in males as 8.8% and in females 12%. The major cancers in S.A.S. Nagar district are breast, cervix uteri, lung, and prostate. Most of the cancers are preventable. Based on the observation from the registry, cancer awareness programme needs to be started particularly for early detection of breast and cervical cancer. Tata Memorial Centre has started satellite centre in Sangrur and will establish a comprehensive cancer centre in Mohali in future. In additon, PGIMER is also starting 500 bedded multispeciality hospital in Sangrur besides the facilities offered at Regional Cancer Centre, PGIMER, Chandigarh. The registries will be useful in future to monitor cancer trends and evaluate the effects of prevention and treatment.

1. Punjab State Profile

Punjab, located in the north west of India, is one of the most prosperous states of India. The five rivers Sutlej, Beas, Ravi, Chenab and Jhelum gave its name 'punj-ab' or the 'land of five waters/rivers'. These five rivers divide the state into three regions: Majha, Doaba and Malwa. Punjab is primarily an agricultural state and enjoys the natural benefits of fertile soil and abundant water. The total area of the state is 50,362 square kilometers (Table 1). Total population is 2,77,04,236 (2011 census). Its average elevation is 300m from the sea level. Punjab extends from the latitudes 29°.30' North to 32°.32' North and longitudes 73°.55' East to 76°.50' East.

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 (Figure 1).



Figure 1 : Map of Punjab State, India

The Punjabi language written in Gurmukhi script is the official language of the state. 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.	Characteristics	Unit	Value
1.	Area	Sq. Km	50362
	(i) Rural-Area		48265
	(ii) Urban Area		2097
2.	Tehsils	Number	81
3.	Total Population (Census 2011)	Lakh	277.04
	(i) Urban population (%)		103.8 (37.5 %)
	(ii) Rural population (%)		173.2 (62.5 %)
4.	Density	per sq. km	550
5.	Female per 1000 Male	Number	893
6.	Literacy rate	%	76.7

2. S. A. S. Nagar District Profile

S.A.S. Nagar 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 S.A.S. Nagar, Kharar and Derabassi teshils (Table 2). It is located in the north-east part of Punjab and it includes 414 villages. The important townships in the district are Kharar, Kurali, Mohali, Zirakpur & Derabassi. There is rapid urbanization going on in S.A.S. Nagar and so migration from neighboring districts and states.

Table 2: S.A.S. Nagar district area administrative profile

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

Rural –Urban Composition

The area under S.A.S. Nagar district shows amalgamation of both urban and rural areas. As per 2011 census, 544611 (54.8%) of its population resides in urban area and the remaining in rural area (45.2%) (Table 3).

Table 3: Profile of S.A.S. Nagar District, Punjab, India

Sr.No.	Characteristics	Value
1.	Area	1094 sq. km
2.	Total Population (Census 2011)	994628
	(i) Urban population (%)	544611 (54.8%)
	(ii) Rural population (%)	450017 (45.2%)
3.	Population Density	830 per sq. km
4.	Sex ratio (Female per 1000 Male)	878
5.	Literacy Rate	84.9%

Health Infrastructure of S.A.S. Nagar District

S.A.S. 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 S. A. S. Nagar, Punjab

S.N	Institution	Count	Name of the Institution
1	District Hospital	1	S.A.S. Nagar
2	Sub Divisional Hospital	2	Kharar, Derabassi
3	Community Health Centres (CHC)	4	Kurali, Derabassi, Banur, Antala
4	Block Primary Health Centres (PHC)	3	Derabassi, Gharaun, Bhootgarh
5	PHC/Mini PHC	13	Lalru, Pandwala, Basauli, Majat, Landra, Phase 3b, Mullanpur, Chando, Palheri, Khijrabad, Gharaun, Bhootgarh, Khizargarh
6	Subsidiary Health Centres	44	
7	Health Sub Centres	76	
	Total	143	

Table 5: List of Private Hospital in S.A.S. Nagar, Punjab

S.N	Institution	Count	Name of the Institution
1	Main Private Hospitals	11	Fortis Super-speciality Hospital Behgal Hospital Max Super-speciality Hospital Amar Hospital Indus Super-speciality Hospital Harmony Hospital Gracian Super-speciality Hospital Ivy Hospital Shri Guru Harkrishan Hospital, Sohana Gian Sagar Hospital, Banur J.P Super-speciality Hospital
2	Pathology Laboratories	3	Helix Path Lab Nimbus Path Lab Sandhu Path lab

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 and private hospitals (empanelled under Mukhya Mantri Rahat Kosh Yojna) at S.A.S. Nagar to provide the data of cancer patients including demographic data to population based cancer registry for better cancer reporting (Figure 2). Due to administrative support from the state and district health department, we have very good cooperation from all the government as well as private empanelled hospitals.

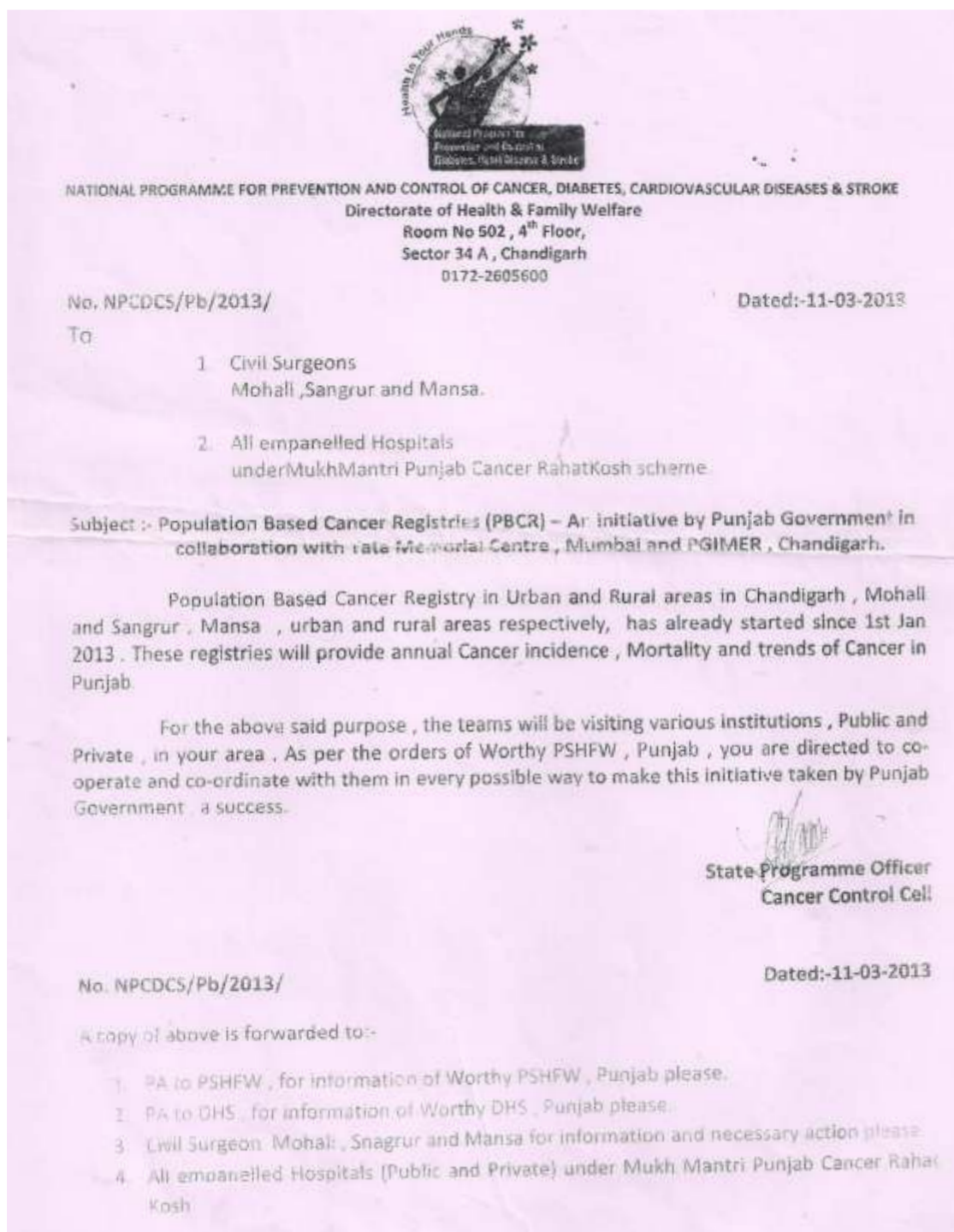


Figure 2: Office Order from State Programme Officer (Cancer Control Cell)

4. Population Covered by the Cancer Registry

PBCR, S.A.S. Nagar covered the whole population of S.A.S. Nagar i.e., ~ 1.1 million for the year 2013. It was estimated from the 2011 census (Table 6) population based on the annual growth rate.

Table 6: S.A.S. 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 S.A.S. Nagar-2013

The estimated midyear population for 2013 derived from the decadal growth rate between 2001 to 2011 census population is 10,77,017 among which 5,73,093 are males and 5,03,924 are females (Table 7). Estimated total urban population is 6,37,073 and rural population is 4,55,354. The population pyramid of S.A.S. Nagar is shown in Figure 3.

Table 7: Estimated Population by Age and Sex, S.A.S. Nagar 2013

Age group	Male		Female		Total	
	Number	%	Number	%	Number	%
0-4	52502	9.16	41854	8.31	94365	8.76
5-9	64527	11.26	53204	10.56	117738	10.93
10-14	67349	11.75	58098	11.53	125449	11.65
15-19	61637	10.76	51611	10.24	113253	10.52
20-24	55568	9.70	48099	9.54	103668	9.63
25-29	44812	7.82	41461	8.23	86269	8.01
30-34	39405	6.88	39070	7.75	78466	7.29
35-39	39510	6.89	37027	7.35	76532	7.11
40-44	33938	5.92	29684	5.89	63622	5.91
45-49	27863	4.86	24290	4.82	52153	4.84
50-54	22351	3.90	17487	3.47	39843	3.70
55-59	13888	2.42	13647	2.71	27532	2.56
60-64	14419	2.52	15439	3.06	29852	2.77
65-69	12763	2.23	13387	2.66	26145	2.43
70-74	10861	1.90	8764	1.74	19627	1.82
75+	11701	2.04	10800	2.14	22501	2.09
Total	573093	100.00	503924	100.00	1077017	100.00

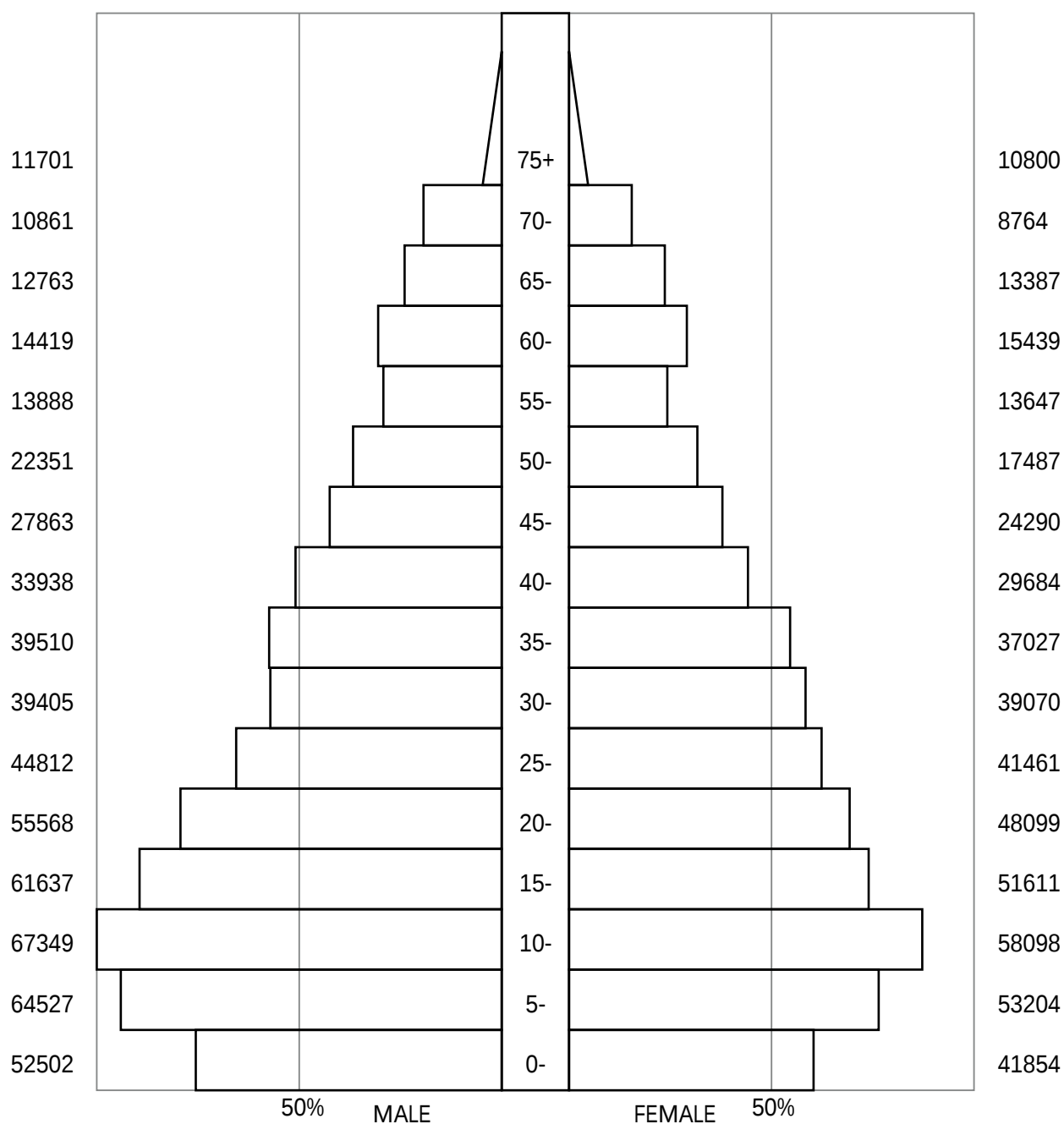


Figure 3: Population pyramid of S.A.S. Nagar as on 1st July 2013

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, S. A. S. 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 Speciality Hospital, Sector-16 (GMSH-16)	Chandigarh
4.	Kidney and Urology Centre, Sector-46	Chandigarh
5.	Chuttani Medical Centre, Sector-17	Chandigarh
6.	Fortis Hospital	Mohali
7.	Max Super Speciality Hospital	Mohali
8.	Indus Super Speciality Hospital	Mohali
9.	Ivy Hospital	Mohali
10.	Behgal Hospital	Mohali
11.	Civil Hospital	Mohali
12.	Harmony Hospital	Mohali
13.	Shri Guru Harkrishan Hospital, Sohana	Mohali
14.	Gracian Hospital	Mohali
15.	Gian Sagar Hospital, Banur	Mohali
16.	J.P Super-speciality Hospital	Mohali
17.	Amar Hospital	Mohali
18.	Acharya Tulsi Regional Cancer Treatment & Research Institute	Bikaner, Rajasthan
Pathology 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.	Helix Path Lab	Mohali
6.	Dr. Sandhu Path Lab	Mohali
7.	Nimbus Path Lab	Mohali
Other Sources		
1.	Birth and Death Registrar Office, Sector-17	Chandigarh
2.	Birth and Death Registrar Office, Sector-69	Mohali
3.	Cancer Cell	Mohali
4.	Birth and Death Registrar Office, Zirakpur	Zirakpur
5.	Birth and Death Registrar Office, Derabassi	Derabassi
6.	Birth and Death Registrar Office, Banur	Banur
7.	Birth and Death Registrar Office, Lalru	Lalru
8.	Birth and Death Registrar Office, Kharar	Kharar
9.	Birth and Death Registrar Office, Kurali	Kurali
10.	Birth and Death Registrar Office, Nayagaon	Nayagaon
11.	Cremation Ground, Balongi	Mohali

Cancer Death Cases

Registry staff routinely collects information on cancer mortality from all the above government and private health facilities, offices of Birth and Death Registrar and cremation ground. During data collection from death registers, the registry staff completes 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 including primary site, 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. 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 visit.

Cases notified through death certificates, for which the registry staff is 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)". Verbal autopsy (VA) was done for all DCO cases and cause of death coding was allotted by a medical doctor.

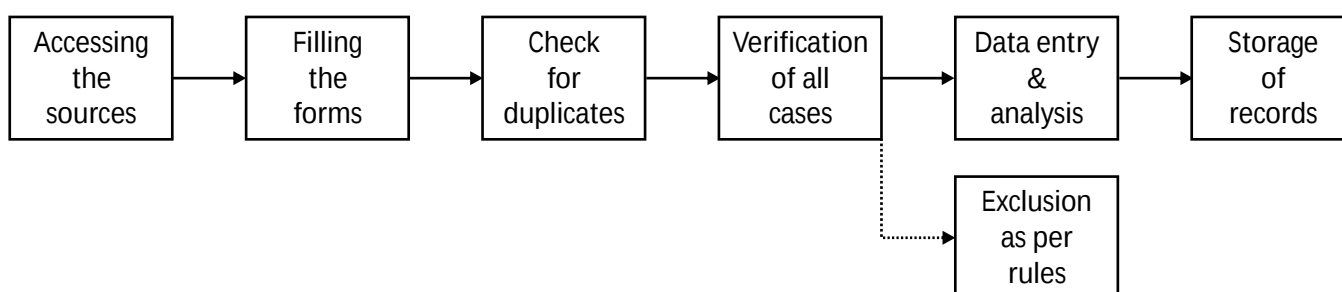
Data Collection and Registration

The registry staff periodically visits 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 pro-forma. 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 pro-forma in case of missing information in the primary pro-forma and the details 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 CanReg 5 (Figure 4).

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 2013, 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. All these forms are filed and stored separately.

Figure 4 : 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

S.A.S. Nagar is in the vicinity of Chandigarh hence most of the patients of this area visit PGIMER for better treatment. Moreover, S.A.S. 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 for early detection 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 of their respective village. The registry staff interacts 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 almost 100% sure about the residence confirmation of the cancer cases in urban and rural areas. Patient/patient's 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 2013, 769 incident cancer cases (males-334 and female-435) have been registered by PBCR S.A.S. Nagar. For the same period, 322 cancer deaths have been registered (176 males and 146 females). The overall M I ratio is 41.9% (males-52.7% and females-33.6%) which is good and comparable to other established urban PBCRs in India.

Re-abstraction of the cases

We registered 769 cases for 2013. Quality control exercise was carried out for the improvement of the records and as well as for the capacity building of the staff. An independent medical doctor from PGIMER, Chandigarh selected 76 cases (randomly 10% cases) for re-abstraction. The overall agreement level was found to be 96.3%. The agreement level for demographic details i.e. name, age, sex and address was found to be 99.3% whereas that for tumour details i.e. date of diagnosis, primary site, histology and behavior was found to be 94.1%. During the quality control exercise, it was observed that the staff required retraining in abstraction of cases of unknown primary sites, metastatic cases

and lymphoma-leukemia cases. Based on this finding the staff was retrained at TMC/PGIMER Chandigarh. The error observed was corrected and data was modified.

Microscopic Verification of the Cases

In the year 2013, out of 334 cases in men, we had 306 (91.6%) cases diagnosed on basis of microscopic verification. 2.1% cases were diagnosed on the basis of radiological findings. Most of the other and unspecified cases were diagnosed on the basis of radiological findings (e.g. lymph node, primary site unknown cases). Similarly in females, out of 435 cases, we had 413 cases (94.9%) diagnosed on basis of microscopic verification. Around 2% cases were diagnosed on radiological findings. Overall proportion of microscopically verified cases was 93.5% for incident cases.

Death Certificate Only (DCO) Cases

We registered 15 incident cases in males (4.5%) and 15 cases in females (3.5%) under DCO category. The death cases had been registered based on the narration/relative remarks/ discharge summary available with the patient's relative. In principle, they were not registered based on death certificate only. The registry reported less than 5% of DCO cases among the new cases per source case registration.

Average Number of Sources Per Case Registered

We had also seen the number of sources per case registered. The cases were counted as per source notification. In S.A.S. Nagar the average number of sources per case registered is 2.1. The coverage of sources is very good in the cancer registration process.

Incidence Rates of Childhood Cancers

In the year 2013, we had registered 15 cases in boys and 11 cases in girls. The age specific incidence rates reported for the paediatric cancer is low. We might have missed some paediatric cancer cases. The age specific incidence rate by sex is mentioned below in table 9.

Table 9: Incidence Rate of Paediatric Cancer Cases in S.A.S. Nagar District: 2013

Age Group	Boys		Girls	
	Number of Cases	Age specific incidence rate	Number of cases	Age specific Rate incidence rate
0_4	4	7.6	6	14.3
5_9	6	9.3	3	5.6
10_14	5	7.4	2	3.4

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 2013-Source wise Distribution

Sr. No.	Name of the Institution	Male	%	Female	%	Total	%
1	PGIMER, Chandigarh	194	58.1	235	54	429	55.8
2	GMCH 32, Chandigarh	41	12.3	51	11.7	92	12
3	Max Super Speciality Hospital, Mohali	24	7.2	37	8.5	61	7.9
4	Civil Hospital, Mohali	19	5.7	22	5.1	41	5.3
5	Ivy Hospital, Mohali	10	2.9	25	5.7	35	4.6
6	Fortis Hospital, Mohali	10	2.9	23	5.3	33	4.3
7	Behgal Hospital, Mohali	6	1.8	7	1.6	13	1.7
8	Indus Hospital, Mohali	5	1.5	6	1.4	11	1.4
9	Shri Guru Harkrishan Hospital, Sohana	4	1.2	4	0.9	8	1
10	Gracian Hospital, Mohali	2	0.6	5	1.2	7	0.9
11	Gian Sagar Hospital, Banur	1	0.3	5	1.2	6	0.8
12	Kidney and Urology Centre, Chandigarh	3	0.9	1	0.2	4	0.5
13	Birth and Death Registrar Office, Chandigarh	3	0.9	1	0.2	4	0.5
14	Birth and Death Registrar Office, Zirakpur	2	0.6	2	0.5	4	0.5
15	Malhotra Lab, Chandigarh	1	0.3	1	0.2	3	0.4
16	Birth and Death Registrar Office, Sec- 69, Mohali	2	0.6	1	0.2	3	0.4
17	Birth and Death Registrar Office, Kurali	2	0.6	1	0.2	3	0.4
18	GMSH 16, Chandigarh	0	0	2	0.5	2	0.3
19	Medicos Path lab, Chandigarh	0	0	2	0.5	2	0.3
20	Village visits	0	0	2	0.5	2	0.3
21	Birth and Death Registrar Office, Derabassi	2	0.6	0	0	2	0.3
22	Harmony Hospital, Chandigarh	1	0.3	0	0	1	0.1
23	Birth and Death Registrar Office, Bannur	1	0.3	0	0	1	0.1
24	Birth and Death Registrar Office, Lalru	1	0.3	0	0	1	0.1
25	Birth and Death Registrar Office, Nayagaon	0	0	1	0.2	1	0.1
26	Acharya Tulsi Regional Cancer Treatment and Research Institute, Bikaner	0	0	1	0.2	1	0.1
	Total All Sources	334	100	435	100	769	100

Table 11: Cancer Mortality Cases 2013-Source wise Distribution

Sr. No.	Name of the Institution	Male	%	Female	%	Total	%
1	PGIMER, Chandigarh	81	46	51	34.9	132	40.99
2	Civil Hospital, Mohali	31	17.6	35	24	66	20.49
3	GMCH 32, Chandigarh	15	8.5	8	5.5	23	7.14
4	IVY Hospital, Mohali	4	2.3	8	5.5	12	3.72
5	Birth and Death Registrar, Chandigarh	6	3.4	5	3.4	11	3.41
6	Birth and Death Registrar Office, Zirakpur	4	2.2	5	3.4	9	2.79
7	Max Super-Specialty Hospital, Mohali	5	2.8	3	2.1	8	2.48
8	Village visits	3	1.7	5	3.4	8	2.48
9	Birth and Death Registrar Office, Sec-69, Mohali	5	2.8	2	1.3	7	2.17
10	Birth and Death Registrar Office, Kurali	5	2.8	2	1.3	7	2.17
11	Behgal Hospital, Mohali	5	2.8	1	0.6	6	1.86
12	Fortis Hospital, Mohali	1	0.6	4	2.7	5	1.55
13	Gian Sagar Hospital, Banur	1	0.5	4	2.7	5	1.55
14	Birth and Death Registrar Office, Derabassi	3	1.7	2	1.3	5	1.55
15	Gracian Hospital, Mohali	0	0	4	2.7	4	1.24
16	Birth and Death Registrar Office, Bannur	2	1.1	2	1.3	4	1.24
17	Indus Hospital, Mohali	2	1.1	1	0.7	3	0.93
18	Kidney & Urology Centre, Chandigarh	2	1.1	0	0	2	0.62
19	Shri Guru Harkrishan Hospital, Sohana	0	0	1	0.7	1	0.31
20	Malhotra Lab, Chandigarh	1	0.5	0	0	1	0.31
21	Birth and Death Registrar Office, Lalru	0	0	1	0.7	1	0.31
22	Birth and Death Registrar Office, Nayagaon	0	0	1	0.7	1	0.31
23	Birth and Death Registrar Office, Kharar	0	0	1	0.7	1	0.31
	Total All sites	176	100	146	100	322	100

9. Cancer Incidence and Mortality – All Sites

There are 769 new cancer cases registered in S.A.S. Nagar district in 2013. Out of which 334 cases were in males and 435 cases in females. The age adjusted incidence rate for male is 74.3 per 100000 population and for females 104.2 per 100000 population.

Similarly, 322 cancer mortality cases were registered for the year 2013, among these, 176 male cases and 146 female cases. The age adjusted mortality rate for male is 38.9 per 100000 population and for females, it is 33.6 per 100000 population. The age adjusted cancer incidence and mortality rate for all sites for males and females are presented in Figure 5.

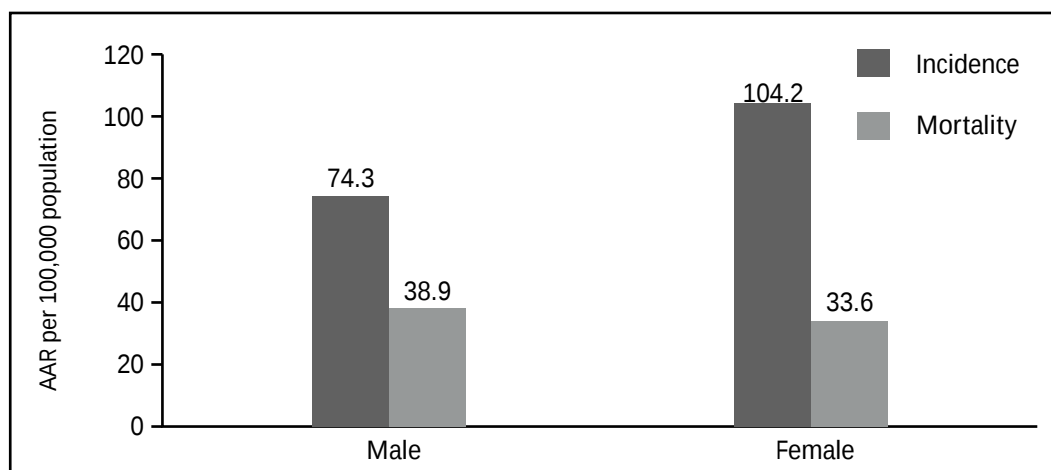


Figure 5: All Sites Cancer Incidence and Mortality Rate by Sex, S.A.S. Nagar, 2013

10. Leading Cancer Sites by Sex

Among males, lung, oesophagus, prostate, tongue, gall bladder, liver, mouth and brain are the leading cancer sites. In females, breast, cervix uteri, ovary, gall bladder, corpus uteri, Non Hodgkin lymphoma, oesophagus, myeloid leukemia, mouth and lung are the leading cancer sites. The top ten leading cancer sites for male and female are presented in figure 6 & 7.

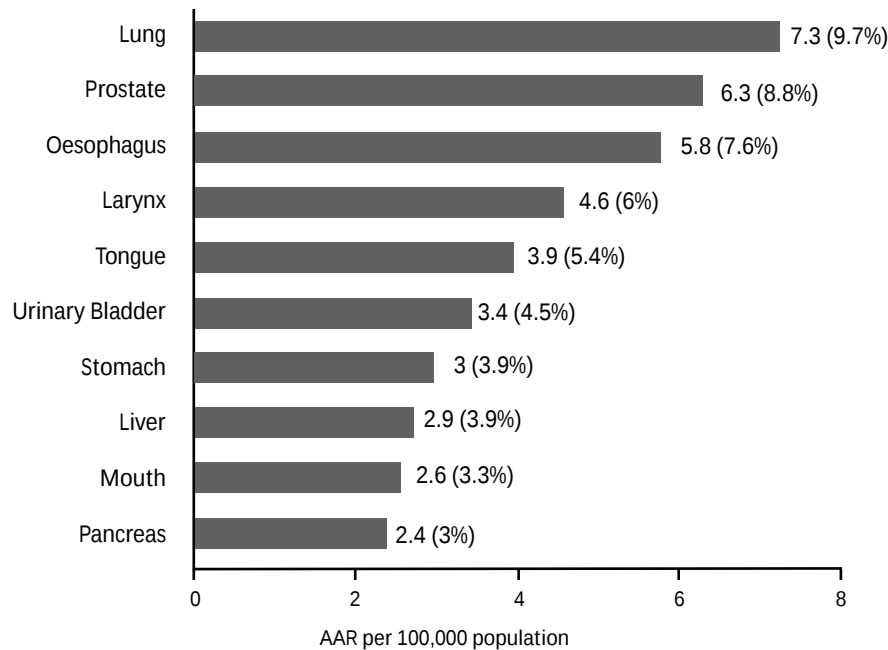


Figure 6: Leading Cancer Sites in Male - All cases 2013 (Relative proportion in parenthesis)

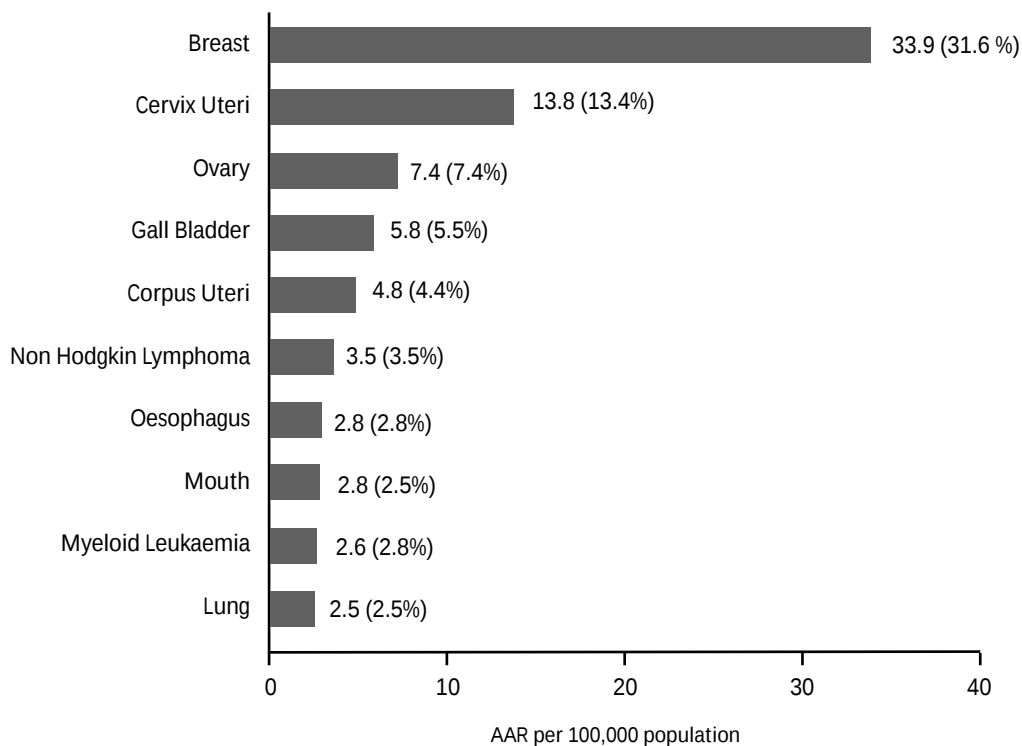


Figure 7: Leading Cancer Sites in Female - All cases 2013 (Relative proportion in parenthesis)

Cancer of Lung (C33 – C34)

	Male	Female
Number of cases	32	11
% to total cases	9.7	2.5
Crude incidence rate per 100,000 population	5.6	2.2
Age adjusted incidence rate per 100,000 population	7.3	2.5
Truncated rate per 100,000 population	16.1	4.7

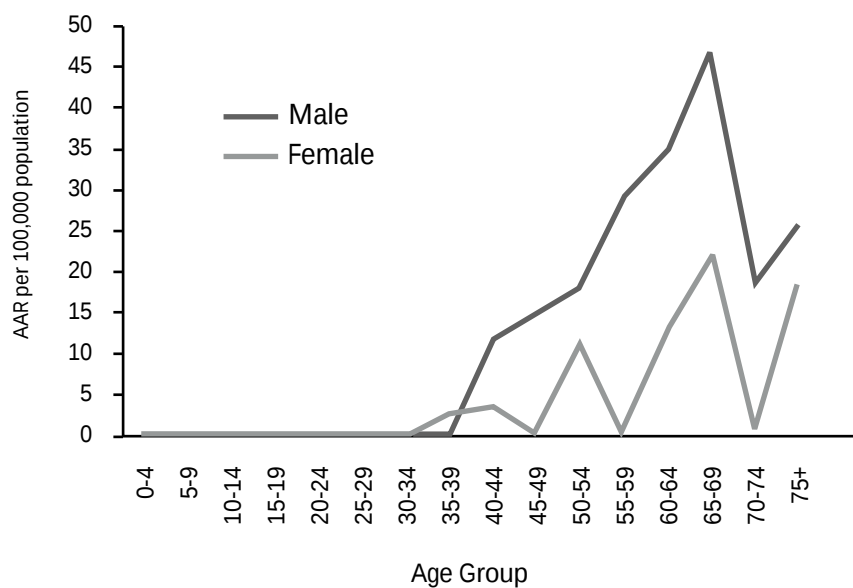


Figure 8: Age Specific Incidence Rate of Cancer Lung (C33-C34)

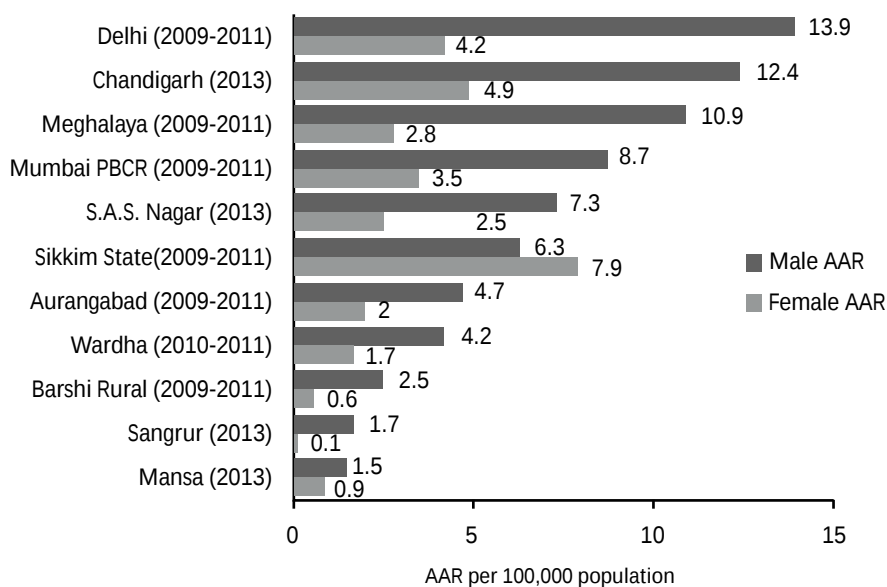


Figure 9: Comparison of Lung Cancer Incidence Rate with other Indian Registries

Cancer of Prostate (C61)

Number of cases	29
% to total cases	8.8
Crude incidence rate per 100,000 population	5.1
Age adjusted incidence rate per 100,000 population	6.3
Truncated rate per 100,000 population	9.6

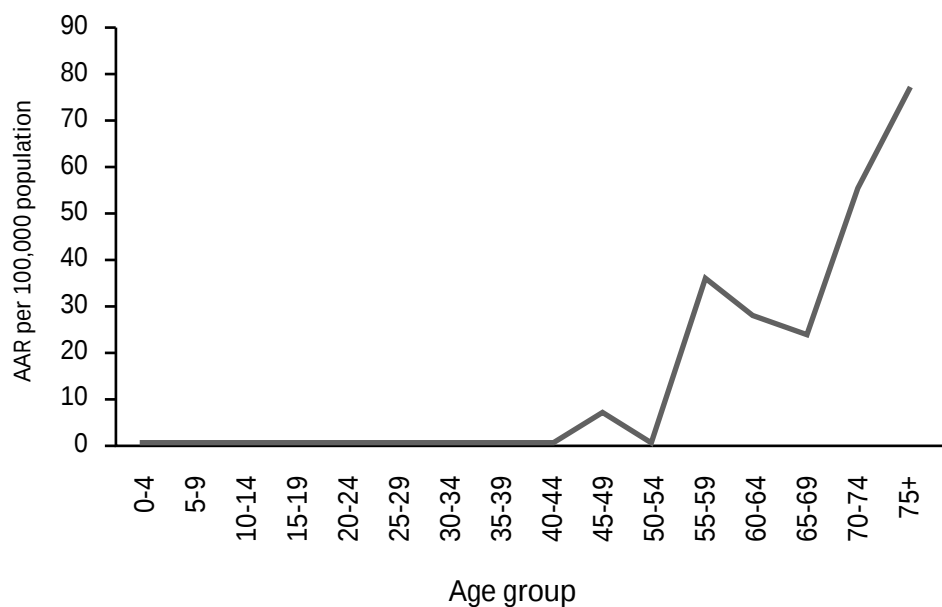


Figure 10: Age Specific Incidence Rate of Cancer Prostate (C61)

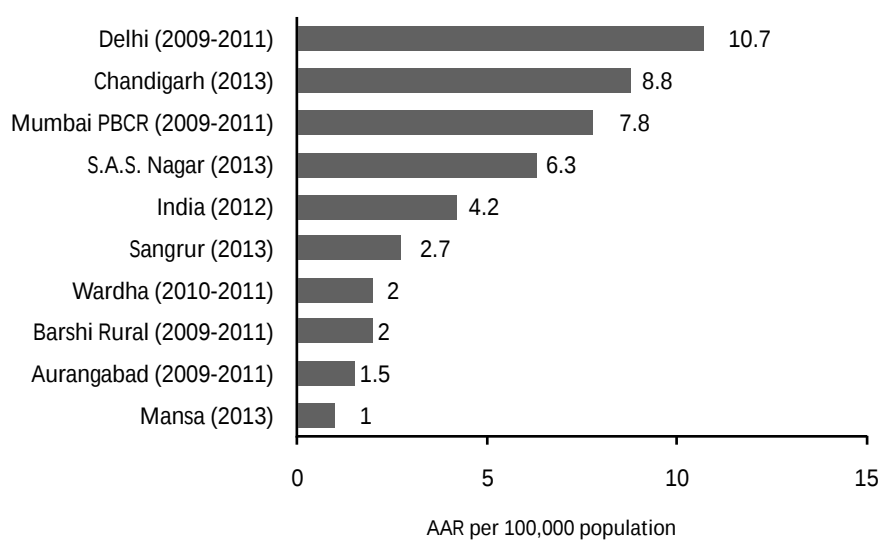


Figure 11: Comparison of Prostate Cancer Incidence Rate with other Indian Registries

Cancer of Oesophagus (C15)

	Male	Female
Number of cases	25	12
% to total cases	7.6	2.8
Crude incidence rate per 100,000 population	4.4	2.4
Age adjusted incidence rate per 100,000 population	5.8	2.8
Truncated rate per 100,000 population	11.1	5.9

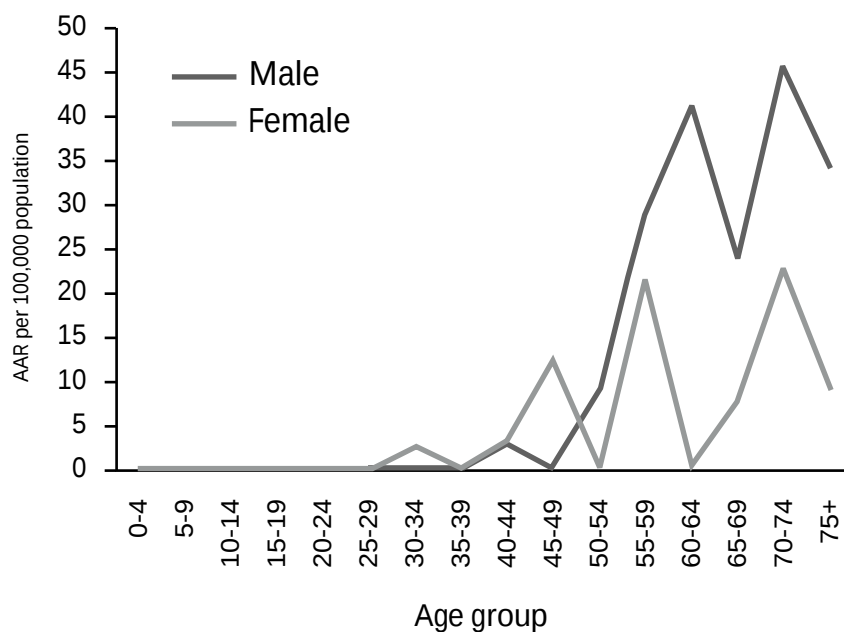


Figure 12: Age Specific Incidence Rate of Cancer Oesophagus (C15)

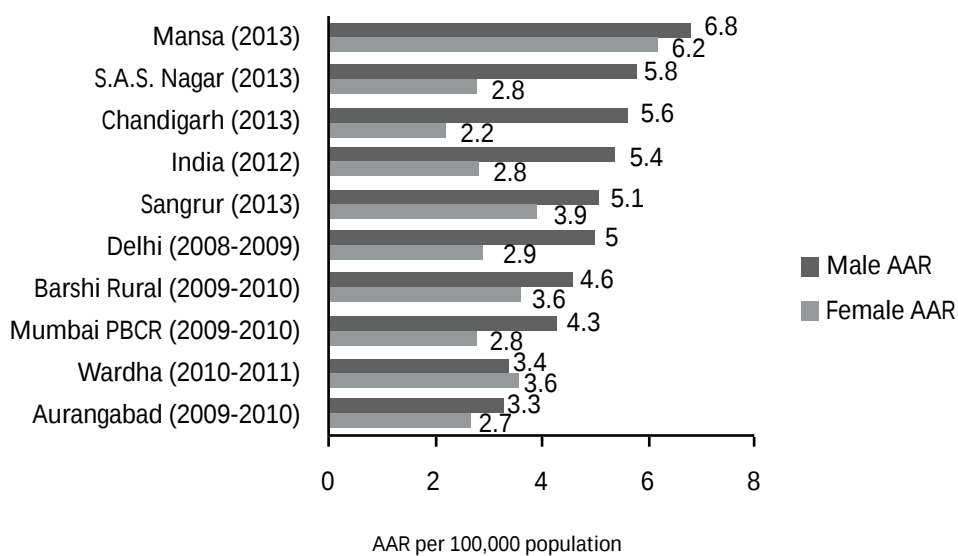


Figure 13: Comparison of Oesophagus Cancer Incidence Rate with other Indian Registries

Cancer of Larynx (C32)

	Male
Number of cases	20
% to total cases	6.0
Crude incidence rate per 100,000 population	3.5
Age adjusted incidence rate per 100,000 population	4.6
Truncated rate per 100,000 population	12.4

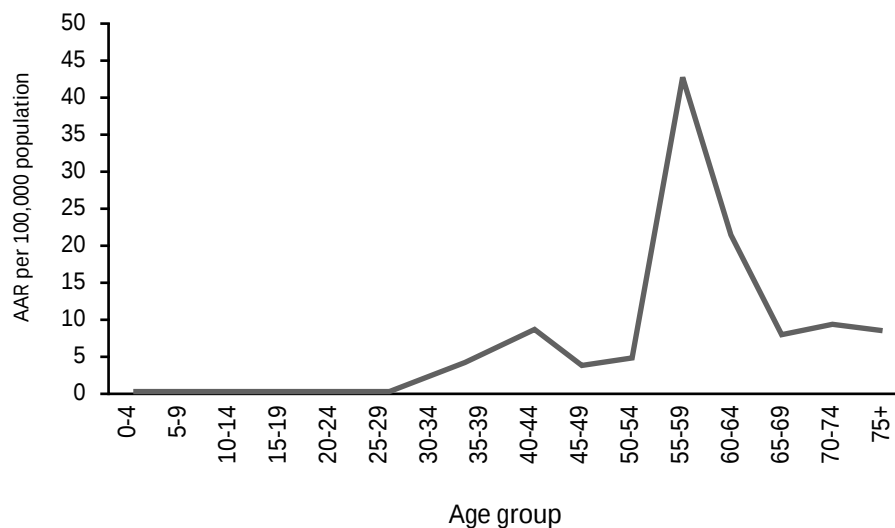


Figure 14: Age Specific Incidence Rate of Cancer Larynx (C32)

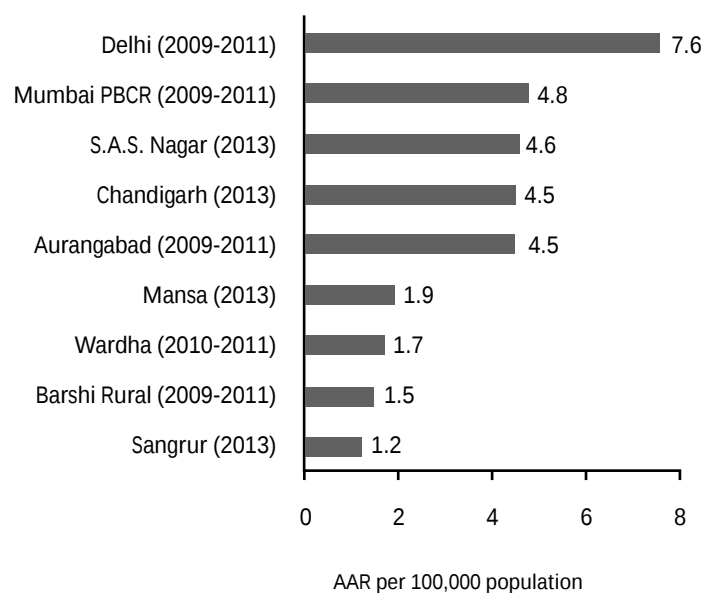


Figure 15: Comparison of Larynx Cancer Incidence Rate with other Indian Registries

Cancer of Tongue (C01-02)

	Male	Female
Number of cases	18	3
% to total cases	5.4	0.7
Crude incidence rate per 100,000 population	3.1	0.6
Age adjusted incidence rate per 100,000 population	3.9	0.8
Truncated rate per 100,000 population	8	2.7

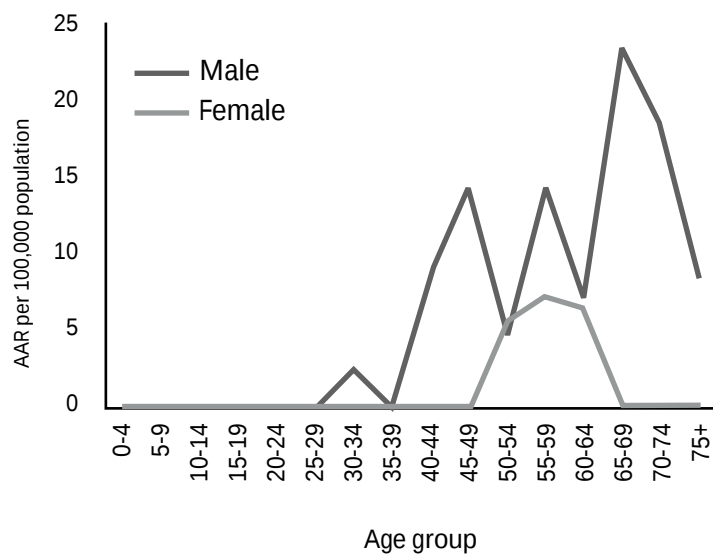


Figure 16: Age Specific Incidence Rate of Cancer Tongue (C01-02)

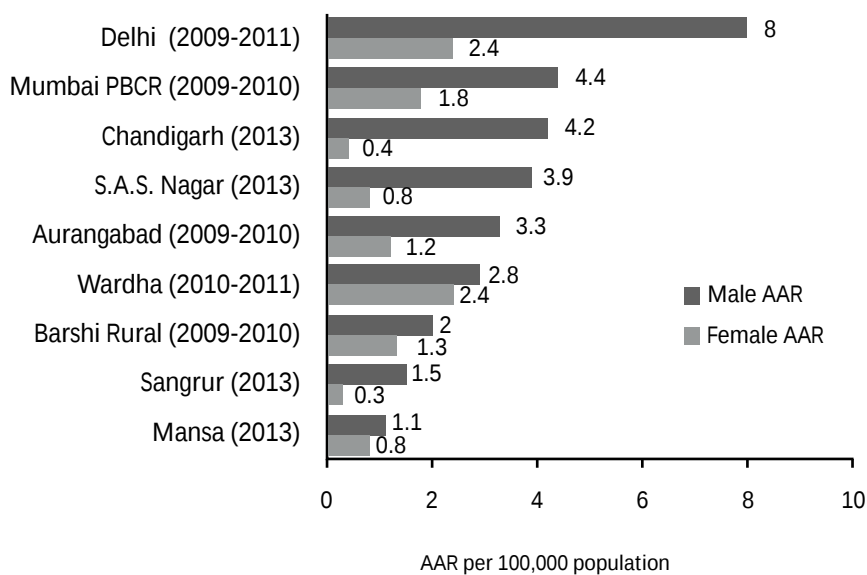


Figure 17: Comparison of Tongue Cancer Incidence Rate with other Indian Registries

Cancer of Breast (C50)

Number of cases	137
% to total cases	31.6
Crude incidence rate per 100,000 population	27.2
Age adjusted incidence rate per 100,000 population	33.9
Truncated rate per 100,000 population	90.7

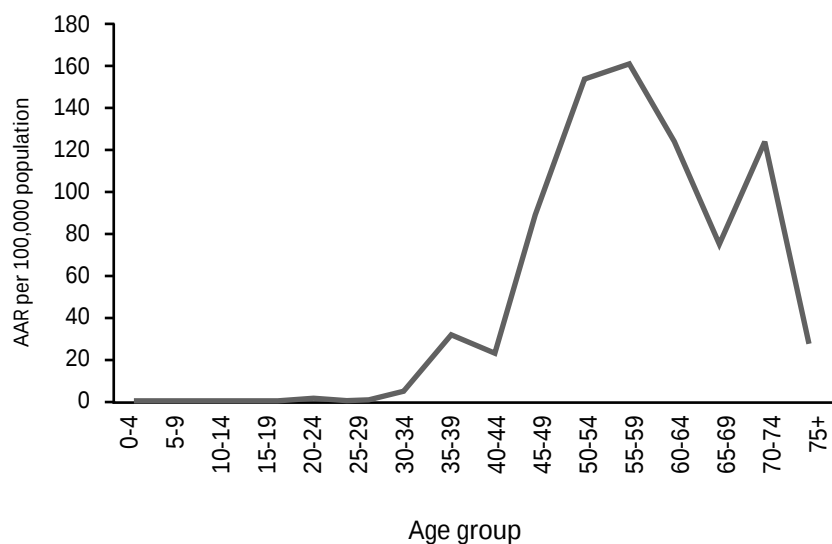


Figure 18: Age Specific Incidence Rate of Cancer Breast (C50)

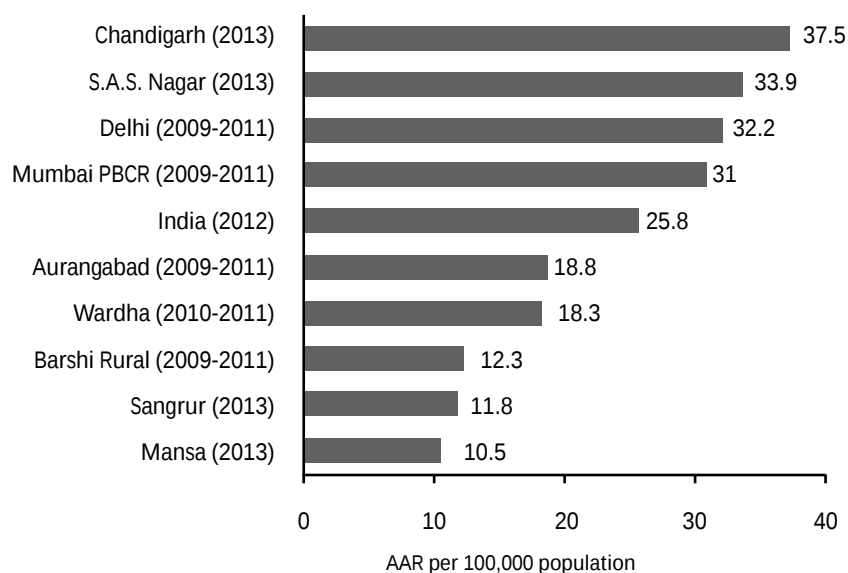


Figure 19: Comparison of Breast Cancer Incidence Rate with other Indian Registries

Cancer of Cervix Uteri (C53)

Number of cases	58
% to total cases	13.4
Crude incidence rate per 100,000 population	11.5
Age adjusted incidence rate per 100,000 population	13.8
Truncated rate per 100,000 population	90.7

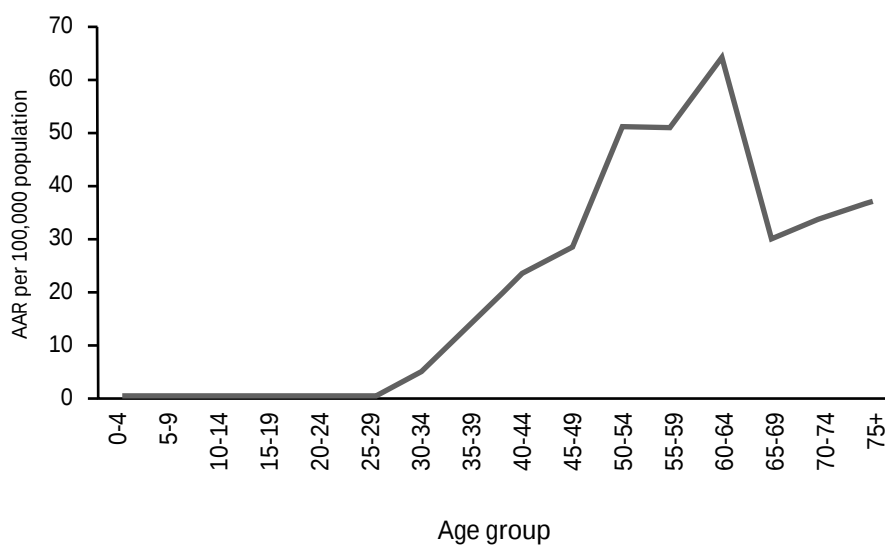


Figure 20: Age Specific Incidence Rate of Cancer Cervix Uteri (C50)

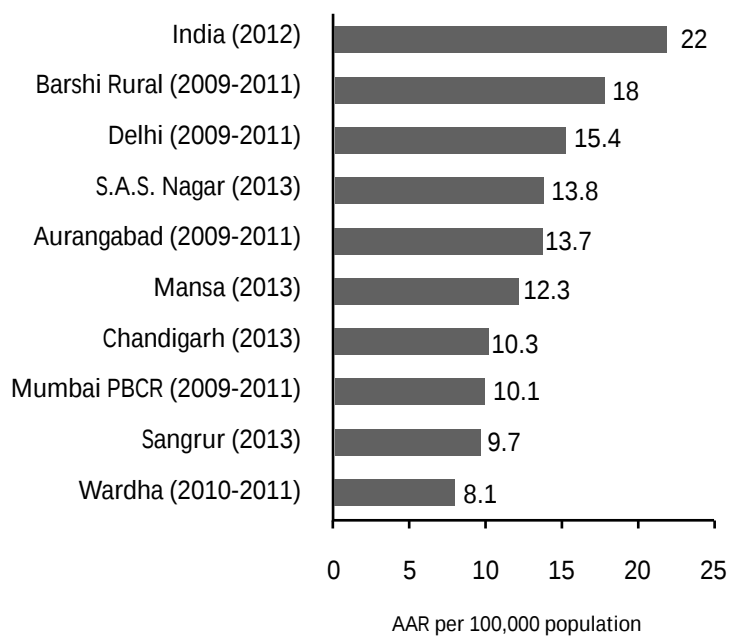


Figure 21: Comparison of Cervix Uteri Cancer Incidence Rate with other Indian Registries

Cancer of Ovary (C56)

Number of cases	32
% to total cases	7.4
Crude incidence rate per 100,000 population	6.4
Age adjusted incidence rate per 100,000 population	7.4
Truncated rate per 100,000 population	18.2

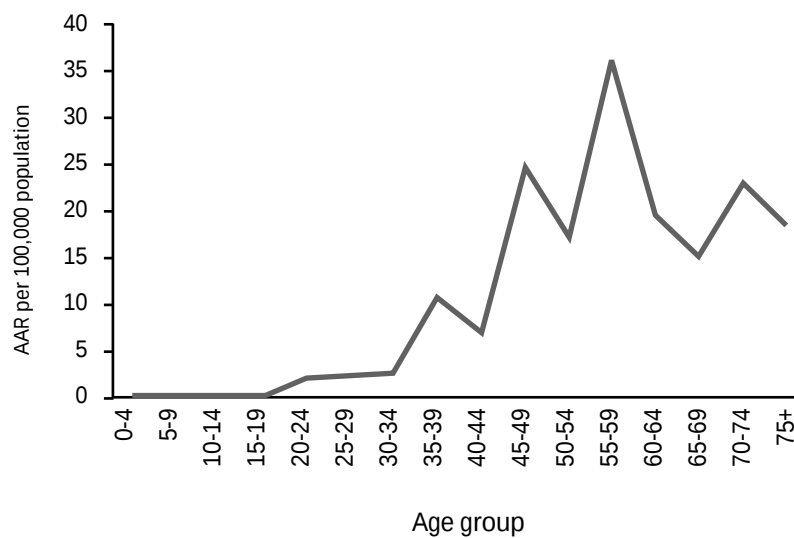


Figure 22: Age Specific Incidence Rate of Cancer Ovary (C56)

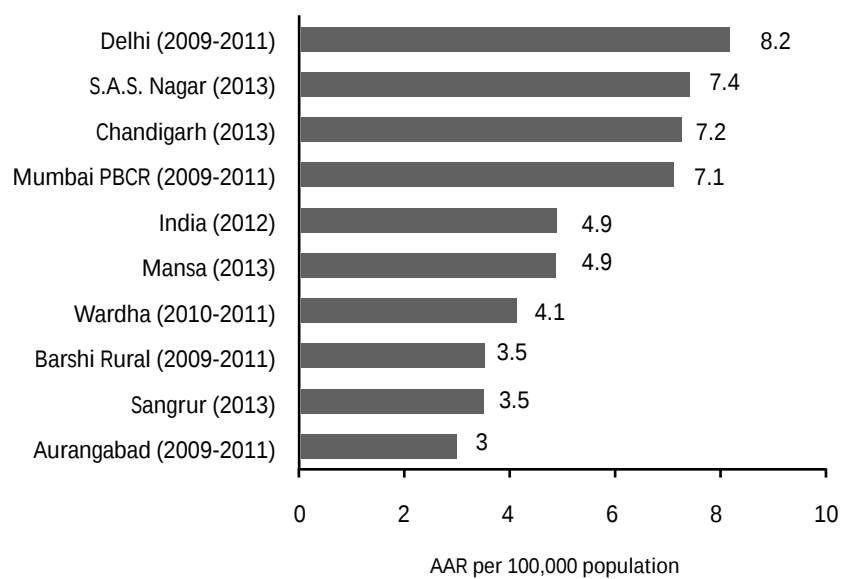


Figure 23: Comparison of Ovarian Cancer Incidence Rate with other Indian Registries

Cancer of Gall Bladder (C23-24)

	Male	Female
Number of cases	8	24
% to total cases	2.4	5.5
Crude incidence rate per 100,000 population	1.4	4.8
Age adjusted incidence rate per 100,000 population	1.8	5.8
Truncated rate per 100,000 population	3.2	11.6

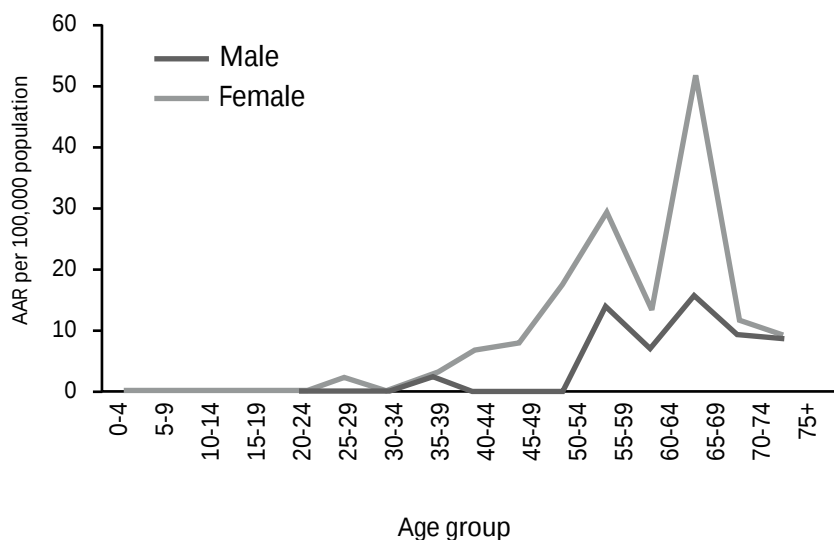


Figure 24: Age Specific Incidence Rate of Cancer Gall Bladder (C23-24)

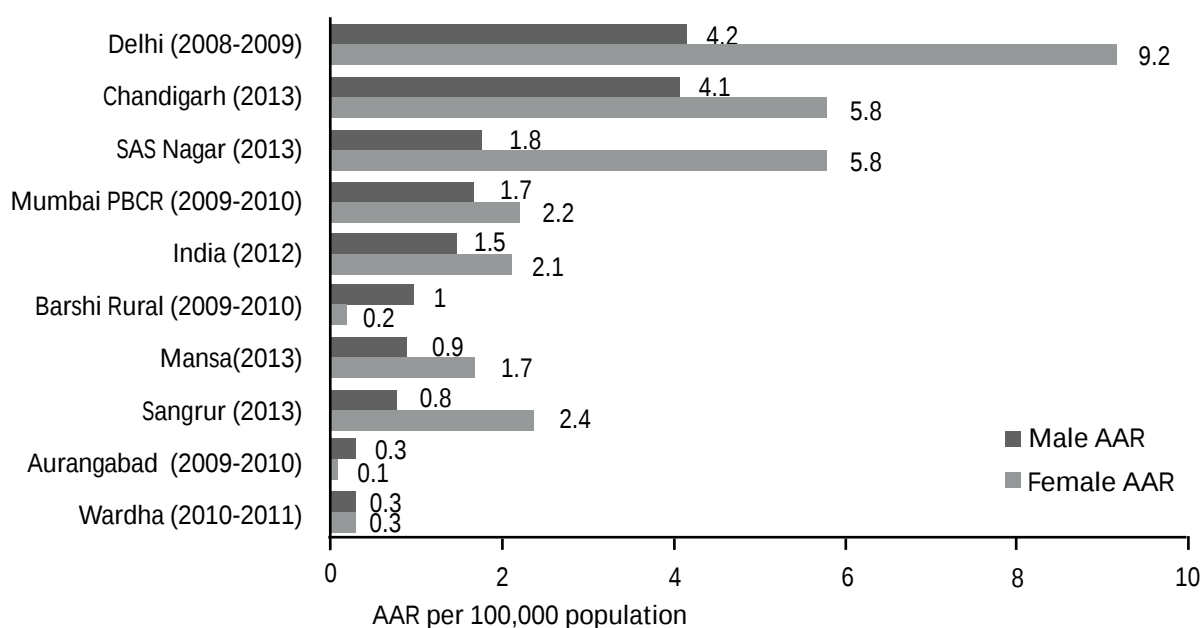


Figure 25: Comparison of Gall Bladder Cancer Incidence Rate with other Indian Registries

Cancer of Corpus Uteri (C54)

Number of cases	19
% to total cases	4.4
Crude incidence rate per 100,000 population	3.8
Age adjusted incidence rate per 100,000 population	4.8
Truncated rate per 100,000 population	11.1

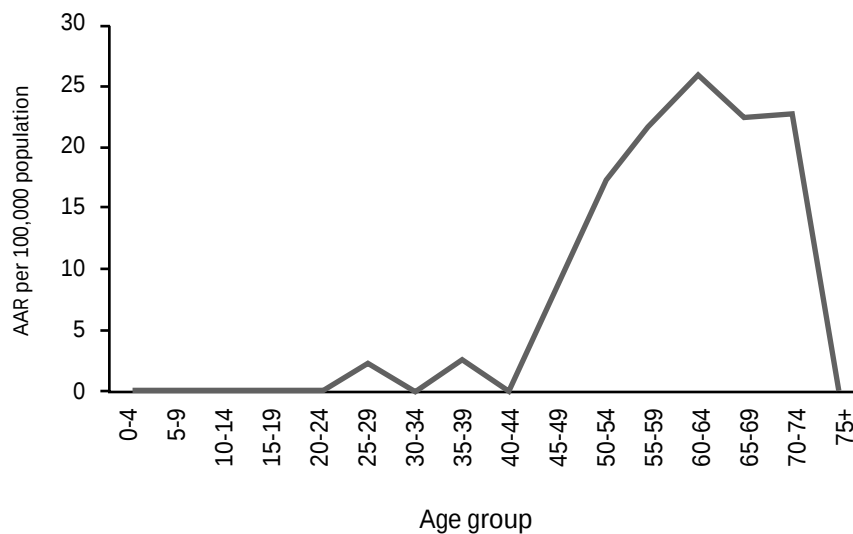


Figure 26: Age Specific Incidence Rate of Cancer Corpus Uteri (C54)

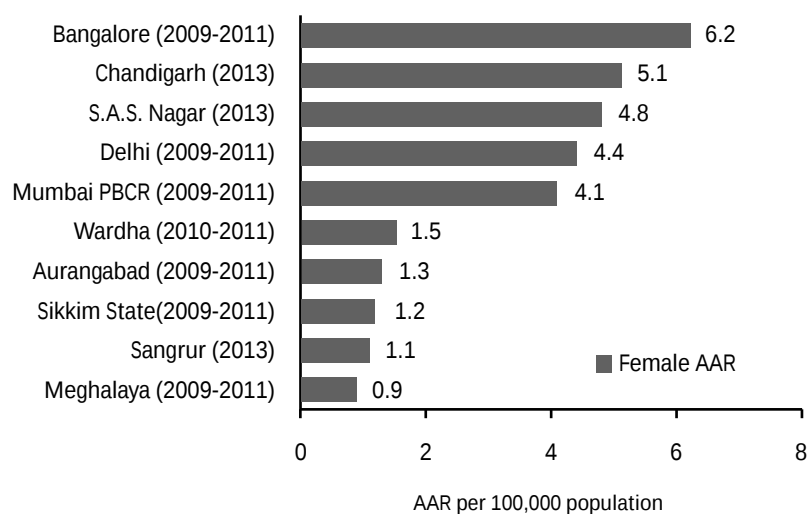


Figure 27: Comparison of Corpus Uteri Cancer Incidence Rate with other Indian Registries



Figure 28: Age Specific Incidence and Mortality Rate – Male



Figure 29 : 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 is a good indicator of an ideal cancer registry (Table 12 & Table 13)

Table 12: Other and Unspecified Cases Distribution by Sex

ICD	Male		Female	
	Number	%	Number	%
C48	3	0.9	0	0
C76	4	1.2	2	0.5
C 79	1	0.3	1	0.2
C80	17	5.1	13	3
Total	25/334	7.6	16/435	3.7

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

	Male	Female
Number of cases	25	16
% to total cases	7.6	3.7
Crude incidence rate per 100,000 population	4.4	3.2
Age adjusted incidence rate per 100,000 population	5.2	3.8
Truncated rate per 100,000 population	9.4	8.8



Figure 30 : Age Specific Incidence Rate of Cancer of Other and Unspecified Primary Site

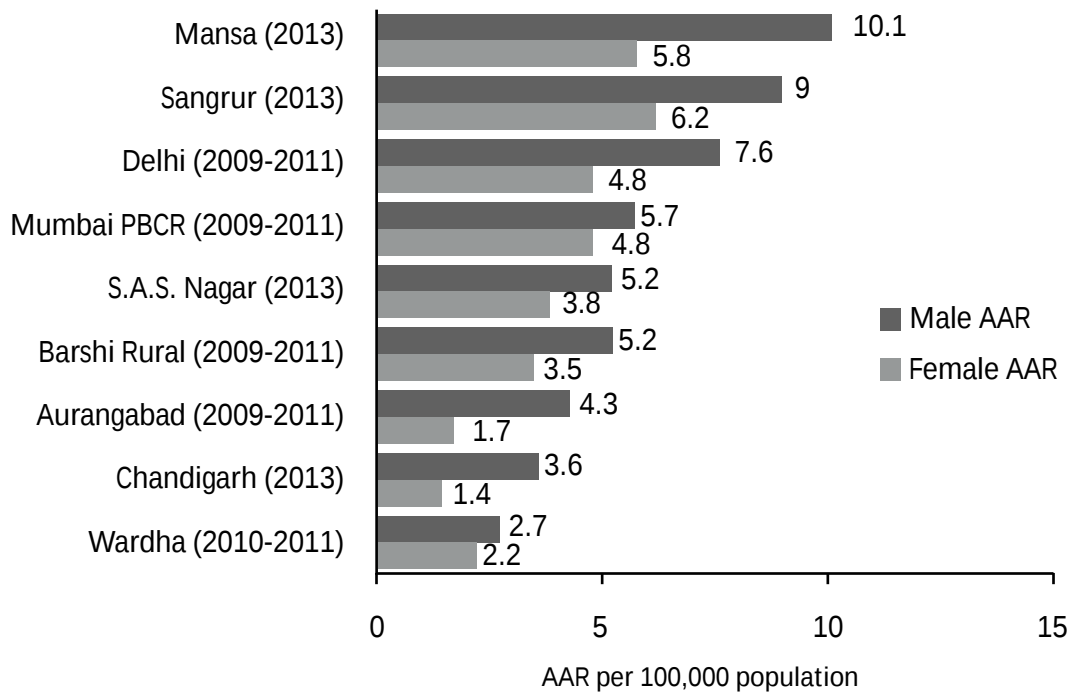
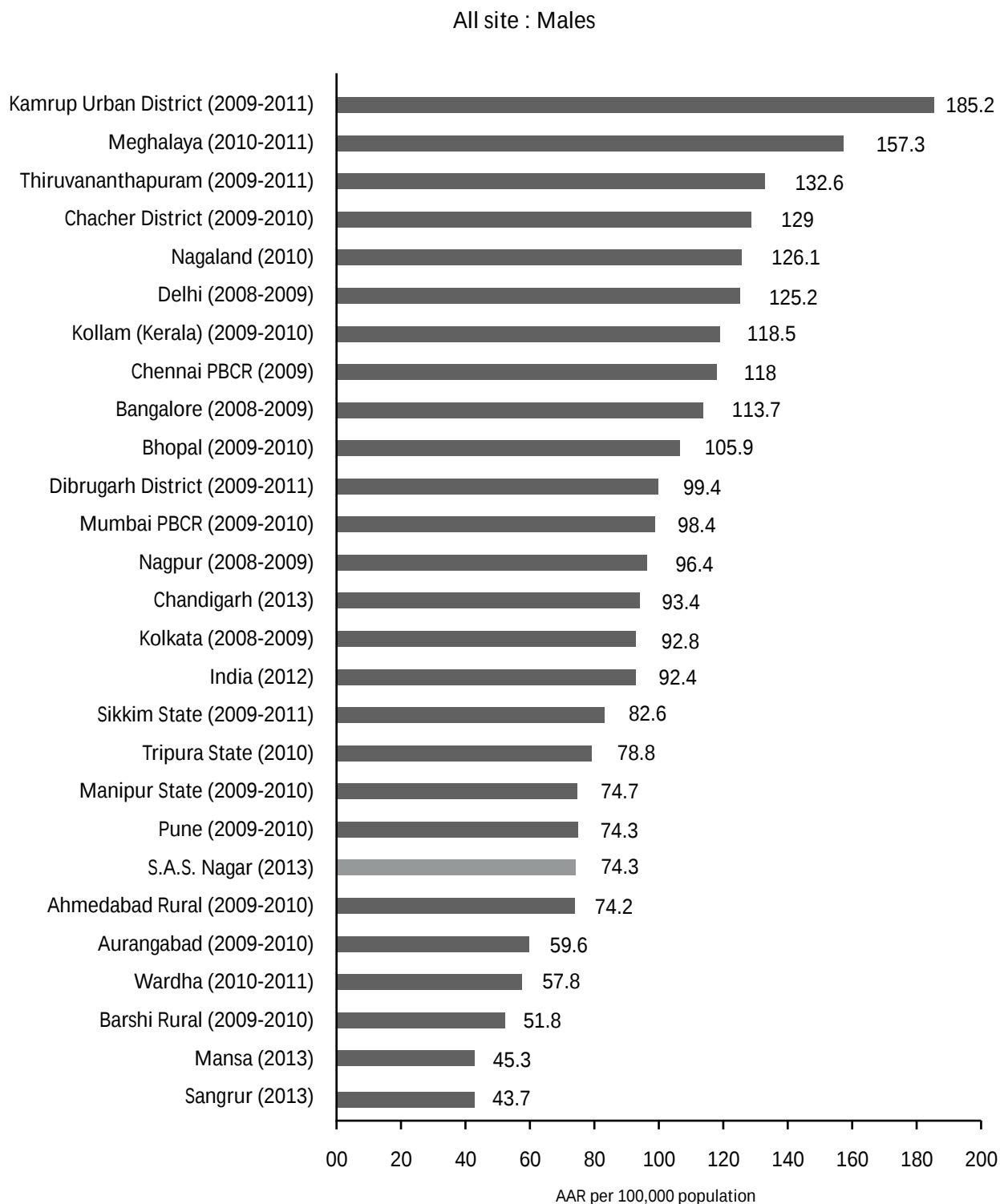


Figure 31: Comparison of Other and Unspecified Cancers Incidence Rate with other Indian Registries

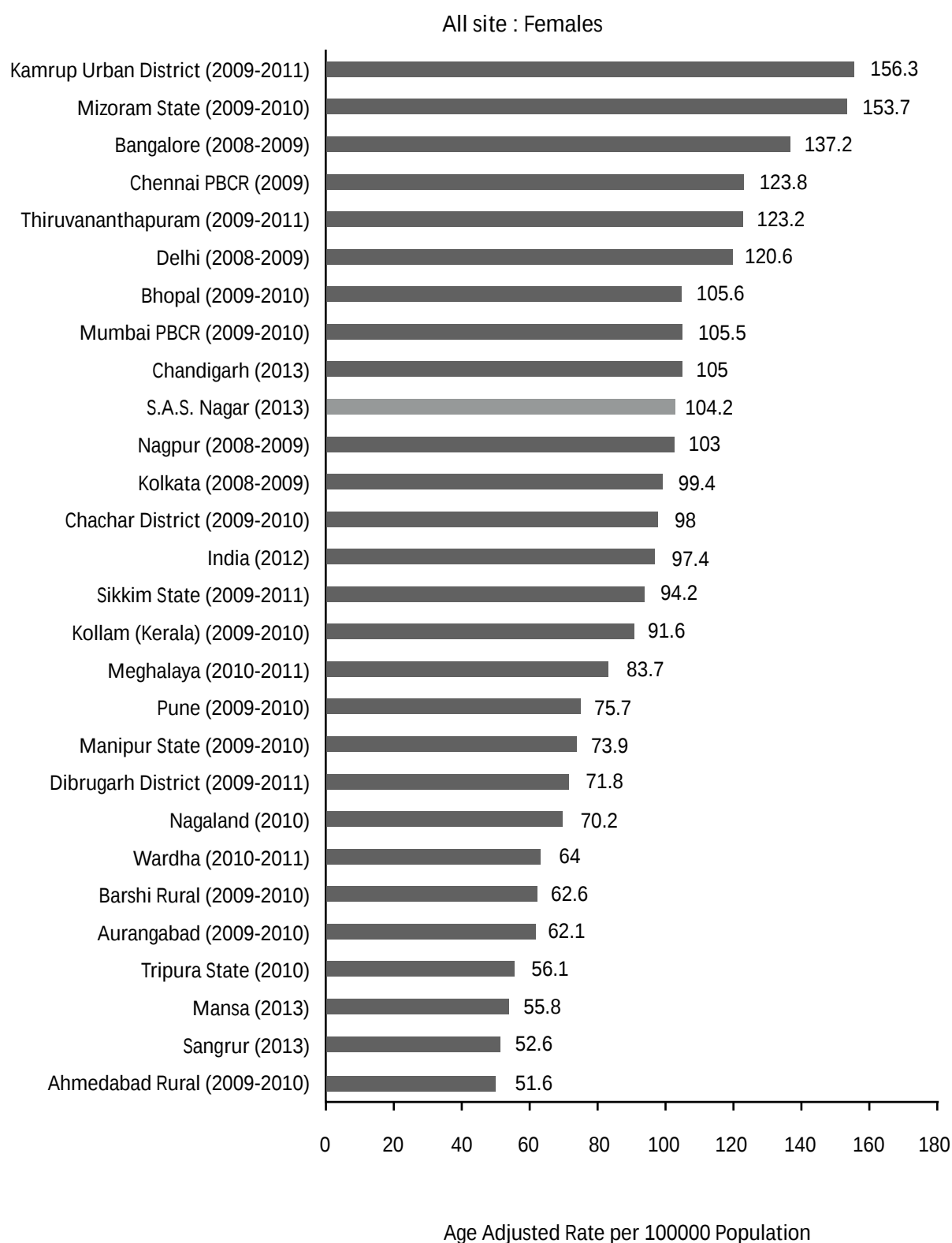
11. Comparison of Cancer Incidence Rate with other Indian Registries

Age adjusted rate for all cancer sites for both sexes of S.A.S. Nagar for the year 2013 is compared with the rates of other PBCRs of India (Figure 32 & 33). The AAR for males in S.A.S. Nagar is little higher than national average and is very well lower than Delhi and Bangalore. Among females, the estimate for S.A.S. Nagar district is very well above the national average and presents nearly an equal rate with Mumbai.



Source: NCRP-ICMR- Three year report of PBCR 2009-2011, Bangalore: 2013, Globocan 2012.

Figure 32: Comparison of all Cancer Site AAR of S.A.S. Nagar with other Registries, India - Male



Source: NCRP-ICMR- Three year report of PBCR 2009-2011, Bangalore: 2013, Globocan 2012.

Figure 33 : Comparison of all Cancer Site AAR of S.A.S. Nagar with other Registries, India-Female

12. Under Registration / Under Diagnosed Cases

The Truncated rate in males is 146.6 per 100000 population and age adjusted rate is 74.3 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 241.7 per 100000 population and age adjusted rate is 104.2 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 is also possibility that the registry under-registered paediatric cancer cases since the calculated rates are low compared with other Indian registries.

13. Hurdles in Establishing the Urban PBCR

- Initially, permission 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 health facilities except 2 path labs and 1 hospital (in Chandigarh area) which refused to provide the data.
- There is lack of stability of population. Due to the ongoing rapid urbanization process in S.A.S. 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 S.A.S. 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 addresses and phone numbers on the hospital files or in pathology lab reports was one of the problems in tracing the case during home visits by registry staff.
- Retention of trained staff- In the initial period, few trained registry staffs left the job in place 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.
- Lack of sufficient manpower makes it difficult to cover the complete geographical area in the limited time period.
- 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 staff filled total 1413 forms for the year 2013 and finally registered 769 incident cancer cases i.e., 54.4% of the filled forms after scrutiny of all cases. There are around 23% of duplicate forms from different sources and 11% belonged to other year. Around 9.3% of patients found out to be from other states who gave registry area address at registration source (Table 14).

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

Sr.No.	Name	Number of Cases
1	Total number of cancer cases registered	769 (54.4%)
2	Other Year	159 (11.3%)
3	Other State	131 (9.3%)
4	Duplicates	332 (23.5%)
5	Fibro adenoma, lipoma and other benign tumors	1 (0.1%)
6	Incomplete address	13 (0.9%)
7	Address not traceable	8 (0.6%)
Total number of forms filled		1413

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 2013 to 31st December 2013 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.

$$CR = \frac{\text{Number of new cancer cases observed in 2013}}{\text{Estimated Population of the same year}} \times 100000$$

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 across the geographical 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): 2013 – Males S.A.S. Nagar District
% = Relative Proportion of Cancers of All Sites

ICD 10	Sites	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C01-02	Tongue	-	-	-	-	-	-	1	-	3	4	1	2	1	3	2	1	18	5.4
C03-06	Mouth	-	-	-	-	-	-	-	-	-	2	2	2	2	1	2	0	11	3.3
C07-C08	Salivary glands	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	3	0.9
C09	Tonsil	-	-	-	-	-	-	-	-	-	2	-	2	1	1	1	-	7	2.1
C10	Other Oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C12-C13	Hypopharynx	-	-	-	-	-	-	-	-	-	-	-	-	3	1	2	-	6	1.8
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	2	0.6
C15	Oesophagus	-	-	-	-	-	-	-	-	1	-	2	4	6	3	5	4	25	7.6
C16	Stomach	-	-	-	-	-	-	1	-	-	1	1	1	5	1	1	2	13	3.9
C17	Small Intestine	-	-	-	-	-	1	-	1	-	-	-	2	-	-	-	1	5	1.5
C18	Colon	-	-	-	-	-	-	-	-	-	-	1	2	2	2	1	2	10	3
C19-C20	Rectum	-	-	-	-	-	-	1	1	-	1	1	2	2	-	1	-	9	2.7
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	-	-	-	2	1	2	1	-	6	1.8
C22	Liver	-	-	-	-	-	1	-	1	1	1	2	2	2	2	-	1	13	3.9
C23-C24	Gall Bladder	-	-	-	-	-	-	-	1	-	-	-	2	1	2	1	1	8	2.4
C25	Pancreas	-	-	-	-	-	-	-	-	-	-	-	3	2	1	2	2	10	3.0
C30-C31	Nose, sinuses etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C32	Larynx	-	-	-	-	-	-	1	2	3	1	1	6	3	1	1	1	20	6.0
C33-C34	Lung	-	-	-	-	-	-	-	-	4	4	4	4	5	6	2	3	32	9.7
C37-C38	Other Thoracic organ	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C40-C41	Bone	-	-	1	-	1	-	-	-	1	-	1	-	-	-	-	-	4	1.
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C44	Other Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	3	0.9
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft tissue	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-	-	3	0.9
C50	Breast	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C60	Penis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C61	Prostate	-	-	-	-	-	-	-	-	-	2	-	5	4	3	6	9	29	8.
C62	Testis	-	-	-	-	-	-	1	1	-	1	-	-	-	-	-	-	3	0.9
C63	Other male genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C64	Kidney etc.	-	-	-	-	-	-	1	-	-	1	1	-	1	1	-	-	5	1.5
C65	Renal pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C67	Bladder	-	-	-	-	-	-	-	-	-	2	1	1	3	3	2	3	15	4.5
C68	Uns. Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C69	Eye	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.3
C70-C72	Brain, NS	1	2	2	-	-	-	-	-	1	-	-	2	-	2	-	1	11	3.3
C73	Thyroid	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.3
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C81	Hodgkin Disease	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	1	4	1.2
C82-C85, C96	NHL	-	-	-	1	1	-	-	1	-	1	-	2	1	2	1	-	10	3.0
C88	Imm. disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C90	Multiple myeloma	-	-	-	-	-	-	-	-	-	-	2	-	2	1	-	1	6	1.8
C91	Lymphoid Leukemia	2	1	-	-	-	-	-	-	-	-	-	-	2	-	-	-	5	1.5
C92-C94	Myeloid Leukemia	-	-	1	-	2	-	-	-	-	1	1	-	2	2	-	-	9	2.7
C95	Leukemia Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.3
	Other & Unspecified	-	1	1	-	-	-	1	1	1	1	3	3	3	2	3	5	25	7.6
	Total	4	6	5	1	5	2	7	10	17	25	25	50	56	46	34	41	334	100.0

*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): 2013 – Females S.A.S. Nagar District
% = Relative Proportion of Cancers of All Sites

ICD 10	Sites	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C01-C02	Tongue	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	3	0.7
C03-C06	Mouth	-	-	-	1	-	-	-	-	-	2	1	4	1	1	1	-	11	2.5
C07-C08	Salivary gland	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.2
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C10	Other Oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.2
C12-C13	Hypopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.2
C15	Oesophagus	-	-	-	-	-	-	1	-	1	3	-	3	-	1	2	1	12	2.8
C16	Stomach	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	2	0.5
C17	Small intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C18	Colon	-	-	-	-	-	-	-	-	2	1	1	-	-	-	1	2	7	1.6
C19-C20	Rectum	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	3	0.7
C21	Anus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.2
C22	Liver	-	-	-	-	-	-	1	-	-	-	2	1	-	3	2	-	9	2.1
C23-C24	Gall Bladder	-	-	-	-	-	1	-	1	2	2	3	4	2	7	1	1	24	5.5
C25	Pancreas	-	-	-	-	-	-	1	-	-	2	-	-	-	1	1	-	5	1.2
C30-C31	Nose, Sinuses etc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C32	Larynx	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	3	0.7
C33-C34	Lung	-	-	-	-	-	-	-	1	1	-	2	-	2	3	-	2	11	2.5
C37-C38	Other Thoracic organ	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	0.2
C40-C41	Bone	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	0.5
C43	Melanoma of skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C44	Other skin	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	2	0.5
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C47+C49	Conn & soft tissue	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	3	0.7
C50	Breast	-	-	-	-	1	-	2	12	7	23	27	22	19	10	11	03	137	31.6
C51	Vulva	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	2	0.5
C52	Vagina	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.2
C53	Cervix Uteri	-	-	-	-	-	-	2	5	7	7	9	7	10	4	3	4	58	13.4
C54	Corpus Uteri	-	-	-	-	-	1	-	1	-	2	3	3	4	3	2	-	19	4.4
C55	Uterus unspecified	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	2	0.5
C56	Ovary etc.	-	-	-	-	1	1	1	4	2	6	3	5	3	2	2	2	32	7.4
C57	Other female genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C58	Placenta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C64	Kidney	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.2
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C67	Bladder	-	-	-	-	-	-	-	-	1	-	-	-	1	-	4	-	6	1.4
C68	Other urinary organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C70-C72	Brain, NS	-	1	2	-	-	-	-	1	1	1	1	1	-	1	-	1	10	2.3
C73	Thyroid	-	-	-	-	-	-	1	-	-	-	1	2	1	-	-	-	5	1.2
C74	Adrenal gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C81	Hodgkins Disease	-	1	-	-	1	1	-	1	-	1	-	-	-	1	-	-	6	1.4
C82-C85,C96	NHL	1	-	-	1	-	1	-	1	-	-	1	1	4	2	1	2	15	3.5
C88	Imm. disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
C90	Multiple Myeloma	-	-	-	-	-	1	-	1	-	-	2	-	-	2	-	1	7	1.6
C91	Lymphoid Leukemia	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	0.9
C92-C94	Myeloid Leukemia	-	-	-	-	-	-	2	1	3	2	1	1	1	-	-	1	12	2.8
C95	Leukemia Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
	Other & Unspecified	-	-	-	-	-	-	-	1	1	2	2	-	5	1	2	2	16	3.7
	Total	6	3	2	2	3	7	11	31	31	55	62	59	58	44	37	24	435	100.0

* 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 population in 2013, S.A.S. 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	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C01-02	18	-	-	-	-	-	-	2.5	-	8.8	14.4	4.5	14.4	6.9	23.5	18.4	8.5	3.1	3.9	8
C03-06	11	-	-	-	-	-	-	-	-	-	7.2	8.9	14.4	13.9	7.8	18.4	-	1.9	2.6	6.5
C07-08	3	-	-	-	-	-	-	-	-	-	-	-	-	-	15.7	-	8.5	0.5	0.6	0
C09	7	-	-	-	-	-	-	-	-	-	7.2	-	14.4	6.9	7.8	9.2	-	1.2	1.7	4.1
C10	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C11	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C12-13	6	-	-	-	-	-	-	-	-	-	-	-	-	20.8	7.8	18.4	-	1.0	1.4	2.7
C14	2	-	-	-	-	-	-	-	-	2.9	-	4.5	-	-	-	-	-	0.3	0.4	1.3
C15	25	-	-	-	-	-	-	-	-	2.9	-	8.9	28.8	41.6	23.5	46.0	34.2	4.4	5.8	11.1
C16	13	-	-	-	-	-	-	2.5	-	-	3.6	4.5	7.2	34.7	7.8	9.2	17.1	2.3	3.0	6.8
C17	5	-	-	-	-	-	2.2	-	2.5	-	-	-	14.4	-	-	-	8.5	0.9	1.1	2.4
C18	10	-	-	-	-	-	-	-	-	-	-	4.5	14.4	13.9	15.7	9.2	17.1	1.7	2.4	4.4
C19-20	9	-	-	-	-	-	-	2.5	2.5	-	3.6	4.5	14.4	13.9	-	9.2	-	1.6	2.1	5.6
C21	6	-	-	-	-	-	-	-	-	-	-	-	14.4	6.9	15.7	9.2	-	1.0	1.5	2.8
C22	13	-	-	-	-	-	2.2	-	2.5	2.9	3.6	8.9	14.4	13.9	15.7	-	8.5	2.3	2.9	6.9
C23-24	8	-	-	-	-	-	-	-	2.5	-	-	-	14.4	6.9	15.7	9.2	8.5	1.4	1.8	3.2
C25	10	-	-	-	-	-	-	-	-	-	-	-	21.6	13.9	7.8	18.4	17.1	1.7	2.4	4.6
C30-31	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C32	20	-	-	-	-	-	-	2.5	5.1	8.8	3.6	4.5	43.2	20.8	7.8	9.2	8.5	3.5	4.6	12.4
C33-34	32	-	-	-	-	-	-	-	-	11.8	14.4	17.9	28.8	34.7	47.0	18.4	25.6	5.6	7.3	16.1
C37-38	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C40-41	4	-	-	1.5	-	1.8	-	-	-	2.9	-	4.5	-	-	-	-	-	0.7	0.7	1.3
C43	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C44	3	-	-	-	-	-	-	-	-	-	-	-	-	-	15.7	-	8.5	0.5	0.6	0
C45	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C46	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C47,C49	3	-	-	-	-	-	-	-	2.5	2.9	-	-	-	6.9	-	-	-	0.5	0.6	2
C50	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C60	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C61	29	-	-	-	-	-	-	-	-	-	7.2	-	36.0	27.7	23.5	55.2	76.9	5.1	6.3	9.6
C62	3	-	-	-	-	-	-	2.5	2.5	-	3.6	-	-	-	-	-	-	0.5	0.5	1.2
C63	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C64	5	-	-	-	-	-	-	2.5	-	-	3.6	4.5	-	6.9	7.8	-	-	0.9	1.1	2.3
C65	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C66	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C67	15	-	-	-	-	-	-	-	-	-	7.2	4.5	7.2	20.8	23.5	18.4	25.6	2.6	3.4	5.7
C68	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C69	1	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.2	0
C70-72	11	1.9	3.1	3.0	-	-	-	-	-	2.9	-	-	14.4	-	15.7	-	8.5	1.9	2.2	2.4
C73	1	-	-	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-	0.2	0.3	0.9
C74	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C75	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C81	4	-	3.1	-	-	1.8	-	-	-	-	-	-	-	-	-	-	8.5	0.7	0.6	0
C82-85, C96	10	-	-	-	1.6	1.8	-	-	2.5	-	3.6	-	14.4	6.9	15.7	9.2	-	1.7	2.2	3.9
C88	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C90	6	-	-	-	-	-	-	-	-	-	-	8.9	-	13.9	7.8	-	8.5	1.0	1.4	3.2
C91	5	3.8	1.5	-	-	-	-	-	-	-	-	-	-	13.9	-	-	-	0.9	1.2	1.8
C92-94	9	-	-	1.5	-	3.6	-	-	-	-	3.6	4.5	-	13.9	15.7	-	-	1.6	1.9	3.2
C95	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.5	0.2	0.2	0
MDS	1	-	-	-	-	-	-	-	-	-	-	-	-	6.9	-	-	-	0.2	0.3	0.9
O&U	25	-	1.5	1.5	-	-	-	2.5	2.5	2.9	3.6	13.4	21.6	20.8	15.7	27.6	42.7	4.4	5.2	9.4
All	334	7.6	9.3	7.4	1.6	9.0	4.5	17.8	25.3	50.1	89.7	111.9	360.0	388.4	360.4	313.0	350.4	58.3	74.3	146.6

*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 population in 2013, S.A.S. 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	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C01-02	3	-	-	-	-	-	-	-	-	-	-	5.7	7.3	6.5	-	-	-	0.6	0.8	2.7
C03-06	11	-	-	-	1.9	-	-	-	-	-	8.2	5.7	29.3	6.5	7.5	11.4	-	2.2	2.8	7.1
C07-08	1	-	-	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-	0.2	0.3	0.9
C09	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C10	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C11	1	-	-	-	-	-	-	-	-	-	-	-	7.3	-	-	-	-	0.2	0.3	0.9
C12-13	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C14	1	-	-	-	-	-	-	-	-	-	-	-	-	-	7.5	-	-	0.2	0.2	0
C15	12	-	-	-	-	-	-	2.6	-	3.4	12.4	-	22.0	-	7.5	22.8	9.3	2.4	2.8	5.9
C16	2	-	-	-	-	-	-	-	2.7	-	-	5.7	-	-	-	-	-	0.4	0.4	1.4
C17	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C18	7	-	-	-	-	-	-	-	-	6.7	4.1	5.7	-	-	-	11.4	18.5	1.4	1.5	3
C19-20	3	-	-	-	-	-	-	-	-	-	-	-	7.3	6.5	7.5	-	-	0.6	0.8	1.8
C21	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.4	-	0.2	0.2	0
C22	9	-	-	-	-	-	-	2.6	-	-	-	11.4	7.3	-	22.4	22.8	-	1.8	2.1	2.8
C23-24	24	-	-	-	-	-	2.4	-	2.7	6.7	8.2	17.2	29.3	13.0	52.3	11.4	9.3	4.8	5.8	11.6
C25	5	-	-	-	-	-	-	2.6	-	-	8.2	-	-	-	7.5	11.4	-	1.0	1.1	1.6
C30-31	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C32	3	-	-	-	-	-	-	-	-	-	-	-	-	13.0	-	-	9.3	0.6	0.7	1.7
C33-34	11	-	-	-	-	-	-	-	2.7	3.4	-	11.4	-	13.0	22.4	-	18.5	2.2	2.5	4.7
C37-38	1	-	-	-	-	-	2.4	-	-	-	-	-	-	-	-	-	-	0.2	0.2	0
C40-41	2	2.4	-	-	-	-	-	-	-	3.4	-	-	-	-	-	-	-	0.4	0.5	0.7
C43	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C44	2	-	-	-	-	-	-	-	-	3.4	4.1	-	-	-	-	-	-	0.4	0.4	1.4
C45	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C46	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C47,C49	3	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	22.8	-	0.6	0.7	0
C50	137	-	-	-	-	2.1	-	5.1	32.4	23.6	94.7	154.4	161.2	123.1	74.7	125.5	27.8	27.2	33.9	90.7
C51	2	-	-	-	-	-	-	-	-	3.4	-	-	-	-	-	11.4	-	0.4	0.4	0.7
C52	1	-	-	-	-	-	-	-	-	-	-	5.7	-	-	-	-	-	0.2	0.3	0.9
C53	58	-	-	-	-	-	-	5.1	13.5	23.6	28.8	51.5	51.3	64.8	29.9	34.2	37.0	11.5	13.8	36
C54	19	-	-	-	-	-	2.4	-	2.7	-	8.2	17.2	22.0	25.9	22.4	22.8	-	3.8	4.8	11.1
C55	2	-	-	-	-	-	-	-	-	-	-	-	7.3	6.5	-	-	-	0.4	0.6	1.8
C56	32	-	-	-	-	2.1	2.4	2.6	10.8	6.7	24.7	17.2	36.6	19.4	14.9	22.8	18.5	6.4	7.4	18.2
C57	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C58	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C64	1	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.3	0
C65	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C66	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C67	6	-	-	-	-	-	-	-	-	3.4	-	-	-	6.5	-	45.6	-	1.2	1.4	1.5
C68	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C69	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C70-72	10	-	1.9	3.4	-	-	-	-	2.7	3.4	4.1	5.7	7.3	-	7.5	-	9.3	2.0	2.1	3.8
C73	5	-	-	-	-	-	-	2.6	-	-	-	5.7	14.7	6.5	-	-	-	1.0	1.3	3.6
C74	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C75	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C81	6	-	1.9	-	-	2.1	2.4	-	2.7	-	4.1	-	-	-	7.5	-	-	1.2	1.2	1.3
C82-85, C96	15	2.4	-	-	1.9	-	2.4	-	2.7	-	-	5.7	7.3	25.9	14.9	11.4	18.5	3.0	3.5	5.7
C88	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
C90	7	-	-	-	-	-	2.4	-	2.7	-	-	11.4	-	-	14.9	-	9.3	1.4	1.6	2.4
C91	4	4.8	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	9.3	0.8	0.9	0
C92-94	12	-	-	-	-	-	-	5.1	2.7	10.1	8.2	5.7	7.3	6.5	-	-	9.3	2.4	2.6	6.8
C95	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
MPD	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
MDS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0
O&U	16	-	-	-	-	-	-	-	2.7	3.4	8.2	11.4	-	32.4	7.5	22.8	18.5	3.2	3.8	8.8
All	435	14.3	5.6	3.4	3.9	6.2	16.9	28.2	83.7	104.4	226.4	354.5	432.3	375.7	328.7	422.2	222.2	86.3	104.2	241.7

*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) 2013, S.A.S. Nagar District: Male

Site	ICD 10	0-64 Years		0-74 Years	
		Cu. Rate %	Cu Risk %	Cu. Rate %	Cu Risk %
Lip	C00	0	0	0	0
Tongue	C01-02	0.26	0.26	0.47	0.47
Mouth	C03-06	0.22	0.22	0.35	0.35
Salivary glands	C07-08	0	0	0.08	0.08
Tonsil	C09	0.14	0.14	0.23	0.23
Other oropharynx	C10	0	0	0	0
Nasopharynx	C11	0	0	0	0
Hypopharynx	C12-13	0.1	0.1	0.24	0.24
Pharynx unspecified	C14	0.04	0.04	0.04	0.04
Oesophagus	C15	0.41	0.41	0.76	0.76
Stomach	C16	0.26	0.26	0.35	0.35
Small intestine	C17	0.1	0.1	0.1	0.1
Colon	C18	0.16	0.16	0.29	0.29
Rectum	C19-20	0.21	0.21	0.25	0.25
Anus	C21	0.11	0.11	0.23	0.23
Liver	C22	0.24	0.24	0.32	0.32
Gallbladder etc.	C23-24	0.12	0.12	0.24	0.24
Pancreas	C25	0.18	0.18	0.31	0.31
Nose, sinuses etc.	C30-31	0	0	0	0
Larynx	C32	0.44	0.44	0.53	0.53
Trachea, bronchus and lung	C33-34	0.54	0.54	0.86	0.86
Other thoracic organs	C37-38	0	0	0	0
Bone	C40-41	0.05	0.05	0.05	0.05
Melanoma of skin	C43	0	0	0	0
Other skin	C44	0	0	0.08	0.08
Mesothelioma	C45	0	0	0	0
Kaposi sarcoma	C46	0	0	0	0
Connective and soft tissue	C47,C49	0.06	0.06	0.06	0.06
Breast	C50	0	0	0	0
Penis	C60	0	0	0	0
Prostate	C61	0.35	0.35	0.75	0.75
Testis	C62	0.04	0.04	0.04	0.04
Other male genital organs	C63	0	0	0	0
Kidney	C64	0.09	0.09	0.13	0.13
Renal pelvis	C65	0	0	0	0
Ureter	C66	0	0	0	0
Bladder	C67	0.2	0.2	0.41	0.41
Other urinary organs	C68	0	0	0	0
Eye	C69	0.01	0.01	0.01	0.01
Brain, nervous system	C70-72	0.13	0.13	0.2	0.2
Thyroid	C73	0.04	0.04	0.04	0.04
Adrenal gland	C74	0	0	0	0
Other endocrine	C75	0	0	0	0
Hodgkin disease	C81	0.02	0.02	0.02	0.02
Non-Hodgkin lymphoma	C82-85,C96	0.15	0.15	0.28	0.28
Immunoproliferative diseases	C88	0	0	0	0
Multiple myeloma	C90	0.11	0.11	0.15	0.15
Lymphoid leukaemia	C91	0.1	0.1	0.1	0.1
Myeloid leukaemia	C92-94	0.14	0.14	0.21	0.21
Leukaemia unspecified	C95	0	0	0	0
Myeloproliferative disorders	MPD	0	0	0	0
Myelodysplastic syndromes	MDS	0.03	0.03	0.03	0.03
Other and unspecified	O&U	0.35	0.35	0.57	0.57
All sites	All	5.41	5.41	8.78	8.78

*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) 2013, S.A.S. Nagar District: Female

Site	ICD 10	0-64 Years		0-74 Years	
		Cu. Rate %	Cu Risk %	Cu. Rate %	Cu Risk %
Lip	C00	0	0	0	0
Tongue	C01-02	0.1	0.1	0.1	0.1
Mouth	C03-06	0.26	0.26	0.35	0.35
Salivary glands	C07-08	0.04	0.04	0.04	0.04
Tonsil	C09	0	0	0	0
Other oropharynx	C10	0	0	0	0
Nasopharynx	C11	0.04	0.04	0.04	0.04
Hypopharynx	C12-13	0	0	0	0
Pharynx unspecified	C14	0	0	0.04	0.04
Oesophagus	C15	0.2	0.2	0.35	0.35
Stomach	C16	0.04	0.04	0.04	0.04
Small intestine	C17	0	0	0	0
Colon	C18	0.08	0.08	0.14	0.14
Rectum	C19-20	0.07	0.07	0.11	0.11
Anus	C21	0	0	0.06	0.06
Liver	C22	0.11	0.11	0.33	0.33
Gallbladder etc.	C23-24	0.4	0.4	0.72	0.72
Pancreas	C25	0.05	0.05	0.15	0.15
Nose, sinuses etc.	C30-31	0	0	0	0
Larynx	C32	0.06	0.06	0.06	0.06
Trachea, bronchus and lung	C33-34	0.15	0.15	0.26	0.26
Other thoracic organs	C37-38	0.01	0.01	0.01	0.01
Bone	C40-41	0.03	0.03	0.03	0.03
Melanoma of skin	C43	0	0	0	0
Other skin	C44	0.04	0.04	0.04	0.04
Mesothelioma	C45	0	0	0	0
Kaposi sarcoma	C46	0	0	0	0
Connective and soft tissue	C47,C49	0.01	0.01	0.13	0.13
Breast	C50	2.98	2.98	3.98	3.98
Vulva	C51	0.02	0.02	0.07	0.07
Vagina	C52	0.03	0.03	0.03	0.03
Cervix uteri	C53	1.19	1.19	1.51	1.51
Corpus uteri	C54	0.39	0.39	0.62	0.62
Uterus unspecified	C55	0.07	0.07	0.07	0.07
Ovary	C56	0.61	0.61	0.80	0.80
Other female genital organs	C57	0	0	0	0
Placenta	C58	0	0	0	0
Kidney	C64	0.01	0.01	0.01	0.01
Renal pelvis	C65	0	0	0	0
Ureter	C66	0	0	0	0
Bladder	C67	0.05	0.05	0.28	0.28
Other urinary organs	C68	0	0	0	0
Eye	C69	0	0	0	0
Brain, nervous system	C70-72	0.14	0.14	0.18	0.18
Thyroid	C73	0.15	0.15	0.15	0.15
Adrenal gland	C74	0	0	0	0
Other endocrine	C75	0	0	0	0
Hodgkin disease	C81	0.07	0.07	0.1	0.1
Non-Hodgkin lymphoma	C82-85,C96	0.24	0.24	0.37	0.37
Immunoproliferative diseases	C88	0	0	0	0
Multiple myeloma	C90	0.08	0.08	0.16	0.16
Lymphoid leukaemia	C91	0.03	0.03	0	0
Myeloid leukaemia	C92-94	0.23	0.23	0.23	0.23
Leukaemia unspecified	C95	0	0	0	0
Myeloproliferative disorders	MPD	0	0	0	0
Myelodysplastic syndromes	MDS	0	0	0	0
Other and unspecified	O&U	0.29	0.29	0.44	0.44
All sites	All	8.28	8.28	12.03	12.03

*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 2013, S. A. S. Nagar- Male

ICD 10	Site	Radiology		Endoscopy		Microscopic		Death Certificate /Other**		Total	
		#	%	#	%	#	%	#	%	#	%
C00	Lip	0	0	0	0	0	0	0	0	0	0
C01-02	Tongue	0	0	0	0	17	5.1	1	0.3	18	5.4
C03-06	Mouth	0	0	0	0	11	3.3	0	0	11	3.3
C07-08	Salivary glands	0	0	0	0	3	0.9	0	0	3	0.9
C09	Tonsil	0	0	0	0	7	2.1	0	0	7	2.1
C10	Other oropharynx	0	0	0	0	0	0	0	0	0	0
C11	Nasopharynx	0	0	0	0	0	0	0	0	0	0
C12-13	Hypopharynx	0	0	0	0	6	1.8	0	0	6	1.8
C14	Pharynx unspecified	1	0.3	0	0	1	0.3	0	0	2	0.6
C15	Oesophagus	0	0	1	0.3	20	6	4	1.2	25	7.5
C16	Stomach	0	0	0	0	13	3.9	0	0	13	3.9
C17	Small intestine	0	0	0	0	5	1.5	0	0	5	1.5
C18	Colon	0	0	0	0	10	3	0	0	10	3.0
C19-20	Rectum	0	0	0	0	8	2.4	1	0.3	9	2.7
C21	Anus	0	0	0	0	6	1.8	0	0	6	1.8
C22	Liver	1	0.3	2	0.6	8	2.4	2	0.6	13	3.9
C23-24	Gallbladder etc.	0	0	0	0	8	2.4	0	0	8	2.4
C25	Pancreas	1	0.3	0	0	9	2.7	0	0	10	3.0
C30-31	Nose, sinuses etc.	0	0	0	0	0	0	0	0	0	0
C32	Larynx	0	0	0	0	20	6	0	0	20	6.0
C33-34	Trachea, bronchus and lung	0	0	1	0.3	31	9.3	0	0	32	9.6
C37-38	Other thoracic organs	0	0	0	0	0	0	0	0	0	0
C40-41	Bone	0	0	0	0	4	1.2	0	0	4	1.2
C43	Melanoma of skin	0	0	0	0	0	0	0	0	0	0
C44	Other skin	0	0	0	0	3	0.9	0	0	3	0.9
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0
C46	Kaposi sarcoma	0	0	0	0	0	0	0	0	0	0
C47,C49	Connective and soft tissue	0	0	0	0	3	0.9	0	0	3	0.9
C50	Breast	0	0	0	0	0	0	0	0	0	0
C60	Penis	0	0	0	0	0	0	0	0	0	0
C61	Prostate	0	0	0	0	28	8.4	1	0.3	29	8.7
C62	Testis	0	0	0	0	3	0.9	0	0	3	0.9
C63	Other male genital organs	0	0	0	0	0	0	0	0	0	0
C64	Kidney	1	0.3	0	0	4	1.2	0	0	5	1.5
C65	Renal pelvis	0	0	0	0	0	0	0	0	0	0
C66	Ureter	0	0	0	0	0	0	0	0	0	0
C67	Bladder	0	0.0	0	0	15	4.5	0	0	15	4.5
C68	Other urinary organs	0	0	0	0	0	0	0	0	0	0
C69	Eye	1	0.3	0	0	0	0	0	0	1	0.3
C70-72	Brain, nervous system	2	0.6	0	0	8	2.4	1	0.3	11	3.3
C73	Thyroid	0	0	0	0	1	0.3	0	0	1	0.3
C74	Adrenal gland	0	0	0	0	0	0	0	0	0	0
C75	Other endocrine	0	0	0	0	0	0	0	0	0	0
C81	Hodgkin disease	0	0	0	0	4	1.2	0	0	4	1.2
C82-85,C96	Non-Hodgkin lymphoma	0	0	0	0	10	2.3	0	0	10	3.0
C88	Immunoproliferative diseases	0	0	0	0	0	0	0	0	0	0
C90	Multiple myeloma	0	0	0	0	6	1.8	0	0	6	1.8
C91	Lymphoid leukemia	0	0	0	0	5	1.5	0	0	5	1.5
C92-94	Myeloid leukemia	0	0	0	0	9	2.7	0	0	9	0
C95	Leukemia unspecified	0	0	0	0	1	0.3	0	0	1	0.3
MPD	Myeloproliferative disorders	0	0	0	0	0	0	0	0	0	0
MDS	Myelodysplastic syndromes	0	0	0	0	1	0.3	0	0	1	0.3
O & U	Other and unspecified*	0	0	0	0	18	5.4	7	2.1	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)

**Other information based on patient's relatives/medical record

Table 22: Incidence Cancer Case Distribution based on Method of Diagnosis In 2013, S. A. S. Nagar-Female

ICD 10	Site	Radiology		Endoscopy		Microscopic		Death Certificate / Other**		Total	
		#	%	#	%	#	%	#	%	#	%
C00	Lip	0	0	0	0	0	0	0	0	0	0
C01-02	Tongue	0	0	0	0	3	0.7	0	0	3	0.7
C03-06	Mouth	0	0	0	0	11	2.6	0	0	11	2.5
C07-08	Salivary glands	0	0	0	0	1	0.3	0	0	1	0.2
C09	Tonsil	0	0	0	0	0	0	0	0	0	0
C10	Other oropharynx	0	0	0	0	0	0	0	0	0	0
C11	Nasopharynx	0	0	0	0	1	0.3	0	0	1	0.2
C12-13	Hypopharynx	0	0	0	0	0	0	0	0	0	0
C14	Pharynx unspecified	0	0	0	0	1	0.3	0	0	1	0.2
C15	Oesophagus	0	0	0	0	12	2.8	0	0	12	2.8
C16	Stomach	0	0	0	0	2	0.5	0	0	2	0.5
C17	Small intestine	0	0	0	0	0	0	0	0	0	0
C18	Colon	0	0	0	0	7	1.6	0	0	7	1.7
C19-20	Rectum	0	0	0	0	3	0.7	0	0	3	0.7
C21	Anus	0	0	0	0	1	0.3	0	0	1	0.2
C22	Liver	1	0.3	0	0	6	1.4	2	0.5	9	2.1
C23-24	Gallbladder etc.	1	0.3	0	0	21	4.9	2	0.5	24	5.5
C25	Pancreas	0	0	0	0	5	1.6	0	0	5	1.1
C30-31	Nose, sinuses etc.	0	0	0	0	0	0	0	0	0	0
C32	Larynx	0	0	0	0	3	0.7	0	0	3	0.7
C33-34	Trachea, bronchus and lung	1	0.3	0	0	10	2.3	0	0	11	2.5
C37-38	Other thoracic organs	0	0	0	0	1	0.3	0	0	1	0.2
C40-41	Bone	0	0	0	0	2	0.5	0	0	2	0.4
C43	Melanoma of skin	0	0	0	0	0	0	0	0	0	0
C44	Other skin	0	0	0	0	2	0.5	0	0	2	0.4
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0
C46	Kaposi sarcoma	0	0	0	0	0	0	0	0	0	0
C47,C49	Connective and soft tissue	0	0	0	0	3	0.7	0	0	3	0.7
C50	Breast	0	0	0	0	135	31	2	0.5	137	31.5
C51	Vulva	0	0	0	0	2	0.5	0	0	2	0.5
C52	Vagina	0	0	0	0	1	0.3	0	0	1	0.2
C53	Cervix uteri	1	0.3	0	0	55	12.6	2	0.5	58	13.3
C54	Corpus uteri	0	0	0	0	19	4.4	0	0	19	4.4
C55	Uterus unspecified	0	0	0	0	2	0.5	0	0	2	0.5
C56	Ovary	1	0.3	0	0	30	6.9	1	0.3	32	7.4
C57	Other female genital organs	0	0	0	0	0	0	0	0	0	0
C58	Placenta	0	0	0	0	0	0	0	0	0	0
C64	Kidney	0	0	0	0	1	0.2	0	0	1	0.2
C65	Renal pelvis	0	0	0	0	0	0	0	0	0	0
C66	Ureter	0	0	0	0	0	0	0	0	0	0
C67	Bladder	0	0	0	0	6	1.4	0	0	6	1.4
C68	Other urinary organs	0	0	0	0	0	0	0	0	0	0
C69	Eye	0	0	0	0	0	0	0	0	0	0
C70-72	Brain, nervous system	1	2.3	0	0	9	2.1	0	0	10	2.3
C73	Thyroid	0	0	0	0	5	1.2	0	0	5	1.2
C74	Adrenal gland	0	0	0	0	0	0	0	0	0	0
C75	Other endocrine	0	0	0	0	0	0	0	0	0	0
C81	Hodgkin disease	0	0	0	0	6	1.3	0	0	6	1.4
C82-85,C96	Non-Hodgkin lymphoma	0	0	0	0	15	3.4	0	0	15	3.5
C88	Immunoproliferative diseases	0	0	0	0	0	0	0	0	0	0
C90	Multiple myeloma	0	0	0	0	7	1.6	0	0	7	1.6
C91	Lymphoid leukaemia	0	0	0	0	4	1.0	0	0	4	0.9
C92-94	Myeloid leukaemia	0	0	0	0	11	2.5	1	0.2	12	2.8
C95	Leukaemia unspecified	0	0	0	0	0	0	0	0	0	0
O&U	Other and unspecified*	0	0	0	0	10	2.3	6	1.4	16	3.7
All	All sites	6	1.4	0	0	413	94.9	16	3.7	435	100

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

**Other information based on patient's relatives/medical record

Table 23: Age Group wise Distribution of Cancer Mortality Cases in 2013, S.A.S. Nagar-Male

Site	Code	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	%
Lip	C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Tongue	C01-02	-	-	-	-	-	1	-	-	1	1	2	1	1	-	1	1	9	5.1
Mouth	C03-06	-	-	-	-	-	-	-	-	1	-	3	2	1	-	1	-	8	4.5
Salivary glands	C07-08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.6
Tonsil	C09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Other oropharynx	C10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Nasopharynx	C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Hypopharynx	C12-13	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	3	1.7
Pharynx unspecified	C14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Oesophagus	C15	-	-	-	-	-	-	-	1	1	1	3	6	1	1	7	1	22	12.5
Stomach	C16	-	-	-	-	-	-	-	-	-	1	-	1	3	-	1	2	8	4.5
Small intestine	C17	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	2	1.1
Colon	C18	-	-	-	-	-	-	-	-	1	-	-	-	1	1	-	-	3	1.7
Rectum	C19-20	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	2	1.1
Anus	C21	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.6
Liver	C22	-	-	-	1	-	-	-	1	1	1	2	3	1	-	-	1	11	6.3
Gallbladder etc.	C23-24	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	3	1.7
Pancreas	C25	-	-	-	-	-	-	-	-	-	-	-	2	1	1	1	1	6	3.4
Nose, sinuses etc.	C30-31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Larynx	C32	-	-	-	-	-	-	-	-	1	-	1	2	-	2	-	1	7	4.0
Trachea, bronchus and lung	C33-34	-	-	-	-	-	-	-	-	3	3	2	3	1	4	1	3	20	11.4
Other thoracic organs	C37-38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Bone	C40-41	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	2	1.1
Melanoma of skin	C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Other skin	C44	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.6
Mesothelioma	C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Kaposi sarcoma	C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Connective and soft tissue	C47,C49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Breast	C50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Penis	C60	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	2	1.1
Prostate	C61	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	4	9	5.1
Testis	C62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Other male genital organs	C63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Kidney	C64	-	1	-	-	-	-	-	-	1	-	1	1	-	-	1	-	5	2.8
Renal pelvis	C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Ureter	C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Bladder	C67	-	-	-	-	-	-	-	-	-	1	1	-	3	1	1	2	9	5.1
Other urinary organs	C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Eye	C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Brain, nervous system	C70-72	-	-	1	-	-	-	-	-	-	1	-	2	-	3	-	-	7	4.0
Thyroid	C73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Adrenal gland	C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Other endocrine	C75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Hodgkin disease	C81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Non-Hodgkin lymphoma	C82-85, C96	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	0	3	1.7
Immunoproliferative diseases	C88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Multiple myeloma	C90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.6
Lymphoid leukaemia	C91	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.6
Myeloid leukaemia	C92-94	-	-	-	-	1	1	-	-	-	-	1	-	-	1	-	-	4	2.3
Leukaemia unspecified	C95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.6
Other and unspecified	O&U	-	-	1	-	-	-	-	-	-	1	1	5	4	3	5	5	25	14.2
All Sites	All	0	2	2	1	2	3	0	2	10	11	19	32	19	21	28	24	176	100

*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 2013, S.A.S. Nagar -Female

Site	Code	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	%
Lip	C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Tongue	C01-02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Mouth	C03-06	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	3	2.1
Salivary glands	C07-08	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Tonsil	C09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Other oropharynx	C10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Nasopharynx	C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Hypopharynx	C12-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Pharynx unspecified	C14	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.7
Oesophagus	C15	-	-	-	-	-	-	-	-	-	1	1	2	-	1	1	2	8	5.5
Stomach	C16	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	3	2.1
Small intestine	C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Colon	C18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.7
Rectum	C19-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Anus	C21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.7
Liver	C22	-	-	-	-	-	-	1	-	-	1	1	2	-	2	2	-	9	6.2
Gallbladder etc.	C23-24	-	-	-	-	1	-	1	-	-	1	1	2	5	4	1	-	16	10.9
Pancreas	C25	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	2	1.4
Nose, sinuses etc.	C30-31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Larynx	C32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Trachea, bronchus and lung	C33-34	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	2	4	2.7
Other thoracic organs	C37-38	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	0.7
Bone	C40-41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Melanoma of skin	C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Other skin	C44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Mesothelioma	C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Kaposi sarcoma	C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Connective and soft tissue	C47,C49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Breast	C50	-	-	-	-	-	-	1	3	3	5	4	3	4	5	1	6	35	24.0
Vulva	C51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Vagina	C52	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.7
Cervix uteri	C53	-	-	-	-	-	-	-	1	1	2	1	1	2	1	-	5	14	9.6
Corpus uteri	C54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Uterus unspecified	C55	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	2	1.4
Ovary	C56	-	-	-	-	-	-	-	-	-	-	2	1	2	-	-	1	6	4.1
Other female genital organs	C57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Placenta	C58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Kidney	C64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Renal pelvis	C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Ureter	C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Bladder	C67	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.7
Other urinary organs	C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Eye	C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Brain, nervous system	C70-72	-	-	1	-	-	-	-	-	-	-	1	-	1	-	-	1	4	2.7
Thyroid	C73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Adrenal gland	C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Other endocrine	C75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Hodgkin disease	C81	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.7
Non-Hodgkin lymphoma	C82-85, C96	-	-	-	-	-	-	1	2	-	-	-	-	-	-	1	-	4	2.7
Immunoproliferative diseases	C88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Multiple myeloma	C90	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	2	1.4
Lymphoid leukemia	C91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.7
Myeloid leukemia	C92-94	-	-	-	-	1	-	1	-	1	-	-	1	1	-	-	1	6	4.1
Leukemia unspecified	C95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Others and Unspecified	O&U	-	-	-	-	-	-	-	3	1	2	2	1	2	2	3	4	20	13.7
All Sites	All	0	0	1		2	2	5	9	6	13	18	14	19	21	12	24	146	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 (35-64 years) (TR) Mortality Rate per 100,000 population: 2013, S.A.S. Nagar -Male

[illegible]

*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 (35-64years) (TR) Mortality Rate per 100,000 population: 2013, S.A.S. Nagar - Female

ICD 10	Total	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	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C03-06	3	-	-	-	-	-	-	-	-	-	-	-	7.3	-	7.5	11.4	-	0.6	0.7	0.9
C07-08	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C09	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14	1	-	-	-	-	-	-	-	-	-	-	-	-	6.5	-	-	-	0.2	0.3	0.8
C15	8	-	-	-	-	-	-	-	-	-	4.1	5.7	14.7	-	7.5	11.4	18.5	1.6	1.9	3.6
C16	3	-	-	-	-	-	-	-	-	-	-	11.4	-	-	7.5	-	-	0.6	0.8	1.8
C17	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.3	0.2	0.2	0
C19-20	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C21	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.4	-	0.2	0.2	0
C22	9	-	-	-	-	-	-	2.6	-	-	4.1	5.7	14.7	-	14.9	22.8	-	1.8	2.2	3.6
C23-24	16	-	-	-	-	2.1	-	2.6	-	-	4.1	5.7	14.7	32.3	29.9	11.4	-	3.2	3.9	7.8
C25	2	-	-	-	-	-	-	-	-	-	4.1	-	-	-	-	11.4	-	0.4	0.5	0.8
C30-31	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C33-34	4	-	-	-	-	-	-	-	-	-	-	5.7	-	6.5	-	-	18.5	0.8	0.9	1.8
C37-38	1	-	-	-	-	-	2.4	-	-	-	-	-	-	-	-	-	-	0.2	0.2	0
C40-41	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C43	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C45	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47,C49	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C50	35	-	-	-	-	-	-	2.6	8.1	10.1	20.6	22.9	22.0	25.9	37.3	11.4	55.6	6.9	8	17.4
C51	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C52	1	-	-	-	-	-	-	-	-	-	-	-	-	-	7.5	-	-	0.2	0.2	0
C53	14	-	-	-	-	-	-	-	2.7	3.4	8.2	5.7	7.3	13	7.5	-	46.3	2.8	3.1	6.3
C54	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C55	2	-	-	-	-	-	2.4	-	-	-	-	5.7	-	-	-	-	-	0.4	0.5	0.9
C56	6	-	-	-	-	-	-	-	-	-	-	11.4	7.3	13	-	-	9.3	1.2	1.6	4.5
C57	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C65	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	1	-	-	-	-	-	-	-	-	-	-	-	-	-	7.5	-	-	0.2	0.2	0
C68	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	4	-	-	1.7	-	-	-	-	-	-	-	5.7	-	6.4	-	-	9.3	0.8	0.9	1.8
C73	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C74	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C75	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	1	-	-	-	-	-	-	-	-	-	-	-	-	-	7.5	-	-	0.2	0.2	0
C82-85, C96	4	-	-	-	-	-	-	2.6	5.4	-	-	-	-	-	-	11.4	-	0.8	0.7	1
C88	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	2	-	-	-	-	-	-	-	-	-	-	5.7	-	-	7.5	-	-	0.4	0.5	0.9
C91	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.3	0.2	0.2	0
C92-94	6	-	-	-	-	2.1	-	2.6	-	3.4	-	-	7.3	6.5	-	-	9.3	1.2	1.3	2.4
C95	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MPD	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MDS	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U	20	-	-	-	-	-	-	-	8.1	3.4	8.2	11.4	7.3	13	14.9	34.2	37	4	4.4	8.3
All	146	-	-	1.7	-	4.2	4.8	12.8	24.3	20.2	53.5	102.9	102.6	123.1	156.9	136.9	222.2	29	33.6	64.7

*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: 2013

Figure 34 : Mohali Urban ward and Sector wise Cancer Incidence Cases and Mortality Cases: S.A.S. Nagar District



Table 27 : Mohali Urban ward and Sector wise Cancer Incidence Cases and Mortality Cases: S.A.S. Nagar District

Sector Name	S.A.S. Nagar (Mohali)					
	Incidence 2013			Mortality 2013		
	Male	Female	Total	Male	Female	Total
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

Figure 35 : Ward wise and Village wise Cancer Incidence Cases and Mortality Derabassi Block, S.A.S. Nagar District

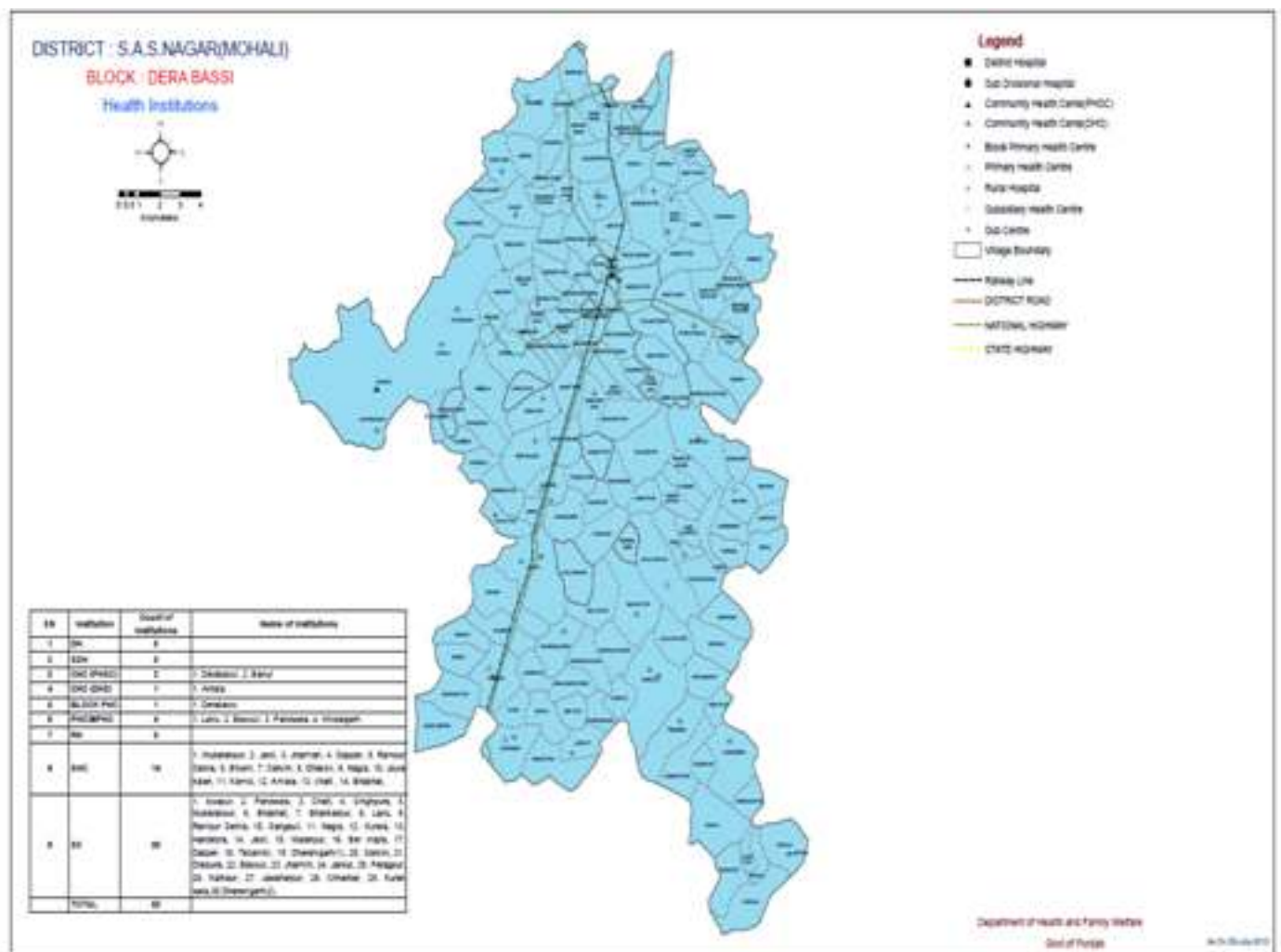


Table 28 : Ward wise and Village wise Cancer Incidence Cases and Mortality Derabassi Block, S.A.S. Nagar District

Derabassi Block						
Name and Ward	Urban Derabassi					
	Incidence 2013			Mortality 2013		
	Male	Female	Total	Male	Female	Total
Derabassi	7	10	17	3	3	6
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	1	1	0	1	1
Ward-11	0	0	0	0	0	0
Ward-12	0	0	0	0	0	0
Ward-13	0	0	0	0	0	0
Urban Zirakpur						
Zirakpur	23	40	63	13	8	21
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
Urban Banur						
Banur	4	2	6	4	2	6
Ward-01	0	0	0	0	0	0
Ward-02	0	1	1	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	1	1
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

Derabassi Village						
Villages Name	Male	Female	Total	Male	Female	Total
Amlala	0	1	1	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	3	1	4	1	2	3
Basauli	0	0	0	0	1	1
Bassi	0	0	0	1	0	1
Batoli	0	1	1	0	0	0
Bair Majra	0	0	0	0	0	0
Bhagwanpura	0	1	1	0	1	1
Bhagwasi	1	0	1	1	0	1
Bhukhri	0	1	1	0	0	0
Bartana	3	8	11	3	5	8
Ballopur	0	1	1	0	0	0
Bijanpur	3	0	3	1	0	1
Behra	0	0	0	0	0	0
Broli	0	1	1	0	0	0
Bhankarpur	2	2	4	1	0	1
Bhagsi	0	1	1	0	0	0
Badana	0	1	1	0	1	1
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	1	1	2	2	0	2
Dehar	0	0	0	0	0	0
Devi Nagar	0	0	0	2	0	2
Dhanoni	0	0	0	0	0	0
Dharamgarh	1	3	4	0	2	2
Dire Majra	0	0	0	0	3	3
Fatehpur (197)	0	0	0	0	0	0
Fatehpur Jattan	0	0	0	0	0	0
Gazipur	0	0	0	0	0	0
Gholumajra	1	1	2	1	0	1
Haibatpur	1	1	2	0	0	0
Hmayunpur	0	0	0	1	2	3
Handesra	0	1	1	0	0	0
Haripur Hinduan	0	1	1	0	0	0
Haripu Kura	1	0	1	0	0	0
Hussanpur	1	0	1	1	0	1
Humbra	0	0	0	0	0	0
Ibrahimpur	0	0	0	0	0	0
Issapur Jangi	0	0	0	0	0	0
Issapur (39)	2	1	3	0	0	0

Jagadhrai (Dera)	0	0	0	0	0	0
Jalalpur	0	0	0	0	0	0
Jandili	0	0	0	0	0	0
Janetpur	0	0	0	0	0	0
Jaraut	0	0	0	0	0	0
Jastana Kalan	1	0	1	1	0	1
Jastana Khurd	0	0	0	0	0	0
Jaula Kalan	0	1	1	0	0	0
Jaula Khurd	0	0	0	0	0	0
Jawaharpur	0	0	0	0	0	0
Jharmari	0	0	0	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	1	0	1	1	1	2
Karkaur	0	1	1	0	0	0
Kasauli	0	0	0	0	0	0
Khanpour Khaddar	0	0	0	0	0	0
Khellan	2	0	2	2	1	3
Kheri	0	0	0	0	0	0
Kheri Jattan	1	0	1	1	0	1
Kheri Gujran	2	0	2	1	0	1
Karali	0	0	0	0	0	0
Kuranwala	0	0	0	0	0	0
Kurli	1	0	1	2	0	2
Lalru	5	3	8	4	1	5
Lalru Mandi	2	5	7	2	2	4
Lehli	0	2	2	0	1	1
Magra	0	0	0	1	1	2
Mahiwala	0	0	0	0	0	0
Malikpur	0	0	0	1	1	2
Mallan	0	0	0	1	0	1
Mandi	0	0	0	0	0	0
Mehmadpur	0	0	0	0	0	0
Mianpur	1	1	2	0	0	0
Mirpur (156)	0	0	0	0	0	0
Mirpur	0	1	1	2	2	4
Mor Thikri	1	1	2	1	0	1
Mubarik Pur	7	2	9	4	1	5
Mukandpur	1	0	1	0	0	0
Nagla (168)	0	2	2	1	1	2
Nagla (51)	0	0	0	0	0	0
Nimbuan	0	1	1	0	1	1
Pandwala	0	0	0	1	0	1
Pir Machaila	0	4	4	0	1	1
Prag Pur	1	0	1	0	0	0
Punsar	0	0	0	0	0	0
Rajapur	0	0	0	1	0	1

Rajomajra	0	0	0	0	0	0
Ramgarh Rurki	0	1	1	0	0	0
Rampur Bahal	0	0	0	0	0	0
Rampur Bhudha	0	0	0	0	0	0
Rampur Sainia	1	1	2	1	0	1
Rani Majra	1	0	1	0	0	0
Sadhanpur	0	1	1	0	0	0
Sadh Colony	0	0	0	0	0	0
Saidpura	2	0	2	2	0	2
Samgoli	2	2	4	0	1	1
Sanauli	0	0	0	0	0	0
Sangotha	1	0	1	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	0	0	0	0	0
Sinhpur	0	0	0	0	0	0
Singhpura	0	0	0	0	0	0
Sitabgarh	0	0	0	0	0	0
Sitarpur	0	0	0	0	0	0
Sundran	0	2	2	0	1	1
Tarrak	0	0	0	0	0	0
Tasimbli	2	1	3	2	1	3
Tiwana	0	0	0	0	0	0
Tofanpur	0	0	0	0	0	0
Toganpur	0	0	0	0	0	0
Trivedi Camp	0	0	0	0	2	2
Untala	1	0	1	1	0	1
Dhakoli	3	4	7	0	1	1
Adde Jhugia	0	1	1	0	0	0
Krishna Mandir	0	0	0	0	0	0
Jhourheri	0	1	1	0	0	0
Nabha	1	1	2	1	0	1
Kudari	0	0	0	0	0	0
Jarvat	0	2	2	0	0	0
Shakti Nagar	0	1	1	0	0	0
Lohgarh	0	0	0	0	0	0
Sakhon	0	0	0	0	0	0
Issanpura	0	0	0	0	0	0
Jolly	0	0	0	0	0	0
Buta Singh Wala	0	0	0	1	1	2
Taupapur	0	0	0	0	0	0
Khizargarh	0	0	0	0	1	1
Azizpur	0	0	0	0	1	1
Chhat	0	3	3	1	2	3
Budhanpur	0	1	1	0	0	0
Total	94	135	229	71	57	128

DISTRICT-S.A.S.NAGAR(MOHALI)

BLOCK-GHARUAN

Health Institutions

Sl.	Institution	Count of Institutions	Name of Institutions
1	DH	1	1. Mohi
2	SDH	1	2. Khar
3	CHC (PHCC)	6	
4	CHC (PHC)	6	
5	BLOCK PHC	1	3. Chak
6	PHC/MPHC	6	4. Chak, 5. Chak, 6. Chak, 7. Chak, 8. Chak, 9. Chak
7	SH	6	
8	BHC	17	10. Chak, 11. Chak, 12. Chak, 13. Chak, 14. Chak, 15. Chak, 16. Chak, 17. Chak, 18. Chak, 19. Chak, 20. Chak, 21. Chak, 22. Chak, 23. Chak, 24. Chak, 25. Chak, 26. Chak, 27. Chak, 28. Chak, 29. Chak, 30. Chak, 31. Chak, 32. Chak, 33. Chak, 34. Chak, 35. Chak, 36. Chak, 37. Chak, 38. Chak, 39. Chak, 40. Chak, 41. Chak, 42. Chak, 43. Chak, 44. Chak, 45. Chak, 46. Chak, 47. Chak, 48. Chak, 49. Chak, 50. Chak, 51. Chak, 52. Chak, 53. Chak, 54. Chak, 55. Chak, 56. Chak, 57. Chak, 58. Chak, 59. Chak, 60. Chak, 61. Chak, 62. Chak, 63. Chak, 64. Chak, 65. Chak, 66. Chak, 67. Chak, 68. Chak, 69. Chak, 70. Chak, 71. Chak, 72. Chak, 73. Chak, 74. Chak, 75. Chak, 76. Chak, 77. Chak, 78. Chak, 79. Chak, 80. Chak, 81. Chak, 82. Chak, 83. Chak, 84. Chak, 85. Chak, 86. Chak, 87. Chak, 88. Chak, 89. Chak, 90. Chak, 91. Chak, 92. Chak, 93. Chak, 94. Chak, 95. Chak, 96. Chak, 97. Chak, 98. Chak, 99. Chak, 100. Chak, 101. Chak, 102. Chak, 103. Chak, 104. Chak, 105. Chak, 106. Chak, 107. Chak, 108. Chak, 109. Chak, 110. Chak, 111. Chak, 112. Chak, 113. Chak, 114. Chak, 115. Chak, 116. Chak, 117. Chak, 118. Chak, 119. Chak, 120. Chak, 121. Chak, 122. Chak, 123. Chak, 124. Chak, 125. Chak, 126. Chak, 127. Chak, 128. Chak, 129. Chak, 130. Chak, 131. Chak, 132. Chak, 133. Chak, 134. Chak, 135. Chak, 136. Chak, 137. Chak, 138. Chak, 139. Chak, 140. Chak, 141. Chak, 142. Chak, 143. Chak, 144. Chak, 145. Chak, 146. Chak, 147. Chak, 148. Chak, 149. Chak, 150. Chak, 151. Chak, 152. Chak, 153. Chak, 154. Chak, 155. Chak, 156. Chak, 157. Chak, 158. Chak, 159. Chak, 160. Chak, 161. Chak, 162. Chak, 163. Chak, 164. Chak, 165. Chak, 166. Chak, 167. Chak, 168. Chak, 169. Chak, 170. Chak, 171. Chak, 172. Chak, 173. Chak, 174. Chak, 175. Chak, 176. Chak, 177. Chak, 178. Chak, 179. Chak, 180. Chak, 181. Chak, 182. Chak, 183. Chak, 184. Chak, 185. Chak, 186. Chak, 187. Chak, 188. Chak, 189. Chak, 190. Chak, 191. Chak, 192. Chak, 193. Chak, 194. Chak, 195. Chak, 196. Chak, 197. Chak, 198. Chak, 199. Chak, 200. Chak, 201. Chak, 202. Chak, 203. Chak, 204. Chak, 205. Chak, 206. Chak, 207. Chak, 208. Chak, 209. Chak, 210. Chak, 211. Chak, 212. Chak, 213. Chak, 214. Chak, 215. Chak, 216. Chak, 217. Chak, 218. Chak, 219. Chak, 220. Chak, 221. Chak, 222. Chak, 223. Chak, 224. Chak, 225. Chak, 226. Chak, 227. Chak, 228. Chak, 229. Chak, 230. Chak, 231. Chak, 232. Chak, 233. Chak, 234. Chak, 235. Chak, 236. Chak, 237. Chak, 238. Chak, 239. Chak, 240. Chak, 241. Chak, 242. Chak, 243. Chak, 244. Chak, 245. Chak, 246. Chak, 247. Chak, 248. Chak, 249. Chak, 250. Chak, 251. Chak, 252. Chak, 253. Chak, 254. Chak, 255. Chak, 256. Chak, 257. Chak, 258. Chak, 259. Chak, 260. Chak, 261. Chak, 262. Chak, 263. Chak, 264. Chak, 265. Chak, 266. Chak, 267. Chak, 268. Chak, 269. Chak, 270. Chak, 271. Chak, 272. Chak, 273. Chak, 274. Chak, 275. Chak, 276. Chak, 277. Chak, 278. Chak, 279. Chak, 280. Chak, 281. Chak, 282. Chak, 283. Chak, 284. Chak, 285. Chak, 286. Chak, 287. Chak, 288. Chak, 289. Chak, 290. Chak, 291. Chak, 292. Chak, 293. Chak, 294. Chak, 295. Chak, 296. Chak, 297. Chak, 298. Chak, 299. Chak, 300. Chak, 301. Chak, 302. Chak, 303. Chak, 304. Chak, 305. Chak, 306. Chak, 307. Chak, 308. Chak, 309. Chak, 310. Chak, 311. Chak, 312. Chak, 313. Chak, 314. Chak, 315. Chak, 316. Chak, 317. Chak, 318. Chak, 319. Chak, 320. Chak, 321. Chak, 322. Chak, 323. Chak, 324. Chak, 325. Chak, 326. Chak, 327. Chak, 328. Chak, 329. Chak, 330. Chak, 331. Chak, 332. Chak, 333. Chak, 334. Chak, 335. Chak, 336. Chak, 337. Chak, 338. Chak, 339. Chak, 340. Chak, 341. Chak, 342. Chak, 343. Chak, 344. Chak, 345. Chak, 346. Chak, 347. Chak, 348. Chak, 349. Chak, 350. Chak, 351. Chak, 352. Chak, 353. Chak, 354. Chak, 355. Chak, 356. Chak, 357. Chak, 358. Chak, 359. Chak, 360. Chak, 361. Chak, 362. Chak, 363. Chak, 364. Chak, 365. Chak, 366. Chak, 367. Chak, 368. Chak, 369. Chak, 370. Chak, 371. Chak, 372. Chak, 373. Chak, 374. Chak, 375. Chak, 376. Chak, 377. Chak, 378. Chak, 379. Chak, 380. Chak, 381. Chak, 382. Chak, 383. Chak, 384. Chak, 385. Chak, 386. Chak, 387. Chak, 388. Chak, 389. Chak, 390. Chak, 391. Chak, 392. Chak, 393. Chak, 394. Chak, 395. Chak, 396. Chak, 397. Chak, 398. Chak, 399. Chak, 400. Chak, 401. Chak, 402. Chak, 403. Chak, 404. Chak, 405. Chak, 406. Chak, 407. Chak, 408. Chak, 409. Chak, 410. Chak, 411. Chak, 412. Chak, 413. Chak, 414. Chak, 415. Chak, 416. Chak, 417. Chak, 418. Chak, 419. Chak, 420. Chak, 421. Chak, 422. Chak, 423. Chak, 424. Chak, 425. Chak, 426. Chak, 427. Chak, 428. Chak, 429. Chak, 430. Chak, 431. Chak, 432. Chak, 433. Chak, 434. Chak, 435. Chak, 436. Chak, 437. Chak, 438. Chak, 439. Chak, 440. Chak, 441. Chak, 442. Chak, 443. Chak, 444. Chak, 445. Chak, 446. Chak, 447. Chak, 448. Chak, 449. Chak, 450. Chak, 451. Chak, 452. Chak, 453. Chak, 454. Chak, 455. Chak, 456. Chak, 457. Chak, 458. Chak, 459. Chak, 460. Chak, 461. Chak, 462. Chak, 463. Chak, 464.

Table 29 : Ward wise and Village wise Cancer Incidence Cases and Mortality Cases Gharuan Block, S.A.S. Nagar District

Gharuan Block						
Name and Ward	Urban Kharar					
	Incidence 2013			Mortality 2013		
	Male	Female	Total	Male	Female	Total
Kharar	16	27	43	3	3	6
Ward No.1	1	0	1	1	0	1
Ward No.2	0	2	2	0	0	0
Ward no.3	0	0	0	0	0	0
Ward No.4	1	0	1	0	0	0
Ward No.5	0	0	0	0	1	1
Ward No.6	1	0	1	0	1	1
Ward No.7	0	0	0	0	0	0
Ward No.8	0	0	0	0	0	0
Ward No.9	0	0	0	0	0	0
Ward No.10	1	1	2	0	0	0
Ward No.11	1	1	2	0	0	0
Ward No.12	0	0	0	0	0	0
Ward No.13	1	3	4	1	1	2
Ward No.14	1	0	1	0	0	0
Ward No.15	0	0	0	0	0	0
Urban Naya Gaon						
Naya Gaon	17	17	34	5	3	8
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	1	0	1	1	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
Kharar Villages						
Allahpur	0	1	1	0	0	0
Alipur	0	0	0	0	0	0
Bajheri	1	0	1	1	0	1
Badali	0	0	0	0	0	0
Badanpur	0	0	0	0	0	0
Baroli	0	1	1	0	0	0
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	1	0	1
Ballomajra	0	1	1	0	0	0
Bhagomajra	1	2	3	2	0	2

Badala	0	2	2	0	0	0
Balyali	0	1	1	0	1	1
Balongi	3	6	9	1	0	1
Bathlana	0	0	0	1	0	1
Bari	0	0	0	0	0	0
Bakarpur	0	0	0	0	1	1
Bharatpur	2	0	2	1	0	1
Badmajra	3	2	5	0	0	0
Bibipur	0	0	0	0	0	0
Cholta Chhota	0	0	0	0	0	0
Cholta Bada	0	1	1	0	0	0
Chandon Gobindgarh	0	0	0	0	1	1
Chaparchiri Badi	0	0	0	0	0	0
Chadiala	1	1	2	0	0	0
Chao Majra	0	0	0	0	0	0
Chilla	0	0	0	0	0	0
Chachu Majra	2	2	4	1	0	1
Chaparchiri Chhoti	0	0	0	0	0	0
Dao Majra	0	0	0	0	0	0
Dhelpur	2	0	2	0	0	0
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	1	1
Dharamgarh	0	0	0	0	0	0
Dhurali	0	3	3	0	2	2
Dhirpur	0	0	0	0	0	0
Dhabali	1	1	2	1	0	1
Derri	0	0	0	0	0	0
Fatehpur Theri	1	0	1	0	0	0
Gabbe Majra	0	0	0	0	0	0
Ghataur	0	0	0	0	0	0
Gobindgarh	2	0	2	3	0	3
Gige Majra	0	0	0	1	0	1
Gidderpur	0	0	0	0	0	0
Gudana	0	0	0	0	0	0
Gharuan	3	2	5	3	2	5
Ghoga	0	0	0	0	0	0
Garangan	0	1	1	1	0	1
Ghoga kheri	0	0	0	0	0	0
Harlalpur	1	0	1	0	0	0
Jandpur	1	0	1	0	1	1
Jhanjheri	0	0	0	1	1	2
Jhungian	0	0	0	0	0	0
Jheorheri	0	0	0	0	0	0
Jagatpura	0	1	1	0	1	1
Kandala	1	1	2	1	1	2
Kumbra	2	1	3	1	1	2
Kambala	0	0	0	1	0	1
Kurri	1	0	1	0	0	0
Karauran	0	0	0	0	0	0
Kansal	1	3	4	0	0	0

Kailon	0	0	0	0	0	0
Kurra	0	0	0	0	0	0
Kambali	0	0	0	0	0	0
Landran	0	2	2	0	1	1
Nadiali	1	0	1	1	0	1
Lakhnaur	0	0	0	0	0	0
Magar	0	0	0	0	0	0
Majatri	0	0	0	0	0	0
Majat	0	1	1	0	0	0
Makran	0	0	0	0	0	0
Moli Baidwan	0	0	0	0	1	1
Manauli	1	2	3	0	0	0
Mote Majra	0	0	0	0	0	0
Maujpur	0	0	0	0	0	0
Manak Majra	1	0	1	1	1	2
Manakpur Kallan	0	1	1	0	0	0
Machhli Kalan	1	2	3	0	1	1
Machhli Khurd	0	0	0	0	0	0
Masaul	0	0	0	0	0	0
Mullanpur (Garibdas)	2	4	6	3	1	4
Mamupur	0	0	0	0	0	0
Machhipur	0	0	0	0	0	0
Madanheri	0	0	0	0	0	0
Middhemajra	0	0	0	0	0	0
Malikpur	0	1	1	0	3	3
Milkh	0	0	0	0	0	0
Matran	2	0	2	1	1	2
Naya Shahar	0	0	0	0	1	1
Niamian	0	0	0	0	0	0
Nano Majra	0	0	0	0	1	1
Nada	1	1	2	1	0	1
Nabipur	0	1	1	0	0	0
Nangal Fajgarh	0	0	0	0	0	0
Nagiari	0	1	1	1	1	2
Parachh Badi Chhoti	0	0	0	0	0	0
Padiala	0	0	0	0	1	1
Panuan	0	0	0	0	0	0
Patran	0	0	0	0	0	0
Popna	1	1	2	1	0	1
Pir Sohana	0	0	0	1	0	1
Patton	0	0	0	0	0	0
Papri	0	0	0	0	0	0
Rangian	0	0	0	0	0	0
Rurki Pukhta	0	1	1	0	0	0
Radiala	0	0	0	0	0	0
Raipur	1	1	2	1	0	1
Raipur Chhota	0	0	0	0	0	0
Raipur Bada	0	0	0	0	0	0
Rurka	0	1	1	0	0	0
Rasanheri	0	0	0	0	0	0
Rora	0	0	0	0	0	0
Simbal Majra	0	0	0	0	0	0

Sahauran	2	0	2	0	1	1
Shakrullapur	1	0	1	1	0	1
Sawara	0	0	0	0	0	0
Sambhalki	0	0	0	0	0	0
Saneta	0	0	0	0	1	1
Sheikhan Majra	1	0	1	0	0	0
Shampur	0	0	0	0	0	0
Saidpur	0	0	0	0	0	0
Siayu	0	1	1	0	0	0
Saini Majra	0	1	1	0	0	0
Sohana	4	5	9	0	1	1
Sangariwala	0	2	2	0	0	0
Sukhgarh	0	0	0	0	0	0
Soonk	0	1	1	0	0	0
Sotal	0	0	0	0	0	0
Shafipur	0	0	0	0	0	0
Soi Majra	2	0	2	1	0	1
Sil Kapra	0	0	0	0	0	0
Sil	0	0	0	0	0	0
Todar Majra	1	1	2	0	0	0
Tangori	1	1	2	0	0	0
Tole Majra	0	0	0	0	0	0
Tripari	0	1	1	0	0	0
Chuhar Majra	0	0	0	0	0	0
Janta Colony	0	0	0	0	0	0
Balongi Colony	1	4	5	1	1	2
Bad Majra Colony	0	0	0	0	0	0
Chhoti Karauran	0	0	0	0	0	0
Chhaju Majra	1	1	2	1	1	2
Sante Majra	0	1	1	0	0	0
Khuni Majra	2	0	2	0	0	0
Toggan	2	2	4	3	2	5
Parch	1	0	1	1	0	1
Jujar Nagar	1	0	1	1	0	1
Chapper Chiri Khurd	0	1	1	1	0	1
Chapper Chiri Kalan	0	1	1	0	0	0
Bhagoli	0	0	0	0	0	0
Rurkipakki	0	1	1	0	0	0
Mundi Kharar	2	3	5	0	0	0
Khanpur	0	2	2	0	1	1
Bhajauli	0	0	0	0	0	0
Urdang	0	1	1	0	0	0
Premgarh	0	1	1	0	0	0
Sohana	0	0	0	0	0	0
Raipur Kalan	0	1	1	0	0	0
Kator	0	1	1	0	1	1
Abrama	1	0	1	1	0	1
Nada	0	0	0	0	0	0
Hulka	1	1	2	1	1	2
Deshu Majar	1	3	4	0	0	0
Kalewal	0	1	1	0	0	0
Total	106	144	250	55	45	100

Figure 37 : Ward wise and Village wise Cancer Incidence Cases and Mortality Cases of Boothgarh Block: S.A.S. Nagar District

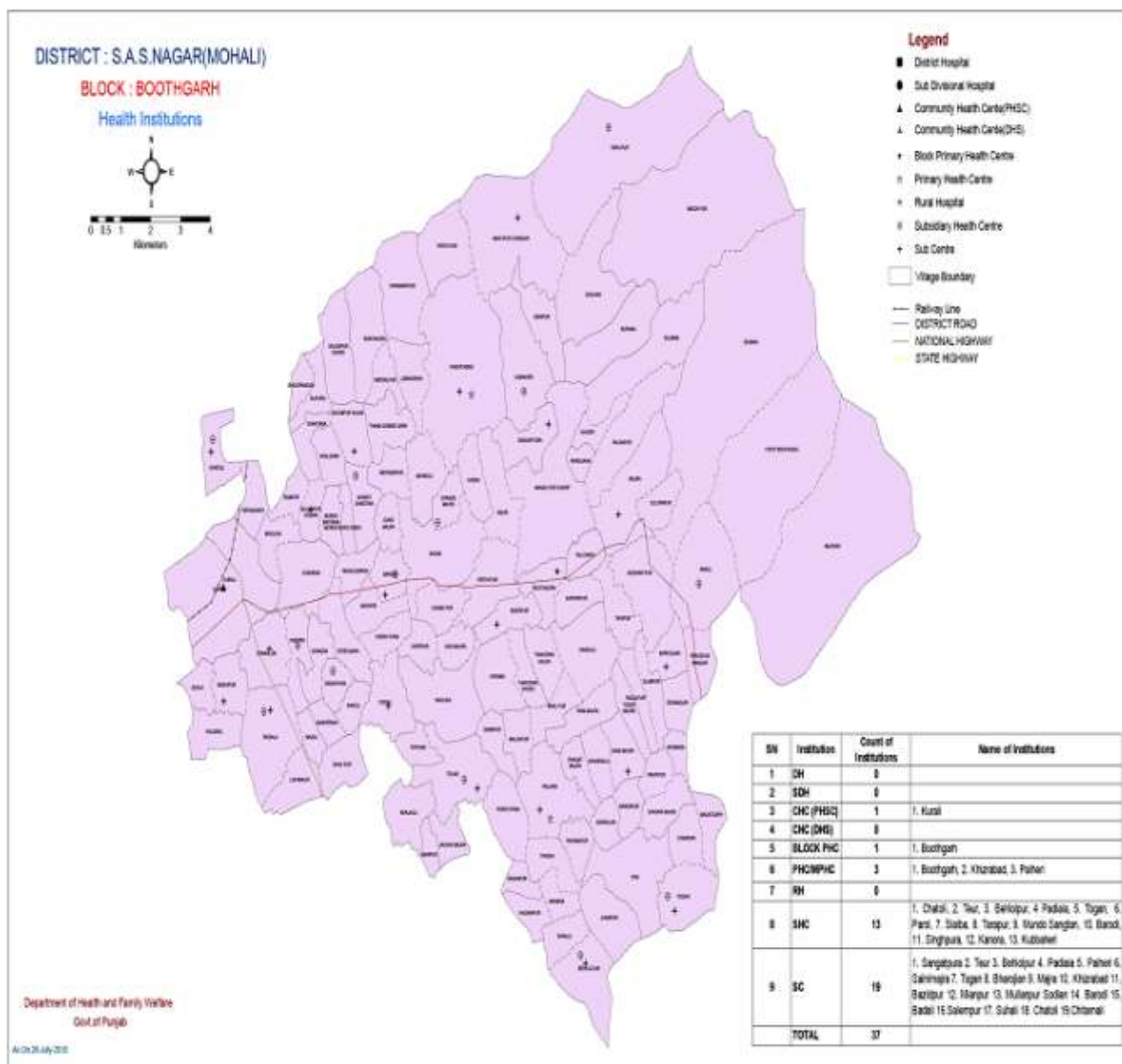


Table 30 : Ward wise and Village wise Cancer Incidence Cases and Mortality Cases of Boothgarh Block: S.A.S. Nagar District

Bootgarh Block						
Name and Ward	Urban Kurali					
	Incidence 2013			Mortality 2013		
	Male	Female	Total	Male	Female	Total
Kurali	5	3	8	2	0	2
Ward No.1	1	0	1	0	0	0
Ward No.2	1	1	2	0	0	0
Ward No.3	0	1	1	0	0	0
Ward No.4	1	0	1	1	0	1
Ward No.5	0	0	0	1	1	2
Ward No.6	0	0	0	1	0	1
Ward No.7	0	0	0	0	0	0
Ward No.8	0	0	0	0	0	0
Ward No.9	2	1	3	2	0	2
Ward No.10	0	0	0	0	0	0
Ward No.11	2	0	2	2	0	2
Ward No.12	1	0	1	0	0	0
Ward No.13	0	1	1	0	1	1
Majri Villages						
Abhipur	0	0	0	0	0	0
Akalgarh	0	0	0	0	0	0
Andheri	0	0	0	0	0	0
Abheypur	0	1	1	0	1	1
Andhrera	0	0	0	0	0	0
Baraudi	0	0	0	0	1	1
Bhagat Majra	0	0	0	0	0	0
Bhup Nagar	0	0	0	0	0	0
haraunjian	0	1	1	0	0	0
Bhajauli	0	0	0	0	0	0
Barsalpur	0	0	0	0	0	0
Bazidpur	0	0	0	0	0	0
Behlolpur	0	0	0	1	0	1
Bhaghindi	0	0	0	0	0	0
Boothgarh	0	0	0	0	0	0
Bahalpur	0	0	0	0	0	0
Chahar Majra	0	0	0	0	0	0
Chandpur	0	0	0	0	1	1
Chatauli	0	0	0	0	0	0
Chhoti Bari Naggal	0	1	1	0	0	0
Chintgarh	0	0	0	0	0	0
Dosarana	0	1	1	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	0	0	0	0	0
Dhaktana	0	0	0	0	0	0
Dhode Majra	0	0	0	0	0	0
Fatehgarh	0	0	0	0	0	0

Fatehgarh Chatouli	0	0	0	1	0	1
Ferozepur Bangar	0	0	0	0	0	0
Fatehpur Tapran	1	0	1	0	0	0
Fatehpur	0	0	0	0	1	1
Gochar	1	0	1	0	0	0
Gunno Majra	0	0	0	0	0	0
Gurrah	0	0	0	0	0	0
Ghandauli	0	0	0	0	0	0
Hosiarpur	0	0	0	0	0	0
Hussanpur	0	1	1	0	0	0
Jujhar Nagar	0	1	1	0	1	1
Jhampur	0	0	0	0	0	0
Jhande Majra	0	1	1	0	1	1
Jakar Majra	0	0	0	0	0	0
Jhingran Kalan	0	0	0	0	0	0
Kadi Majra	0	0	0	0	0	0
Khairpur	0	0	0	0	2	2
Khera	1	0	1	1	0	1
Khizarabad	1	1	2	1	0	1
Kansala	0	1	1	1	0	1
Kartarpur	1	0	1	0	0	0
Karoldianwala	0	0	0	0	0	0
Kanauran	0	0	0	0	0	0
Kubaheri	0	0	0	0	0	0
Kasauli	0	0	0	1	0	1
Lakhanaur	0	0	0	0	0	0
Lubangarh	0	0	0	0	0	0
Majri (Colony)	0	0	0	0	0	0
Majara	0	0	0	0	0	0
Jyanti Majri	0	1	1	0	0	0
Mianpur Chanugar	0	0	0	0	0	0
Mehraul	0	0	0	0	0	0
Mundhobhag Singh	0	0	0	0	0	0
Majri	0	1	1	0	0	0
Manakpur Sharif	1	0	1	0	0	0
Malakpur	0	1	1	0	0	0
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	0	0
Mullanpur Sodian	0	0	0	0	0	0
Manana	0	0	0	0	0	0
Naglian	0	0	0	0	0	0
Naholka	0	0	0	0	0	0
Nangal (Singhan)	0	0	0	0	0	0
Nangalgarian	1	0	1	1	0	1
Nanhyerian	0	1	1	0	0	0
Phattan	0	0	0	0	2	2

Pallampur	1	0	1	0	0	0
Palheri	1	0	1	0	0	0
Paraul	0	0	0	0	0	0
Paintpur	0	1	1	0	1	1
Ratwara	0	0	0	0	0	0
Rampur	2	0	2	0	0	0
Rakauli	1	1	2	1	1	2
Rani Majra	1	0	1	0	1	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	1	0	1	0	0	0
Shahpur	0	0	0	1	0	1
Sialba	0	0	0	0	0	0
Saini Majra	0	0	0	0	0	0
Salamatpur	0	0	0	0	0	0
Sangatpura	1	0	1	1	0	1
Salempur Kalan	0	0	0	0	0	0
Salempu Khurd	0	0	0	0	0	0
Sangalan	0	0	0	0	0	0
Shiamipur	1	0	1	0	0	0
Tarapur	0	0	0	0	0	0
Tera	1	3	4	1	2	3
Thana Gobindgarh	0	0	0	0	0	0
Taroli	1	1	2	1	1	2
Teur	1	0	1	2	2	4
Tojan	0	0	0	0	0	0
Tajpura	0	0	0	1	0	1
Thaska	0	0	0	0	0	0
Takki Pur	0	1	1	0	0	0
Wansepur	0	0	0	0	0	0
Tasoli	0	1	1	0	0	0
Wazidpur	1	0	1	0	0	0
Jhandewala	0	1	1	0	1	1
Total	33	30	63	24	21	45

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19. Annexure

Special Activities of the Cancer Registry (16th August 2013)

A training program on ICD oncology for PBCR staffs of Chandigarh, S.A.S. Nagar, Sangrur and Mansa PBCRs was organized on 16/08/2013 at School of Public Health, PGIMER, Chandigarh. Prof. J. S. Thakur emphasized the importance and objectives of the training in his opening remark. Session started with pre assessment. Doctors from various oncology departments gave lectures on types of cancer registries, exercises on retrieval of medical data from hospital records, ICD Oncology training to educate the staff about medical terminology and method of verbal autopsy. Staff from Medical Record Department showed cancer patient's files to the staff for better understanding and practice. Training ended with post assessment. There was improvement in the knowledge of the staff.



Workshop on Cancer Registration and Cancer Control (10th-13th October 2013)

'Workshop on Cancer Registration and Cancer Control' was organized by population based cancer registries Chandigarh, SAS Nagar, Sangrur and Mansa at Bhargava Auditorium, PGIMER on 10th to 13th October, 2013. The Honorable Chief Minister of Punjab, Sardar Parkash Singh Badal was the Chief Guest of the function.

In his speech, the Chief Guest appreciated the efforts made by the collaborating institutes (TMC, Mumbai and PGIMER, Chandigarh) in executing the cancer control activities. National and international faculties conducted the lectures and the practical sessions. More than 50 participants from Punjab and other states of India participated in the workshop.

Inaugural Function: Lighting ceremony by Honorable Chief Minister of Punjab by Mr. S Parkash Singh Badal- Workshop on Cancer Registration and Cancer Control

