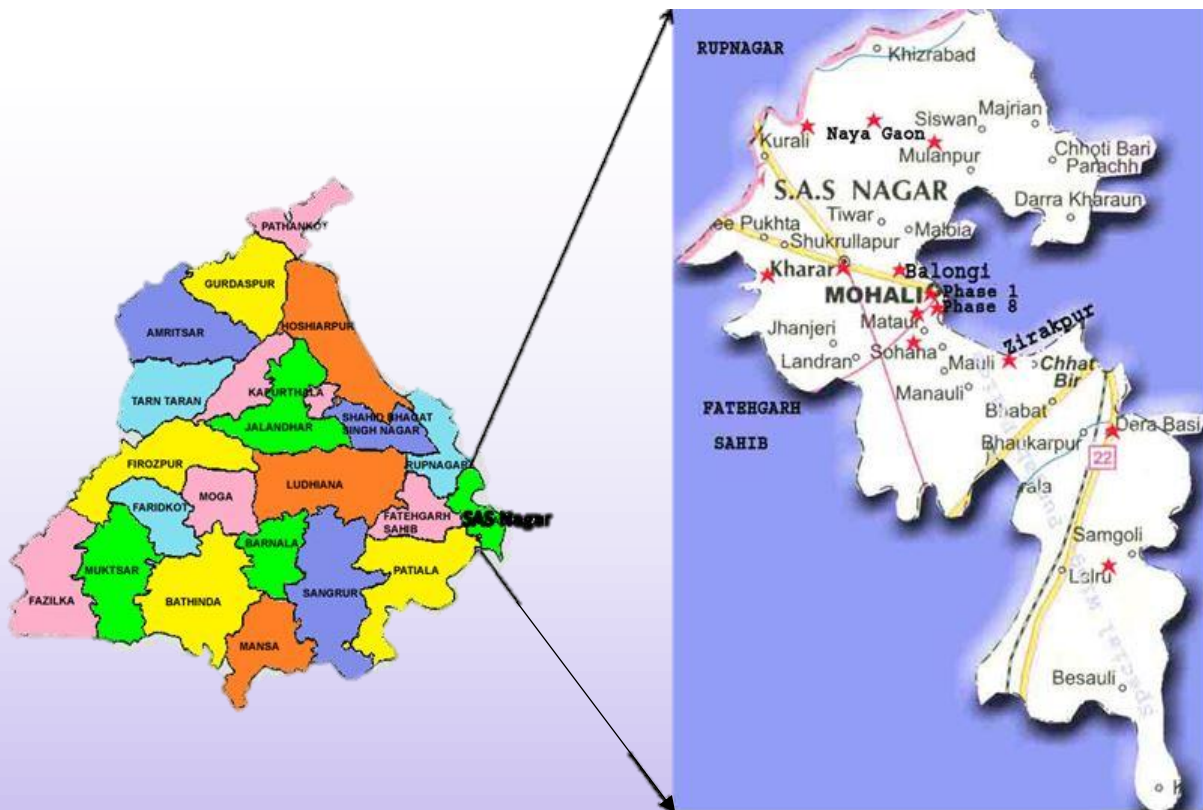


Cancer Incidence and Mortality in SAS Nagar District, Punjab state, India: 2017-2018



टाटा स्मारक केंद्र
Tata Memorial Centre



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Executive summary

Background

Tata Memorial Centre (TMC) Mumbai, Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh and Ministry of Health and Family Welfare, Government of Punjab have started the population-based cancer registry in Sahibzada Ajit Singh (SAS) Nagar District on 1st January 2013. The registry is located in the 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 and Kharar covering a population of 9,94,628 as per census 2011. SAS Nagar district is a conglomeration of urban and rural areas, more than 50% of the population resides in urban areas and the remaining in rural areas. The registry covers both urban and rural areas (419 villages) of the district. The estimated population for 2017-2018 is 12,66,760.

Registration method

The trained social worker of the registry regularly visits different hospitals, pathology laboratories, medical colleges, cancer centers as well as the birth and death registrar offices to collect the cancer incidence and death cases. After collecting the cases from the primary sources, the field staffs reconfirm the details of the patients by telephonic conversation and also plans for a home visit if the telephonic contact was not achieved. Moreover, in rural areas, social worker interacts with village sarpanch, Auxillary Nurse Midwife (ANM), Accredited Social Health Activists (ASHAs) workers, Primary Health Centre (PHC) staffs periodically to know the cancer cases diagnosed in the area and the cancer deaths occurred in the village. With the help of ASHAs, the registry staff interviewed the patient/patients' relatives and obtained necessary information. This information was further confirmed by the treating hospital. After residence confirmation (residence in the district for at least one year), checking for duplication is done and duplicate cases were removed. The data entry and analysis was carried out in *CanReg5* software.

Results

The cancer registry registered 1776 newly diagnosed cancer cases (844[47.5%] males and 932 [52.5%] females) in the year 2017-2018. The overall age-adjusted incidence rate (AAR) was 79.2 per 100,000 population for males and 91.9 per 100,000 population for females. The

cumulative risk of developing cancer among males for the age group 0-74 was 9.5% (1 in 11 men is at risk of getting cancer) and 10.5% among females (1 in 10 females is at risk of getting cancer).

The cancer registry has also registered a total of 975 cancer deaths. The registry reported 556 (57.0%) cancer deaths among males and 419 (43.0%) deaths among females. The overall age-adjusted mortality rates are 53.8 per 100,000 populations for males and 41.9 per 100,000 populations for females.

As compared to the previous year (2015-2016) the incidence rate declined due to untraceable cases as well as due to challenges we faced during the COVID-19 pandemic in the given period.

Leading cancer sites

Among males, the prostate, oesophagus, lung, urinary bladder, and NHL are the leading cancer sites. In females, breast, cervix uteri, ovary, corpus uteri, and gall bladder are the leading cancer sites. Leading cancer sites are mentioned in Tables I and II.

Table I: Leading cancer sites in males: 2017-2018

ICD 10	Site	Total	%	CR	AAR	TR
C61	Prostate	94	11.1	7.1	8.5	6.1
C15	Oesophagus	62	7.3	4.7	6.2	14.0
C33-C34	Trachea, bronchus and lung	63	7.5	4.7	6.2	11.0
C67	Urinary Bladder	56	6.6	4.2	5.3	9.4
C82-C86, C96	Non-Hodgkin lymphoma	53	6.3	4.0	5.0	10.8

CR: Crude Incidence Rate per 100,000, AAR: Age-Adjusted Rate per 100,000, TR: Truncated Incidence Rate per 100,000 Population

Table II: Leading cancer sites in females: 2017-2018

ICD 10	Site	Total	%	CR	AAR	TR
C50	Breast	304	32.6	25.2	30.0	75.3
C53	Cervix Uteri	83	8.9	6.9	8.4	21.6
C56	Ovary	57	6.1	4.7	5.7	12.8
C54	Corpus Uteri	40	4.3	3.3	4.2	10.1
C23-C24	Gallbladder etc.	40	4.3	3.3	4.0	9.6

CR: Crude Incidence Rate per 100,000, AAR: Age Adjusted Rate per 100,000, TR: Truncated Incidence Rate per 100,000 Population

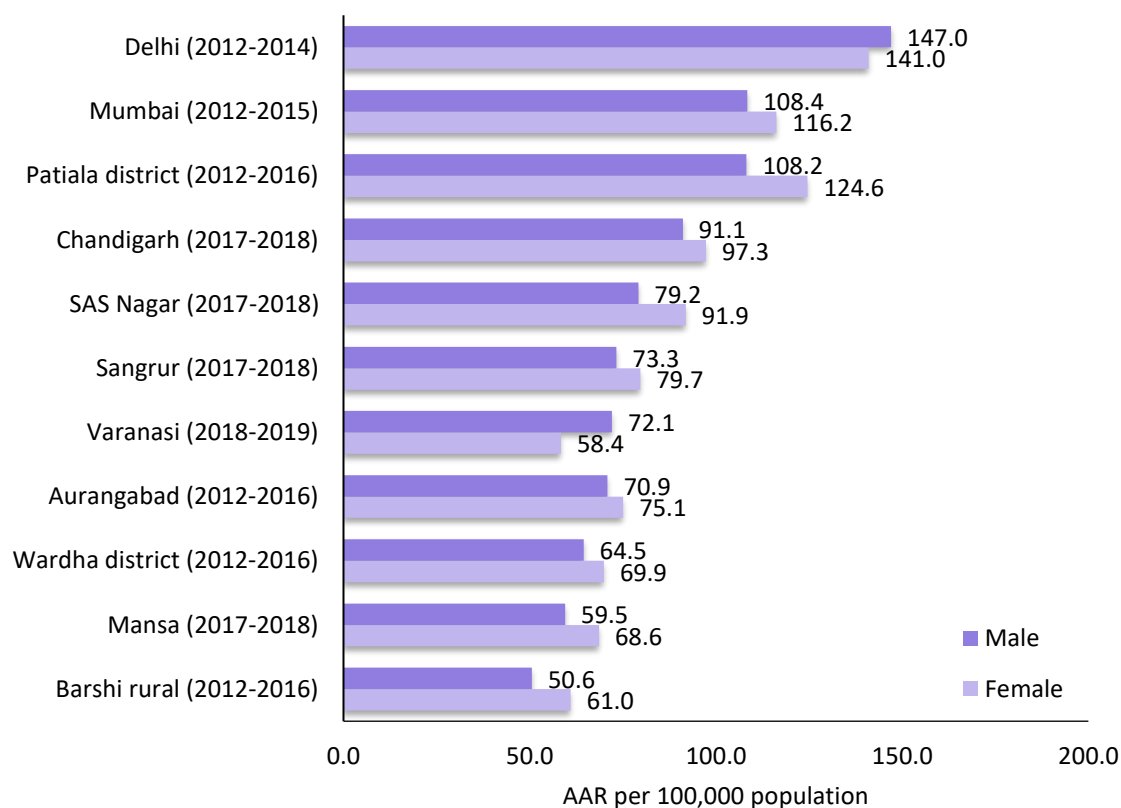
Primary unknown cases

In the year 2017-2018, 3.6% of other and unspecified primary site cases among males and 1.7% among females were registered.

Comparison of cancer incidence rate of SAS Nagar (2017-2018) with other registries in India

As compared to other parts of India, cancer incidence rates are in comparison with other parts of urban India. The comparison is shown in figure I.¹⁻⁵

Figure I: All site cancer incidence rate



Recommendation

Based on the findings of the report, the registry recommends initiate the conduction of cancer awareness program for breast, cervix, prostate, lung and oesophageal cancers along with improving the access to cancer diagnosis and treatment services. The Government of Punjab through the district cancer control program can implement the above strategies.

Tata Memorial Centre, Mumbai has established Homi Bhabha Cancer Hospital at Mullanpur in SAS Nagar district to provide comprehensive cancer treatment facilities for Punjab and neighbouring states. The hospital has started functioning now. The Homi Bhabha Cancer Hospital and Research Centre will play an important role in the cancer control program.

1. Punjab state profile

Punjab is situated in northwest India. The five rivers Sutlej, Beas, Ravi, Chenab and Jhelum gave Punjab its name 'Punj-ab' or 'land of five waters/rivers'. This Indian state borders the Pakistani province of Punjab to the west, Jammu and Kashmir to the north, Himachal Pradesh to the northeast, Chandigarh to the east, Haryana to the south and southeast and Rajasthan to the southwest.

As per the census of 2011, Punjab has a total population of 27,743,338 of which 14,639,465 (52.76%) are males and 13,103,873 (47.2%) are females. It constitutes 2.3% of the total population of India.⁶

Punjab's capital is Chandigarh, which is administered separately as a Union Territory since it is also the capital of the Haryana state of India. There are 22 districts in Punjab.

The Punjabi language, written in Gurmukhi script, is the official language of the state. Besides Punjabi, Hindi, Urdu and the universally acclaimed English are the languages that are spoken in Punjab. The Punjab state profile is presented in Table 1 ⁷.

Table 1: State profile of Punjab, India

Sr. No.	Items	Unit	Number
	Area		50,362
1.	(i) Rural-Area	Sq. Km	48,265
	(ii) Urban Area		2097
2.	District	Number	22
3.	Tehsils	Number	81
	(Population 2011)		
4.	Total Population	Lakh	277.0
	Rural Population		173.2
5.	% of Rural to Total Population	%	62.5
6.	% of Urban to Total Population	%	37.5
7.	Density	Per Sq. Km	550
8.	Literate & Educated Persons	Number	18,988,611
9.	Female per 1000 Male	Number	893
10.	Literacy	%	76.7

2. SAS Nagar district profile

Sahibzada Ajit Singh Nagar (SAS Nagar) /Mohali district has been carved out of areas falling in Ropar and Patiala districts as the 18th district of Punjab on 14th April 2006. The district includes SAS Nagar, Kharar and Derabassi tehsils (Table 2). It is located in the northeast part of Punjab and it includes 419 villages. The important townships in the district are Kharar, Kurali, Mohali, Zirakpur&Derabassi. Rapid urbanization in SAS Nagar results in migration from neighboring districts and states⁸.

Table 2: SAS Nagar district area administrative profile

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

Rural-Urban

The area under the SAS Nagar district shows an amalgamation of both urban and rural areas. As per the 2011 census, 544,611 (54.8%) of its population resides in the urban area and the remaining in the rural area (Table 3).⁹

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

Sr. No.	Characteristics	Unit	SAS Nagar
1.	Area	Sq. Km	1094
	Total Population (Census 2011)		994,628
2.	Rural	Lakh	450,017
	Urban		544,611
3.	% of Urban to Total Population	%	54.8
4.	% of Rural to Total Population	%	45.2
5.	Population Density	Per Sq.km	909
6.	Sex ratio (Female per 1000 Male)	Number	879
7.	Literacy Rate	%	83.80

Health infrastructure of SAS Nagar district

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

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

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

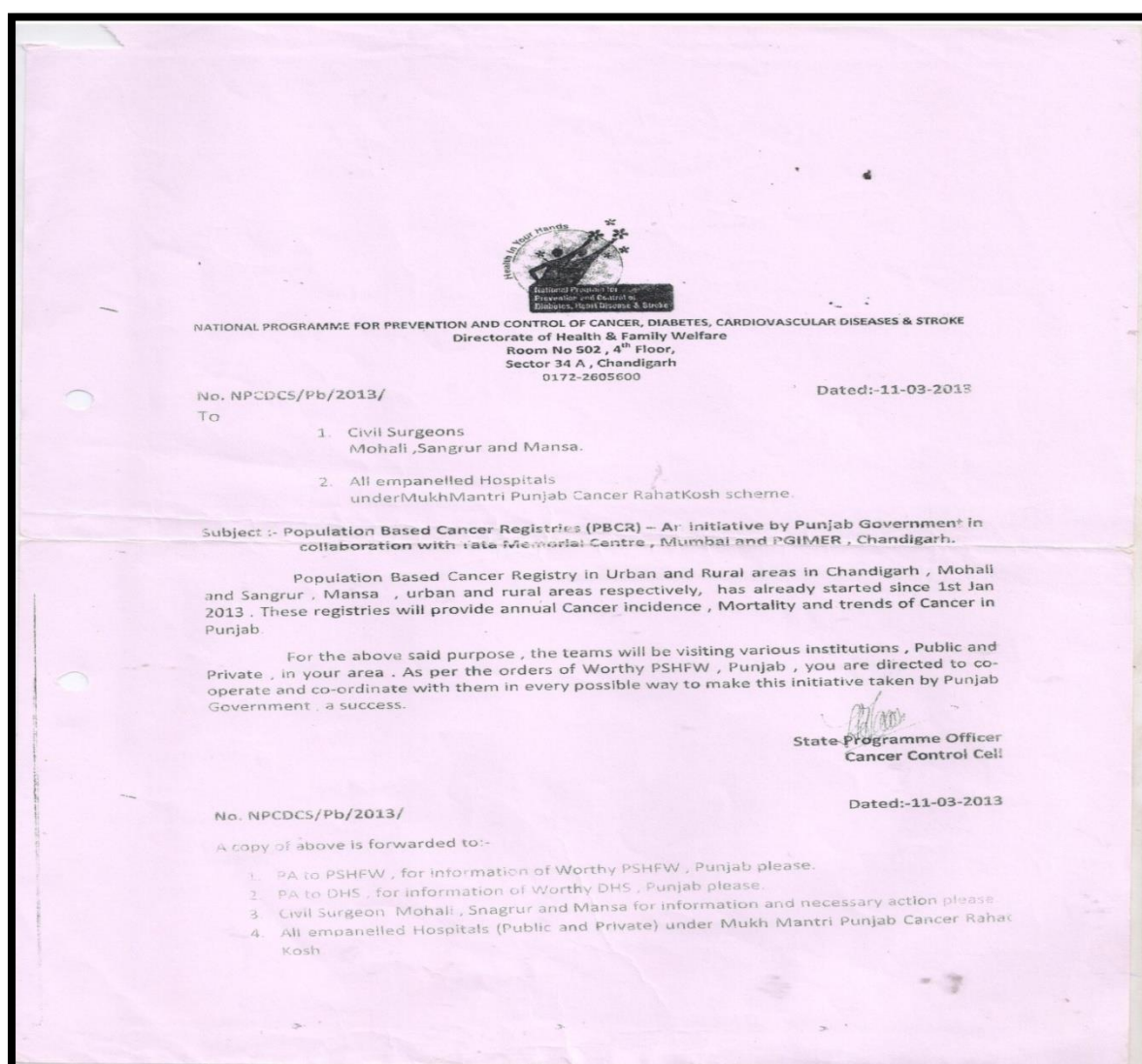
Table 5: List of the private hospital in SAS Nagar, Punjab

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

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

State program officer (Cancer Control Cell), Punjab issued the administrative order to all the government hospitals and private hospitals (empanelled under Mukhya Mantri Rahat Kosh Yojna) in SAS Nagar to provide the data of cancer patients including demographic data to a population-based cancer registry for better cancer reporting (Figure 1). 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 1: Office order from the state programme officer (Cancer Control Cell)



4. Population covered by the cancer registry

PBCR, SAS Nagar covered the entire population of SAS Nagar i.e., 1.26 million for the year 2017-2018. It was estimated from the 2011 census population (Table 6) based on the exponential growth method.

Table 6: SAS Nagar district population as per census 2011

Area	Male (%)	Female (%)	Total (%)
Urban	288,269 (52.9)	256,342 (47.1)	544,611 (54.8)
Rural	240,984 (53.5)	209,033 (46.5)	450,017 (45.2)
Total	529,253 (53.2)	465,375 (46.8)	994,628

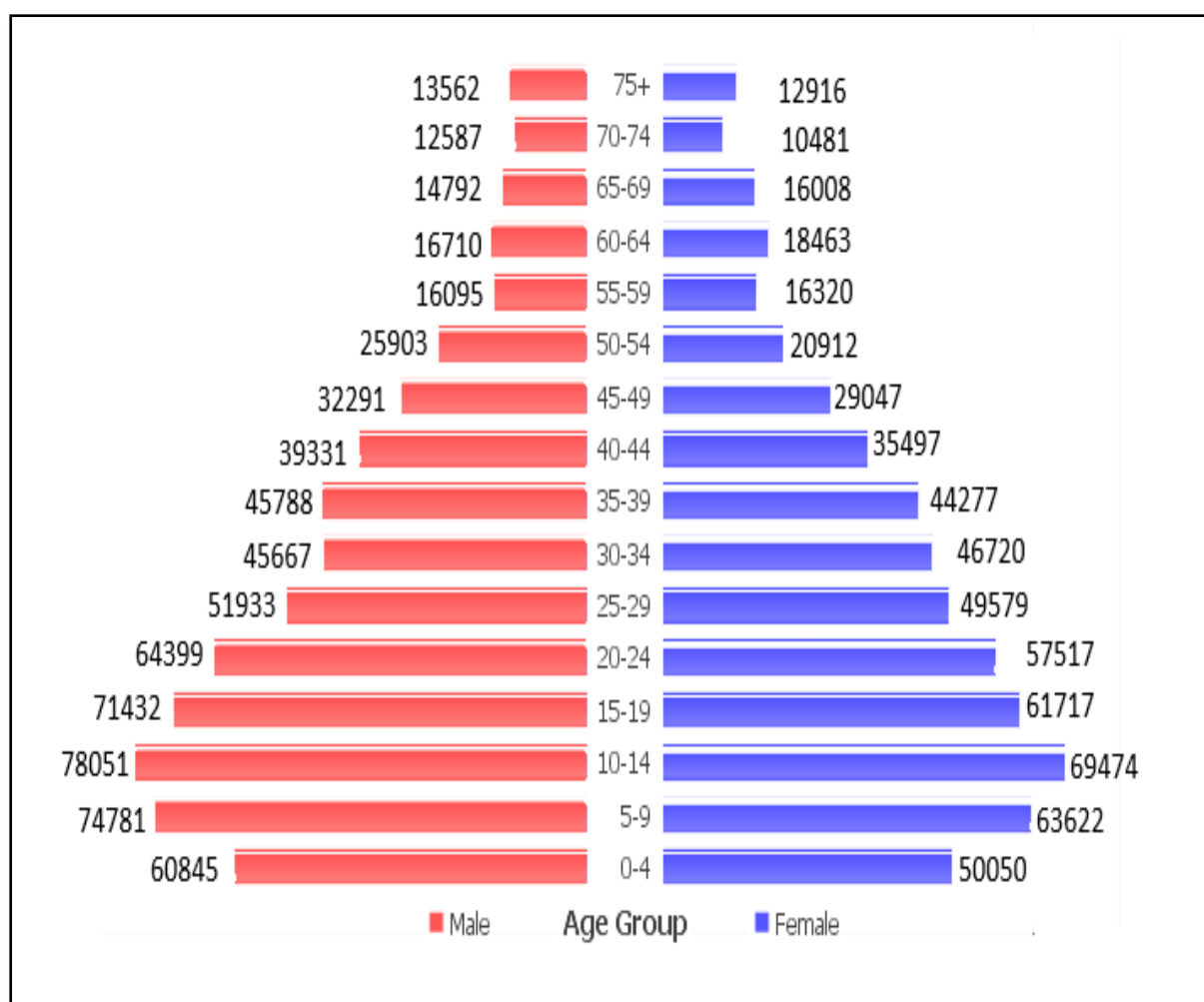
Average estimated population of SAS Nagar: 2017 – 2018

The average estimated mid-year population for 2017-2018 derived from the decadal growth rate between 2001 to 2011 census population is 12,66,760 among which 6,64,164(52.4%) are males and 6,02,596(47.6%) females (Table 7). The population pyramid of SAS Nagar is shown in Figure 2.

Table 7: Estimated population by age and sex, SAS Nagar: 2017 – 2018

Age group	Male		Female		Total	
	Number	%	Number	%	Number	%
0_4	60845	9.2	50050	8.3	110895	8.8
5_9	74781	11.3	63622	10.6	138403	10.9
10_14	78051	11.8	69474	11.5	147525	11.6
15_19	71432	10.8	61717	10.2	133149	10.5
20_24	64399	9.7	57517	9.5	121915	9.6
25_29	51933	7.8	49579	8.2	101512	8.0
30_34	45667	6.9	46720	7.8	92387	7.3
35_39	45788	6.9	44277	7.3	90065	7.1
40_44	39331	5.9	35497	5.9	74828	5.9
45_49	32291	4.9	29047	4.8	61337	4.8
50_54	25903	3.9	20912	3.5	46815	3.7
55_59	16095	2.4	16320	2.7	32415	2.6
60_64	16710	2.5	18463	3.1	35173	2.8
65_69	14792	2.2	16008	2.7	30800	2.4
70_74	12587	1.9	10481	1.7	23068	1.8
75+	13562	2.0	12916	2.1	26478	2.1
Total	664164	100	602596	100	1266760	100

Figure 2: Population pyramid of SAS Nagar:2017 – 2018



5. Cancer registration method

Cancer incidence cases

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

Table 8: Sources of cancer registration for PBCR SAS Nagar

Sr. No.	Institution Name	Place
Hospitals		
1.	PGIMER, Sector-12	Chandigarh
2.	Government Medical College and Hospital, Sector-32 (GMCH-32)	Chandigarh
3.	Government Multi-Specialty Hospital, Sector-16 (GMSH-16)	Chandigarh
4.	Kidney And Urology Centre, Sector-46	Chandigarh
5.	Chuttani Medical Centre, Sector-17	Chandigarh
6.	Chandigarh Cancer Diagnostic Centre, Sector-33	Chandigarh
7.	Fortis Hospital	S.A.S. Nagar
8.	Max Super Specialty Hospital	S.A.S. Nagar
9.	Indus Super Specialty Hospital	S.A.S. Nagar
10.	IVY Hospital	S.A.S. Nagar
11.	Behgal Hospital, Multispecialty and Cancer Center	S.A.S. Nagar
12.	Civil Hospital	S.A.S. Nagar
13.	Harmony Hospital	S.A.S. Nagar
14.	Shri Guru Harkrishan Hospital, Sohana	S.A.S. Nagar
15.	Grecian Super Speciality Hospital	S.A.S. Nagar
16.	J.P. Super Specialty Hospital	Zirakpur, S.A.S. Nagar
17.	Indus International Hospital	Derabassi, S.A.S. Nagar
18.	Amar Hospital	S.A.S. Nagar
19.	Cheema Hospital	S.A.S. Nagar
20.	Acharya Tulsi Regional Cancer Treatment and Research Institute	Bikaner, Rajasthan

Laboratories		
1.	Indira Holiday Home, Sector-24	Chandigarh
2.	Malhotra Path Lab	Chandigarh
3.	Medicos Path Lab	Chandigarh
4.	Mujoo's Path Lab, Sector-15	Chandigarh
5.	SRL Path Lab, Sector-11	Chandigarh
6.	Dr Sodhi Path Lab	S.A.S. Nagar
7.	Helix Path Lab	S.A.S. Nagar
8.	Nimbus Path Lab	S.A.S. Nagar
9.	Ahuja Path Lab	Kharar
Other sources		
1.	Birth And Death Registrar Office, Sector-17	Chandigarh
2.	Birth And Death Registrar Office, Sector-69	S.A.S. Nagar
3.	Cancer Cell Phase-6	S.A.S. Nagar
4.	Cremation Ground, Balongi	S.A.S. Nagar
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.	Birth And Death Registrar Office, Zirakpur	Zirakpur

Cancer death cases

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

The collected information on deaths 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 the collection and filling of missing variables through interviewing the relatives of the deceased during home visits. Verbal autopsies are done to all cases where no hospital records are available on cancer.

Cases notified through death certificates, for which the registry staffs are not able to obtain further information either from the records available with the deceased family or from hospital records [after matching or tracking back with hospital information system (HIS)], are registered as “Death Certificates Only (DCO)” cases. In these cases, no other information is available other than the death certificate which mentions cancer as a cause of death. Verbal autopsies are done for all DCO cases and the cause of death coding is done by a medical doctor.

Data collection and registration by the registrar

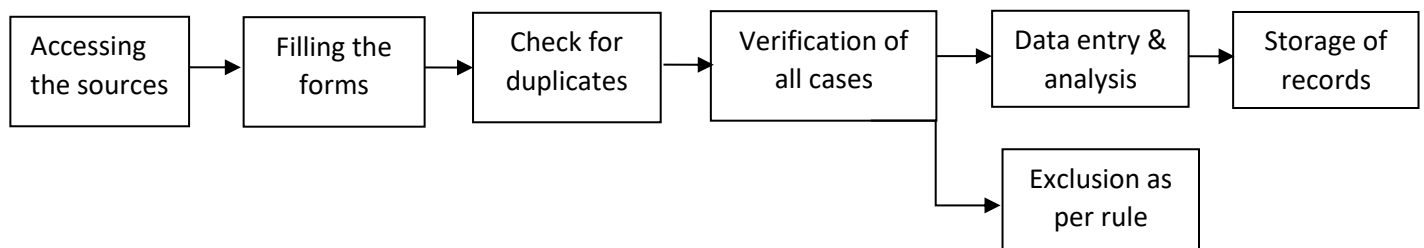
The registry staffs periodically visit different sources for the collection of data according to their work plan. They abstract the hospital records and enter the data into a semi-structured data extraction proforma. After duplicity check done by the data entry operator, the forms are filed separately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

Additionally, cancer cases diagnosed before 2017 are also registered with the exact date of diagnosis for future follow up, and to study the course of disease among them. Though these cases will not appear in the incidence of 2017-2018, it can be presented as a source of data in case of any death happens. All these forms are kept for follow-up, which is done either telephonically or in person at periodic intervals.

Cancer cases residing outside the registry area are excluded after thorough scrutiny either telephonically or in-person verification. All these forms are filed and stored separately. The primary cancer site and histology are coded based on the International Classification of Diseases on Oncology – Third Edition, Geneva, 2000 (ICD-O3).¹⁰

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

Figure 3: Process of registration of cancer cases



Data Entry

CanReg5 software which is developed by International Agency Research on Cancer (IARC), Lyon, France is used for data entry, storage and analysis.¹¹It is an open-sourced, offline software program and has the 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 tumours per patient and multiple sources per tumor. As the data entry starts, the software allocates a unique ID to each case. At a different level, duplication checks are done and are eliminated if it is found. Consistency checks are also performed between different variables. All staff of the registry are trained on CanReg5 for entering and analysing the data. At the start and end of the day, back up of the data is done. All data are kept confidential using a username and password for the registry.

6. Community involvement in the cancer registration process

SAS Nagar is in the vicinity of Chandigarh hence most of the patients in this area visit PGIMER for better treatment. Moreover, SAS Nagar district has well-known private institutions that provide better cancer care treatment. The department of Health and Family Welfare, Government of Punjab has conducted door-to-door campaigns to raise awareness and also conducted a household survey to know the prevalence of cancer in each district of the state.¹² Due to this program, the community leaders are aware of the importance of the disease and the cancer registration process. The community health workers like ANMs, Anganwadi workers, and ASHAs keep information of the cancer incidence and death cases that occurred in their 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.

Community interaction confirms the residence of cancer cases in urban and rural areas. Patients/ patient's relatives provide demographic information such as education, income, religion, etc. Due to regular village visits and interaction with the community, we could 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 2017-2018, 1,776 incident cancer cases (males: 844 and female: 932) have been registered by PBCR SAS Nagar. For the same period, 975 cancer deaths have been registered (males: 556 and female: 419). The overall mortality to incidence ratio is 0.55 (54.9%) [Males-0.66 (65.9%) and females-0.45 (45.0%)] which is good and comparable to other established urban PBCRs in India.

Quality control of cases

We registered 1,776 cases for 2017-2018. Quality control exercise was carried out for the improvement of the records and the capacity building of the staff. All the proformas filled by registry staff are cross-checked by a medical doctor from PGIMER, Chandigarh. There was a total of 28 meetings (12 with all 4 PBCRs and 16 with Chandigarh and SAS Nagar Cancer Registries) conducted for their capacity building. A special training session on the abstraction of medical record was organized by a medical expert from PGIMER.

Microscopic verification of the cases

In the year 2017-2018, out of 844 cases in men, we have 816 (96.7%) cases diagnosed based on microscopic verification. 2.3% of cases are diagnosed based on radiological findings. Similarly in females, out of 932 cases, we have 914 cases (98.1%) diagnosed on the basis of microscopic verification. The overall proportion of microscopically verified cases is 97.4 % for incident cases. We may have missed the cases which were diagnosed clinically.

Death certificate only (DCO) cases

We have registered 2 (0.2%) incident cases in males under the DCO category. The death cases have been registered based on the narration/relative remarks/ discharge summary available with the patient's relative. In 2017-2018 newly registered cancer cases, the registry reported less than 10% of DCO.

Incidence rates of childhood cancers

In the year 2017-2018, we registered 17 cancer cases of boys and 12 cases among girls. The age-specific incidence rates reported for the paediatric cancer are low. We might have missed the 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 SAS Nagar district: 2017-2018

Age group	Boys		Girls	
	Number of Cases	Age-Specific Rate	Number of Cases	Age-Specific Rate
0 – 4	7	57.5	4	40.0
5 – 9	4	26.7	7	55.0
10 – 14	6	38.4	1	7.2
Age-adjusted rate per 1,000,000 (AAR per million)	42.1		35.3	

The age-adjusted incidence rate for the paediatric age group (0-14) was 42.1 per million for boys and 35.3 per million for girls. As per the international incidence of childhood cancer volume III, the incidence rate for boys is more than 60 per million.¹³

Average number of sources per case registered

The rationale of using multiple sources for data collection is to reduce the possibility of cancer cases going unreported, thus increasing the completeness of the registry data. The higher the number of sources, the higher is the degree of completeness of the registry. At PBCR SAS Nagar, there were a total of 1776 incident cases and the average number of sources per case is 2.3.

Source	Number of cases confirm
Source 1	1,776
Source 2	1,762
Source 3	476
Source 4	65
Source 5	6
Source 6	2
Total sources	4,087
Per source of registration	2.3 (4,087/1,776)

8. Cancer cases registered by the source of registration: First source of information

PGIMER, Chandigarh is the first source of information around 60% incidence as well as mortality cases. As compared to the previous year, the first source of registration in incidence cases as a PGIMER is improved from 57% to 61%. The cancer incidence and death cases registered by the source of registration are mentioned in Table 10 and 11.

Table 10: Cancer incidence cases information by the first source of cancer registration

Source name	Male		Female		Total	
	Number	%	Number	%	Number	%
Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh	552	65.4	526	56.4	1078	60.7
Government Medical College and Hospital, Chandigarh	72	8.5	111	11.9	183	10.3
Cancer Cell, Phase-6, Mohali	59	7.0	97	10.4	156	8.8
Fortis Hospital, Mohali	28	3.3	40	4.3	68	3.8
Max Multi speciality Hospital, Mohali	25	3.0	18	1.9	43	2.4
Malhotra Medical Lab, Chandigarh	10	1.2	24	2.6	34	1.9
Fortis Path Lab, Mohali	17	2.0	17	1.8	34	1.9
Cancer Diagnostic Centre, Sector-33/D, Chandigarh	9	1.1	12	1.3	21	1.2
IVY Hospital, Mohali	6	0.7	11	1.2	17	1.0
Behgal Cancer and Surgical Centre, Mohali	6	0.7	9	1.0	15	0.8
Birth & Death Registrar, Phase-06, Mohali	10	1.2	5	0.5	15	0.8
Government Multi Specialty Hospital, Chandigarh	3	0.4	7	0.8	10	0.6
Indus Super Speciality Hospital, Mohali	3	0.4	7	0.8	10	0.6
Shri Guru Harkishan Hospital, Sohana, Mohali	5	0.6	5	0.5	10	0.6
Cremation Ground, Balongi-Kharar, Chandigarh	5	0.6	4	0.4	9	0.5
Indra Holiday Home, Sector-24, Chandigarh	1	0.1	7	0.8	8	0.5
Kidney and Uro Stone Centre, Chandigarh	6	0.7		0.0	6	0.3
Municipal Corporation, Zirakpur, Mohali	2	0.2	4	0.4	6	0.3
Municipal Corporation, Kharar, Mohali	4	0.5	1	0.1	5	0.3
Other	21	2.5	27	2.9	48	2.7
Total	844	100	932	100	1776	100

Table 11: Cancer mortality cases information by the first source of cancer registration

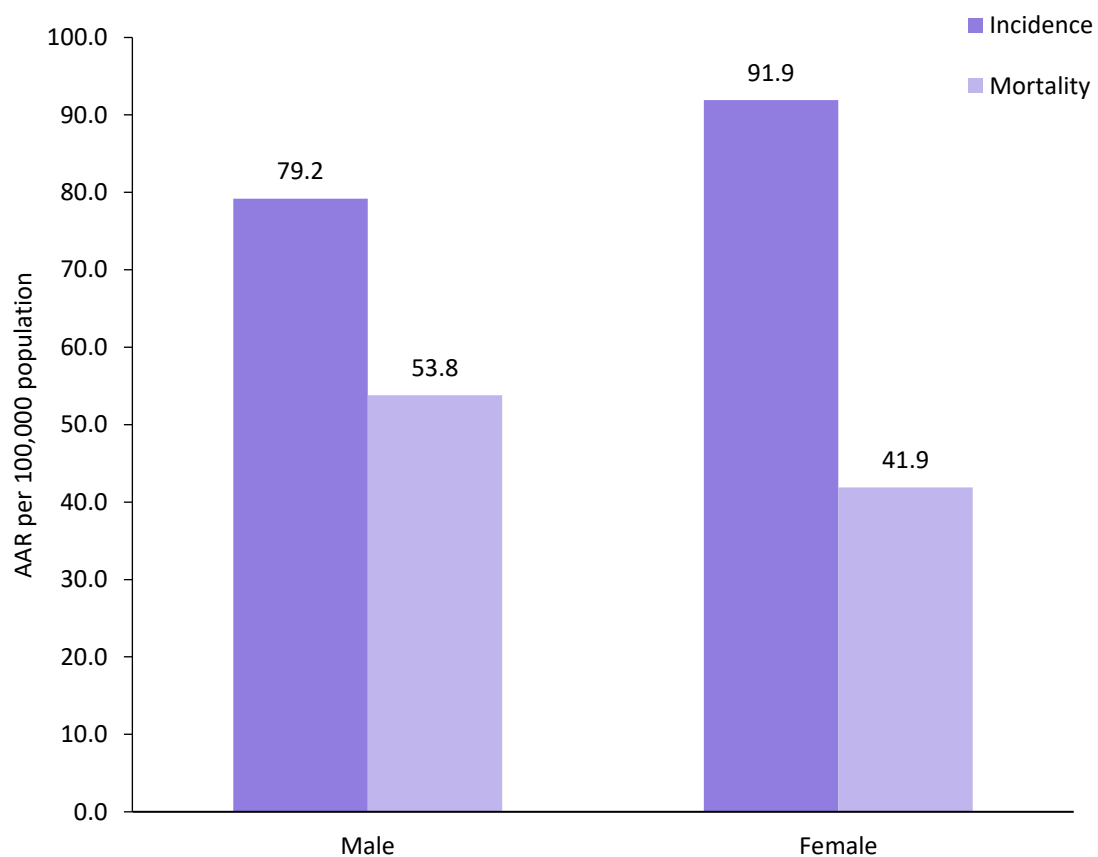
Source name	Male		Female		Total	
	Number	%	Number	%	Number	%
Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh	344	61.9	235	56.1	579	59.4
Government Medical College and Hospital, Chandigarh	49	8.8	49	11.7	98	10.1
Cancer Cell, Phase-6, Mohali	36	6.5	36	8.6	72	7.4
Fortis Hospital, Mohali	15	2.7	18	4.3	33	3.4
Max Multi speciality Hospital, Mohali	14	2.5	11	2.6	25	2.6
Birth & Death Registrar, Phase-06, Mohali	18	3.2	7	1.7	25	2.6
IVY Hospital, Mohali	10	1.8	10	2.4	20	2.1
Malhotra Medical Lab, Chandigarh	9	1.6	6	1.4	15	1.5
Cremation Ground, Balongi-Kharar, Chandigarh	6	1.1	4	1.0	10	1.0
Fortis Path Lab, Mohali	6	1.1	4	1.0	10	1.0
Behgal Cancer and Surgical Centre, Mohali	5	0.9	4	1.0	9	0.9
Indus Super Speciality Hospital, Mohali	4	0.7	4	1.0	8	0.8
Shri Guru Harkishan Hospital, Sohana, Mohali	4	0.7	4	1.0	8	0.8
Municipal Corporation, Zirakpur, Mohali	3	0.5	3	0.7	6	0.6
Civil Hospital, Mohali	2	0.4	3	0.7	5	0.5
Birth & Death Registrar, Sector-17, Chandigarh	3	0.5	2	0.5	5	0.5
Cancer Diagnostic Centre, Sector-33/D, Chandigarh	3	0.5	2	0.5	5	0.5
Municipal Corporation, Sector-68, Mohali	2	0.4	2	0.5	4	0.4
Government Multi Specialty Hospital, Chandigarh	1	0.2	2	0.5	3	0.3
Other	22	4.0	13	3.1	35	3.6
Total	556	100	419	100	975	100

9. Cancer incidence and mortality: All sites

There are 1,776 new cancer cases registered in SAS Nagar district for the year 2017-2018 out of which 844 (47.5%) cases are males and 932 (52.5%) females cases. The age-adjusted incidence rate for males is 79.2 per 100,000 populations and for females, it is 91.9 per 100,000 population.

Similarly, cancer mortality was registered 975 cases for the year 2017-2018. Among these, there were 556 (57%) male cases and 419 (43%) female cases. The age-adjusted mortality rate for males is 53.8 per 100,000 populations and for females, it is 41.9 per 100,000 population. The age-adjusted cancer incidence and mortality rates for all sites for males and females are presented in Figure 4.

Figure 4: All sites cancer incidence and mortality rate by sex: 2017-2018



10. Leading cancer sites by gender

In males, prostate, oesophagus, lung, urinary bladder, NHL, mouth, liver, tongue, lymphoid leukaemia, and brain, NS are the leading cancer sites. The top ten leading cancer site rates are presented in Figure 5. In females, the breast, cervix uteri, ovary, corpus uteri, gall bladder, oesophagus, NHL, colon, lung, and liver are the leading cancer sites. The top ten leading cancer sites are presented in Figure 6.

Figure 5: Leading cancer sites in males: 2017-2018

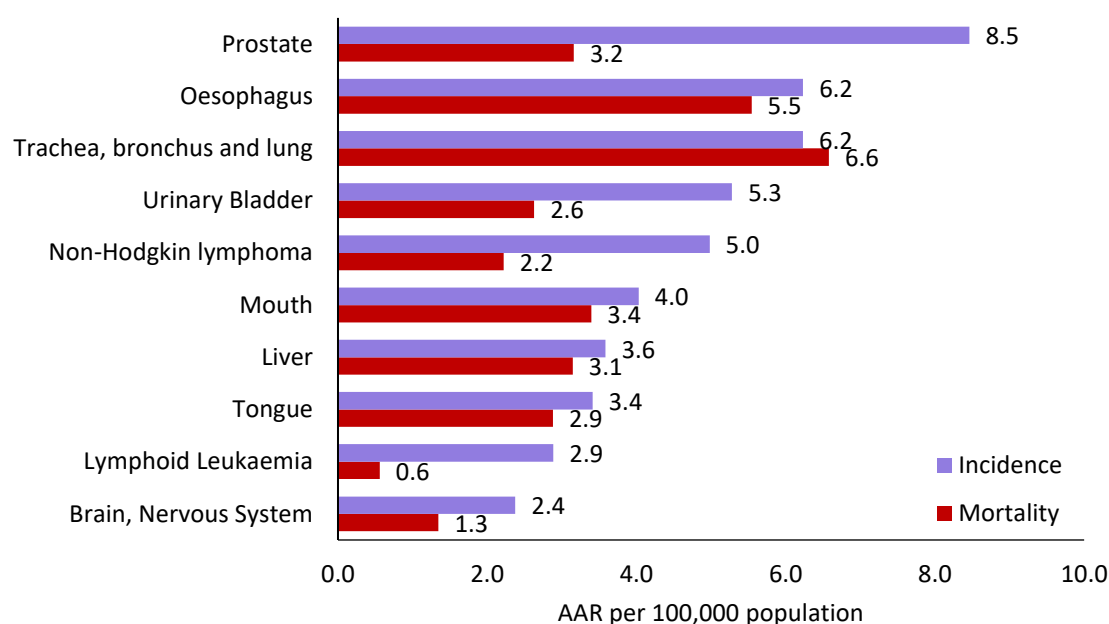
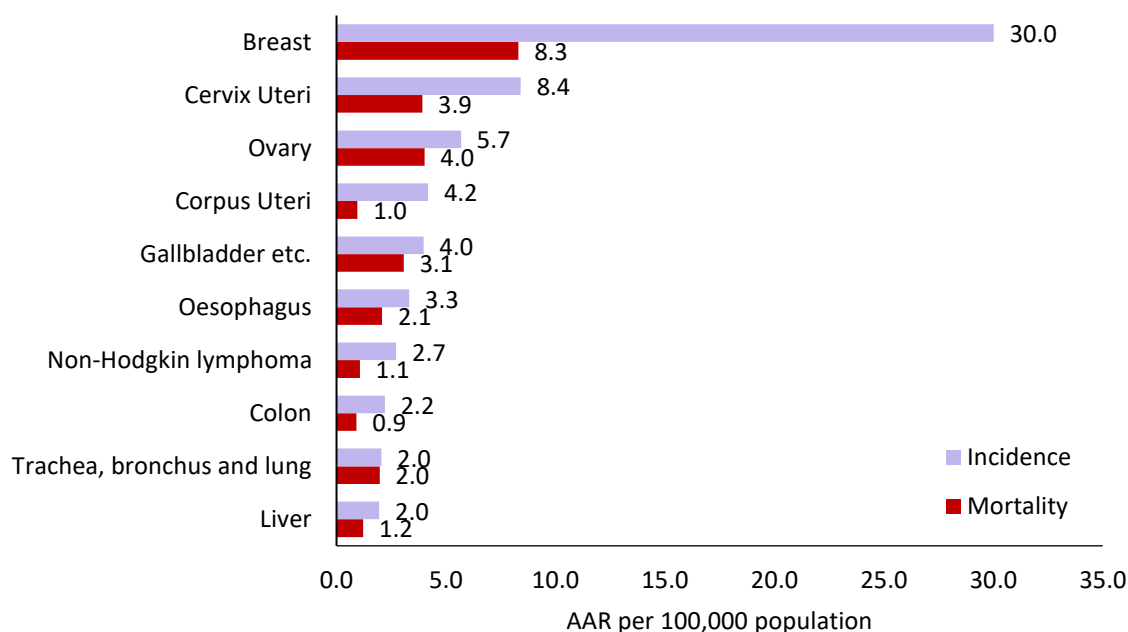


Figure 6: Leading cancer sites in females: 2017-2018



Comparison of leading cancer sites with other Indian registries

The site-wise cancer cases details are shown in respective tables below with crude rate, age-adjusted incidence rate, and truncated rate. The age-specific incidence rate for males and females for each site, as well as comparisons with other Indian registries, are also depicted in the respective figures below.

Cancer of prostate (C61)

Number of cases	94
Percentage (%)	11.1
Crude incidence rate (CR)	7.1
Age-adjusted rate (AAR)	8.5
Truncated rate (TR)	6.1

Figure 7: Age-specific incidence rate of prostate cancer (SAS Nagar district): 2017-2018

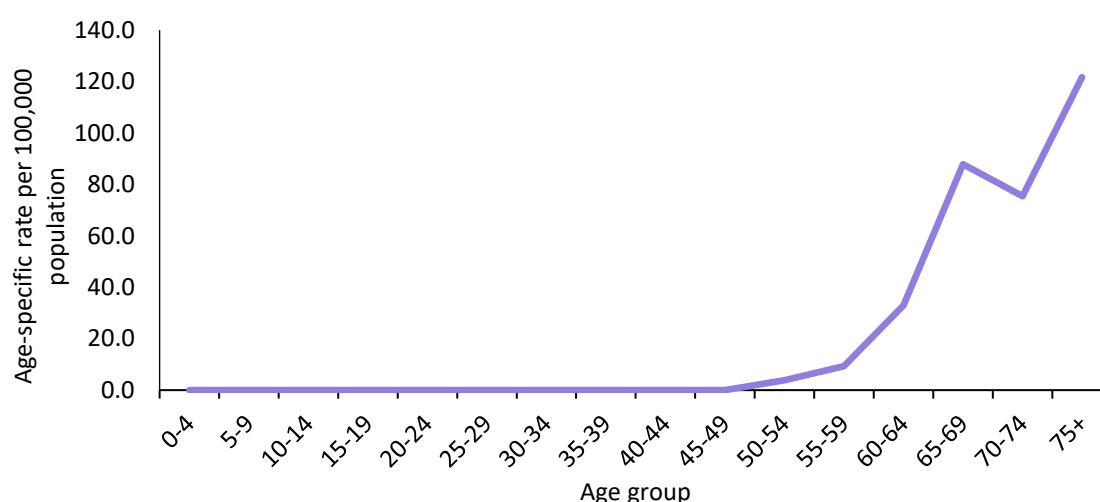
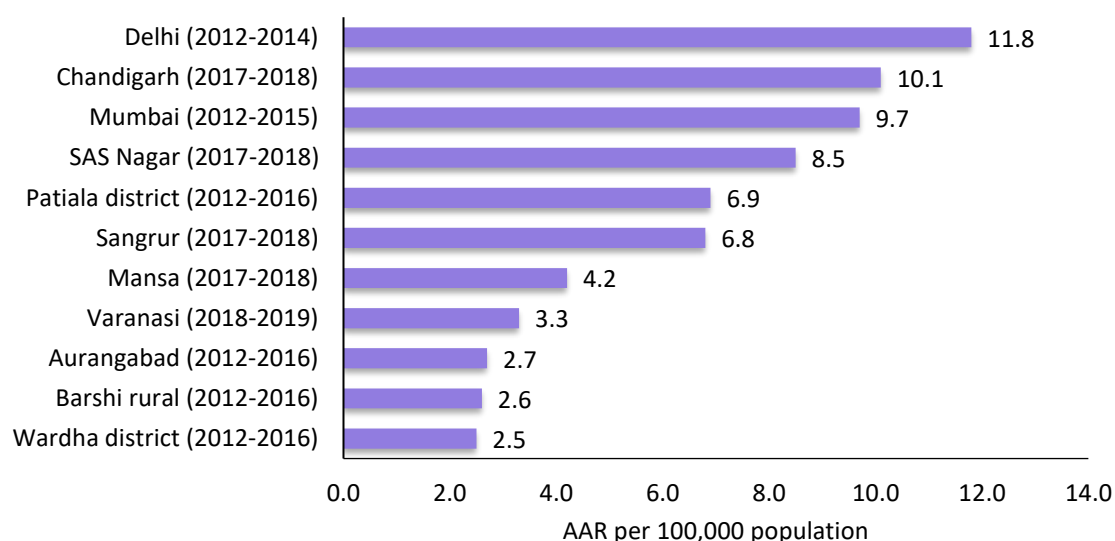


Figure 8: Comparison of prostate cancer incidence rate with other Indian registries



Cancer of oesophagus (C15)

	Male	Female
Number of cases	62	32
Percentage (%)	7.3	3.4
Crude incidence rate (CR)	4.7	2.7
Age-adjusted rate (AAR)	6.2	3.3
Truncated rate (TR)	14.0	7.5

Figure 9: Age-specific incidence rate of oesophagus cancer (SAS Nagar district): 2017-2018

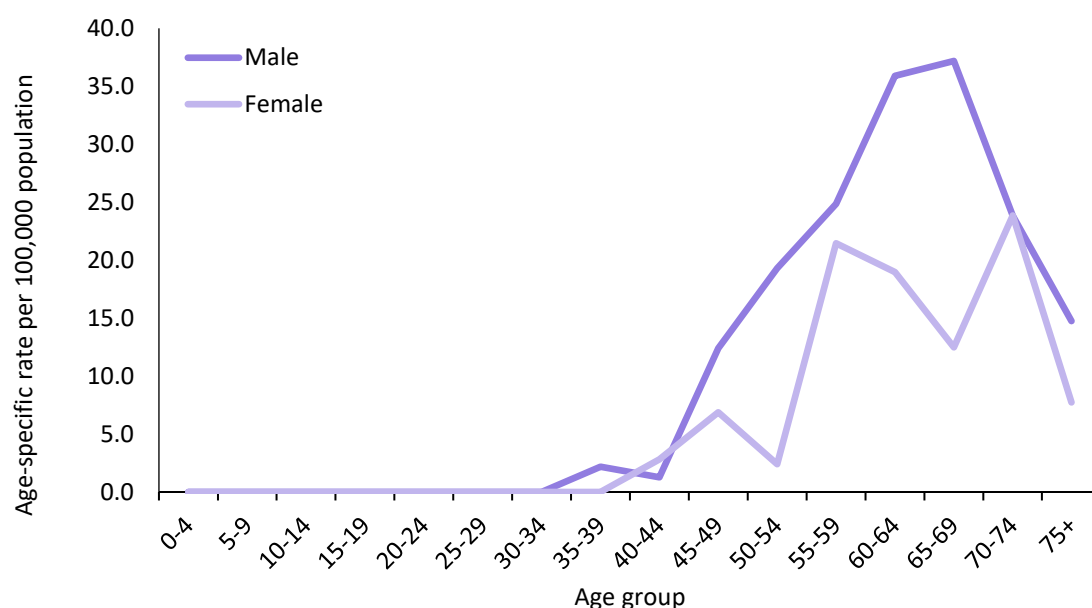
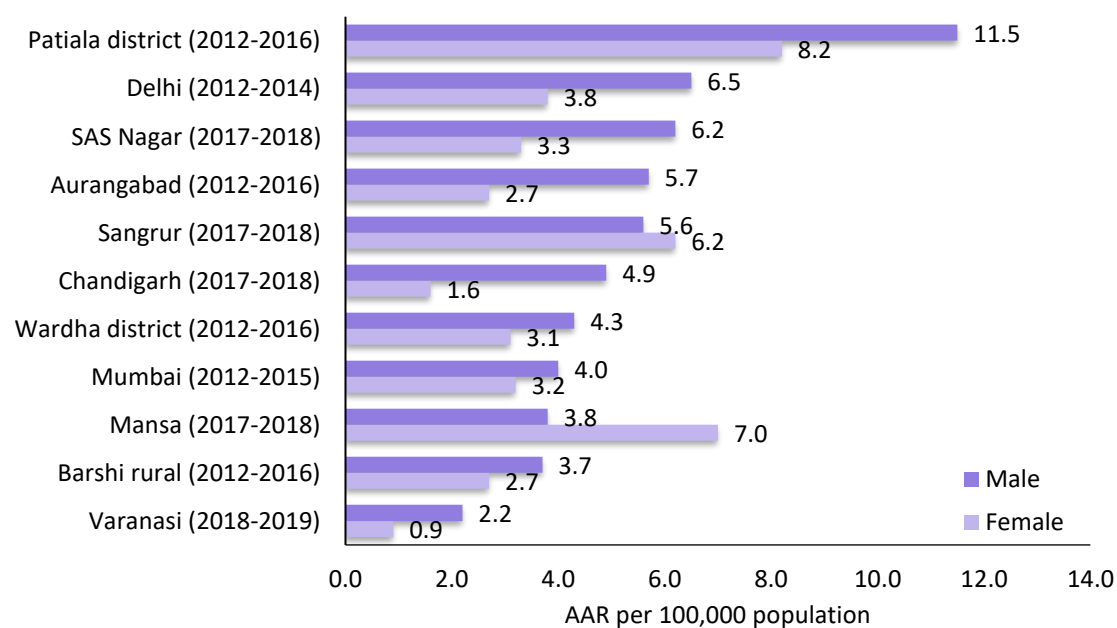


Figure 10: Comparison of oesophagus cancer incidence rate with other Indian registries



Cancer of trachea, bronchus and lung (C33-C34)

	Male	Female
Number of cases	63	21
Percentage (%)	7.5	2.3
Crude incidence rate (CR)	4.7	1.7
Age-adjusted rate (AAR)	6.2	2.0
Truncated rate (TR)	11.0	3.7

Figure 11: Age-specific incidence rate of lung cancer (SAS Nagar district): 2017-2018

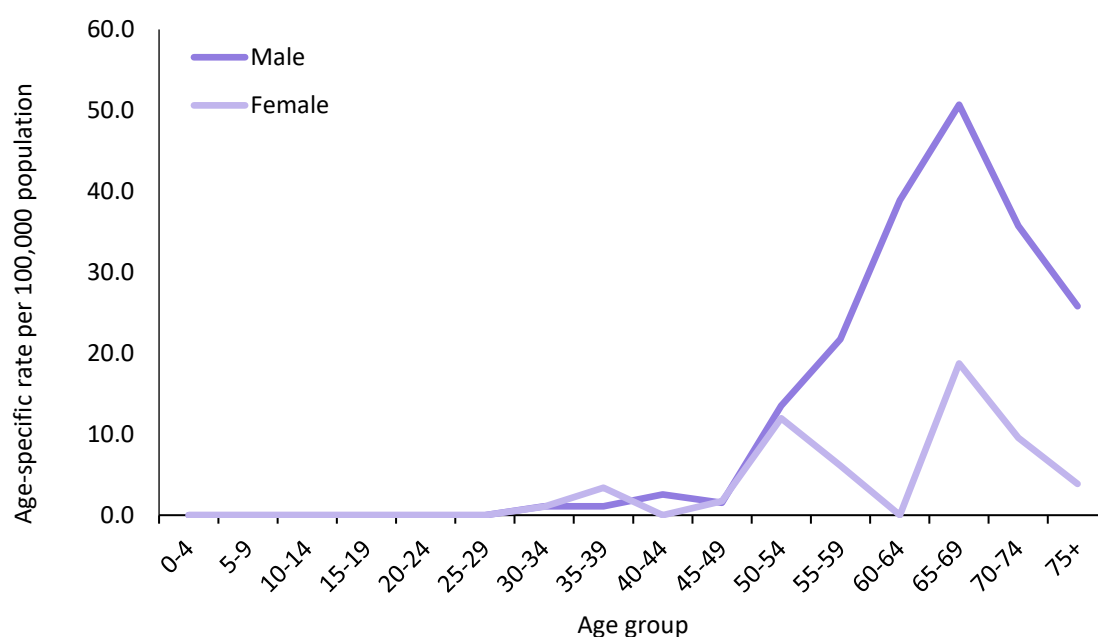
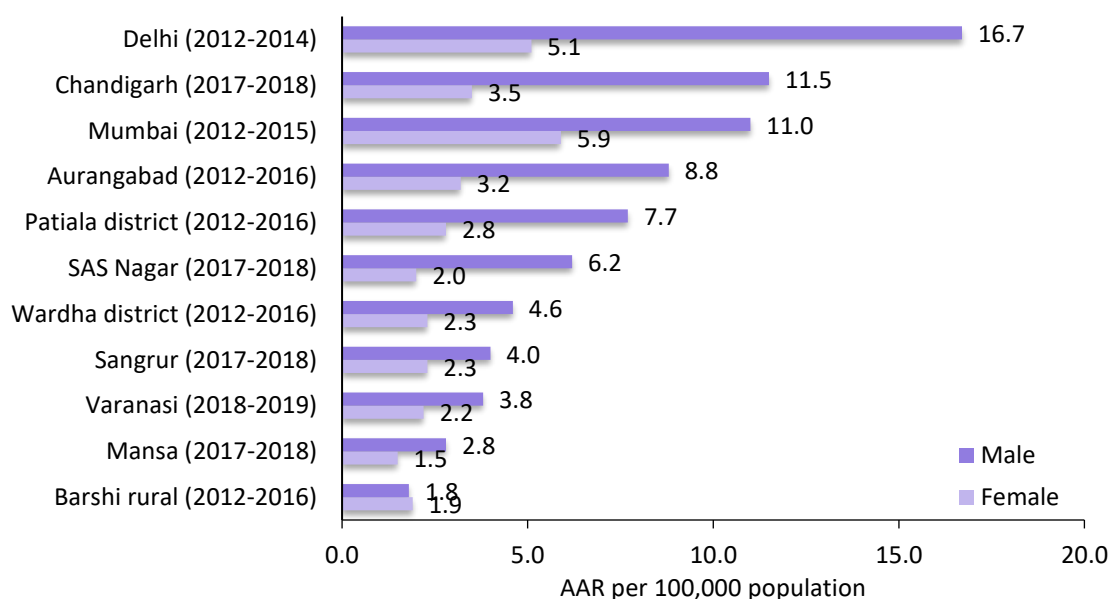


Figure 12: Comparison of lung cancer incidence rate with other Indian registries



Cancer of urinary bladder (C67)

	Male	Female
Number of cases	56	13
Percentage (%)	6.6	1.4
Crude incidence rate (CR)	4.2	1.1
Age-adjusted rate (AAR)	5.3	1.4
Truncated rate (TR)	9.4	3.4

Figure 13: Age-specific incidence rate of urinary bladder cancer (SAS Nagar district): 2017-2018

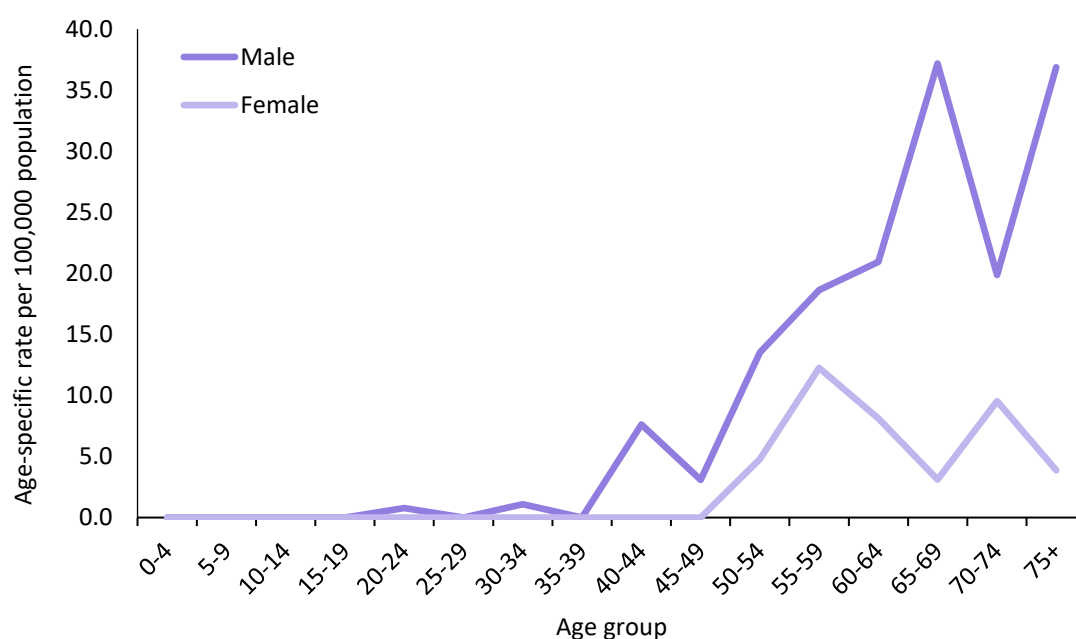
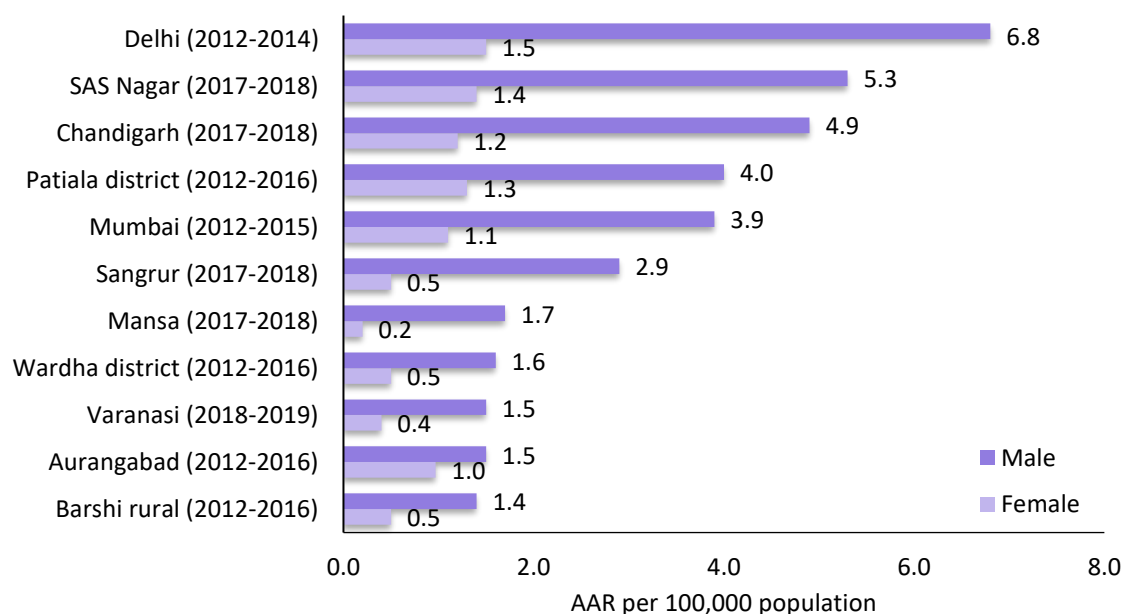


Figure 14: Comparison of urinary bladder cancer incidence rate with other Indian registries



Cancer of the Non-Hodgkin lymphoma (NHL) (C82-C85, C96)

	Male	Female
Number of cases	53	28
Percentage (%)	6.3	3.0
Crude incidence rate (CR)	4.0	2.3
Age-adjusted rate (AAR)	5.0	2.7
Truncated rate (TR)	10.8	4.4

Figure 15: Age-specific incidence rate of NHL cancer (SAS Nagar district): 2017-2018

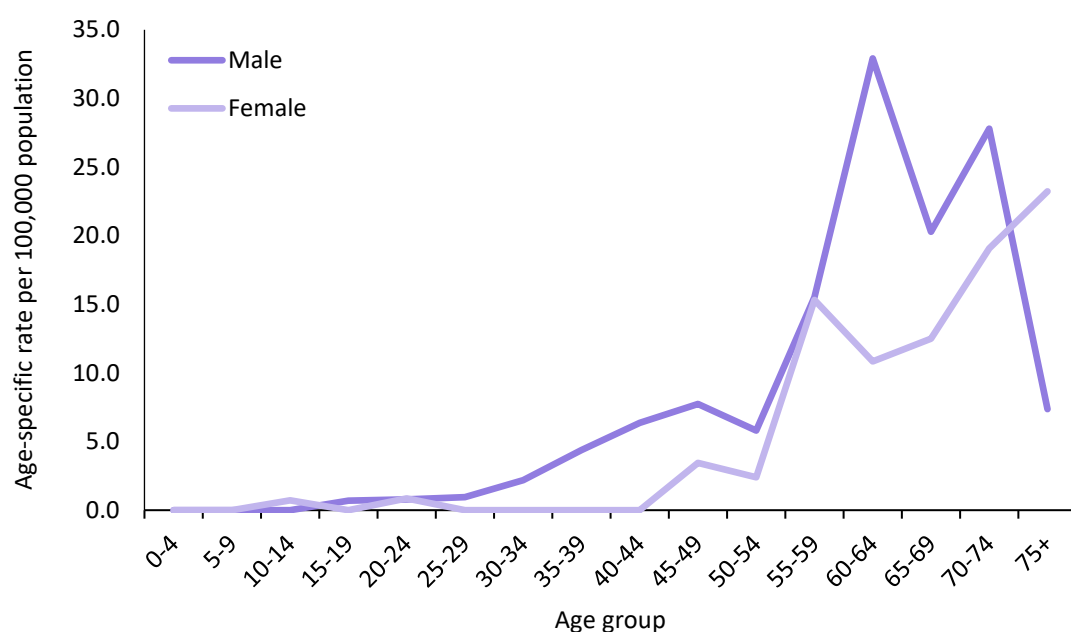
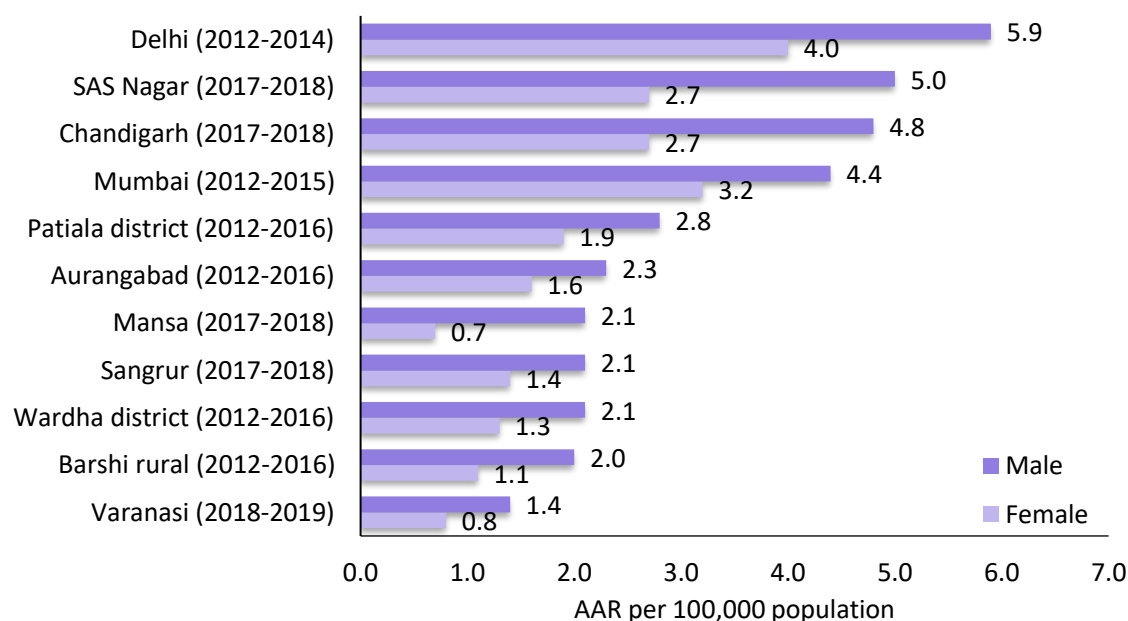


Figure 16: Comparison of NHL cancer incidence rate with other Indian registries



Cancer of breast (C50)

	Female
Number of cases	304
Percentage (%)	32.6
Crude incidence rate (CR)	25.2
Age-adjusted rate (AAR)	30.0
Truncated rate (TR)	75.3

Figure 17: Age-specific incidence rate of breast cancer (SAS Nagar district): 2017-2018

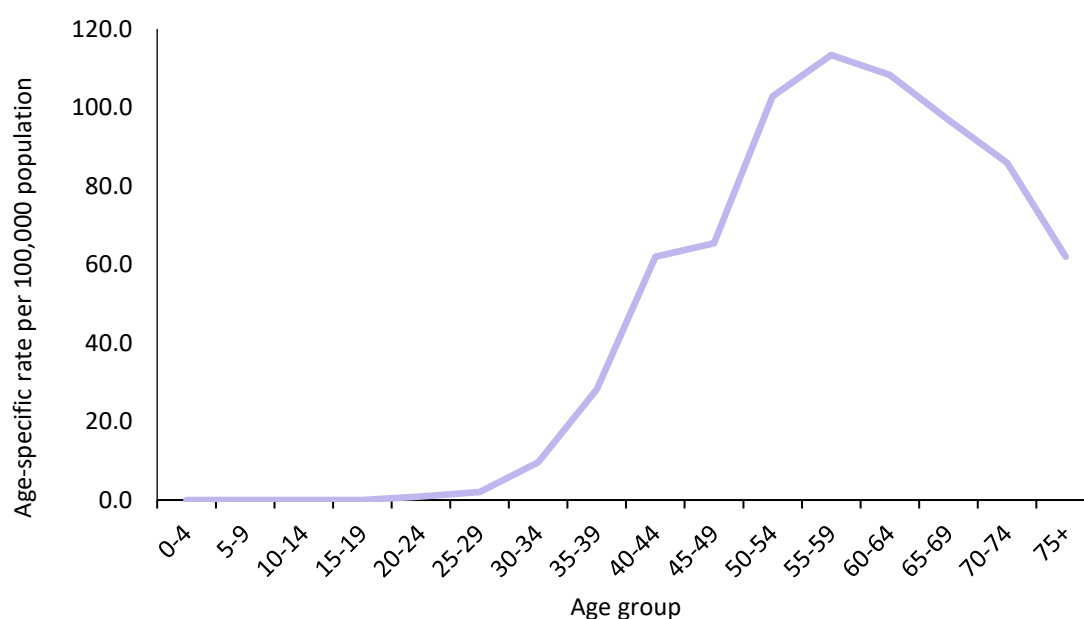
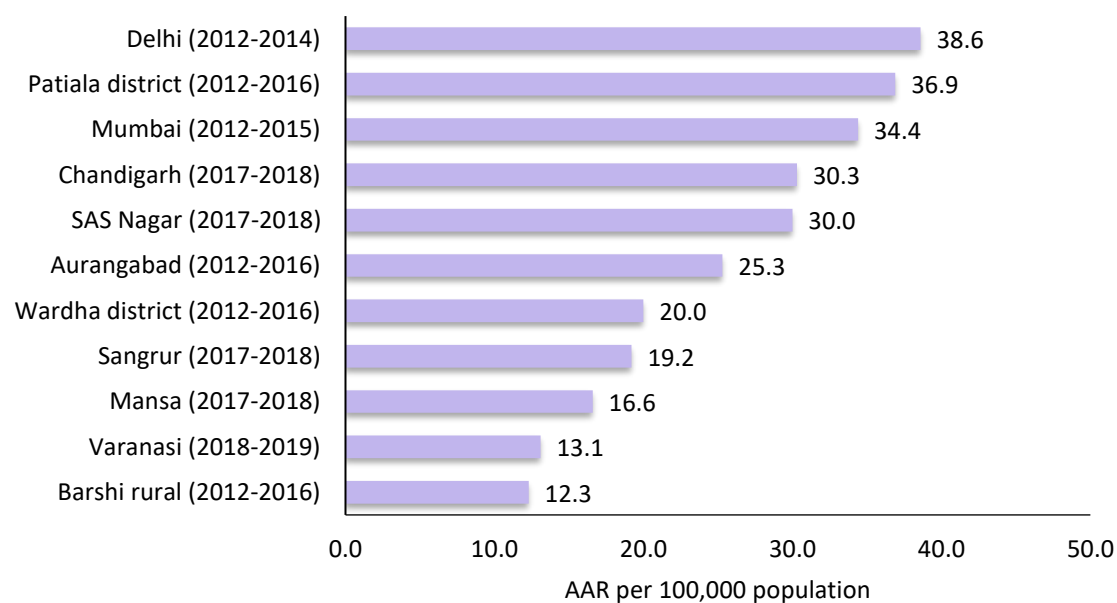


Figure 18: Comparison of breast cancer incidence rate with other Indian registries



Cancer of cervix uteri (C53)

Number of cases	83
Percentage (%)	8.9
Crude incidence rate (CR)	6.9
Age-adjusted rate (AAR)	8.4
Truncated rate (TR)	21.6

Figure 19: Age-specific incidence rate of cervix uteri cancer (SAS Nagar district): 2017-2018

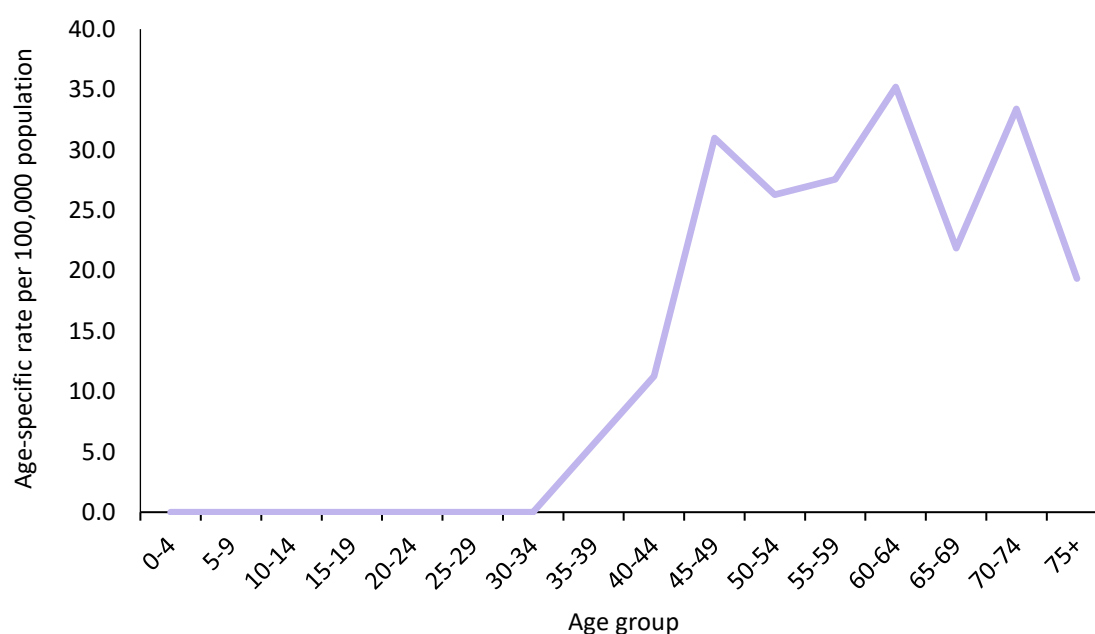
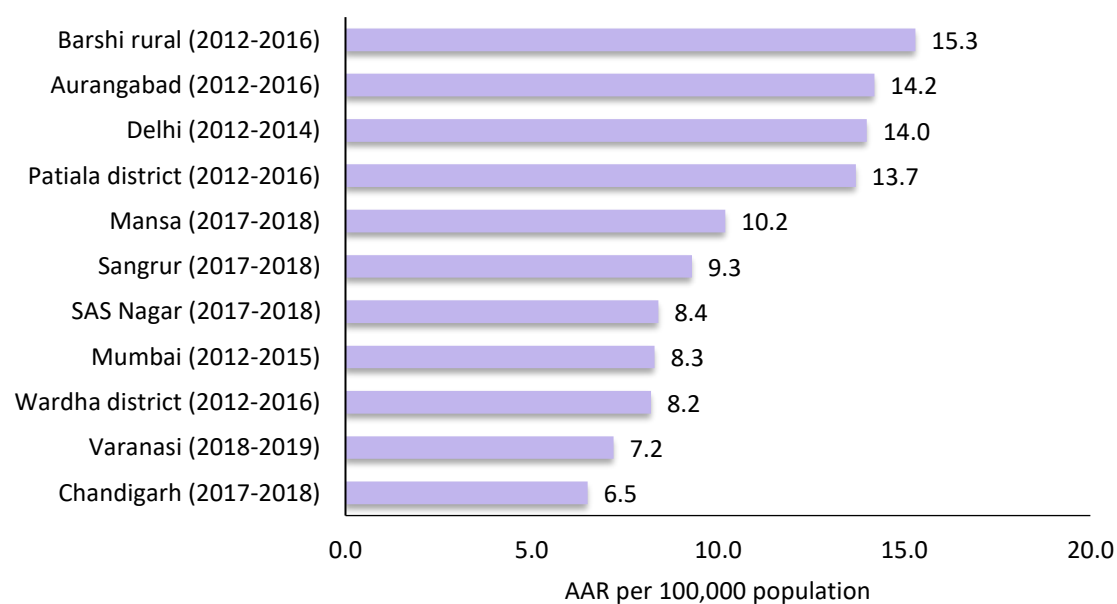


Figure 20: Comparison of cervix uteri cancer incidence rate with other Indian registries



Cancer of ovary (C56)

Number of cases	57
Percentage (%)	6.1
Crude incidence rate (CR)	4.7
Age-adjusted rate (AAR)	5.7
Truncated rate (TR)	12.8

Figure 21: Age-specific incidence rate of ovary cancer (SAS Nagar district): 2017-2018

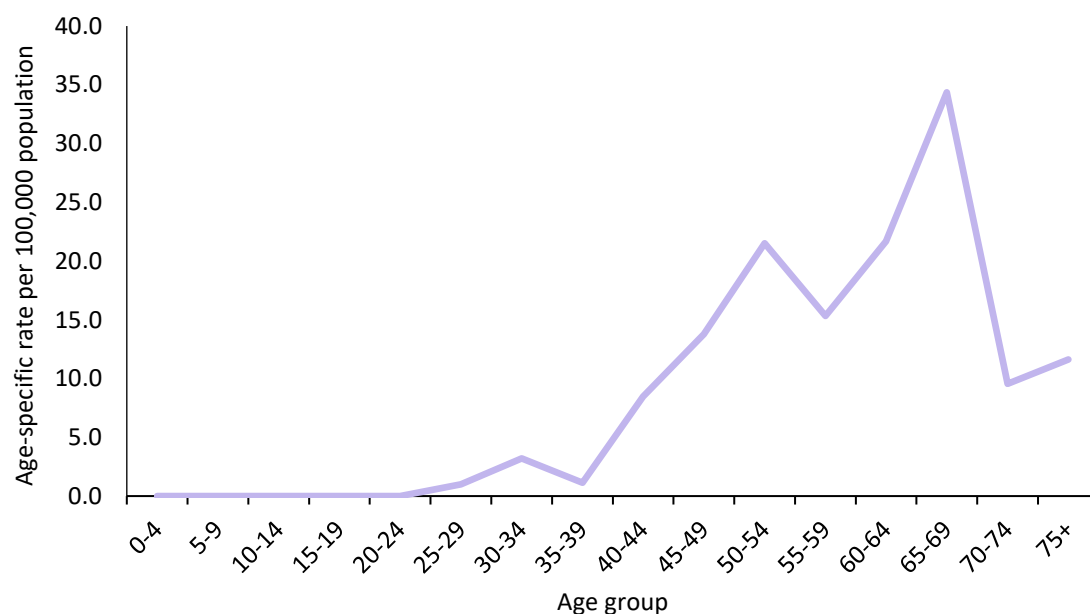
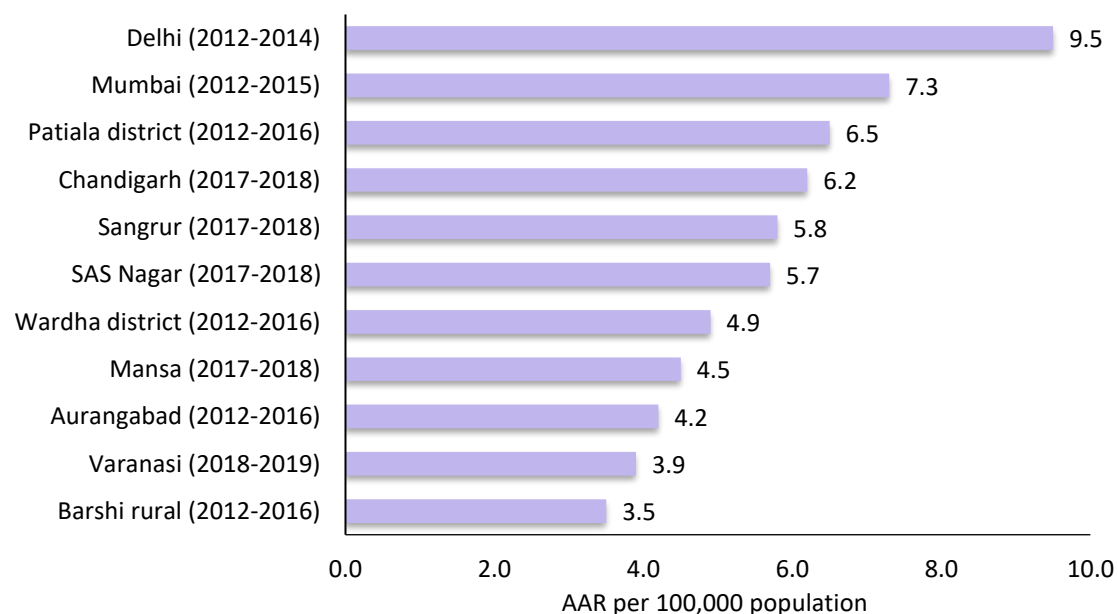


Figure 22: Comparison of ovary cancer incidence rate with other Indian registries



Cancer of corpus uteri (C54)

Number of cases	40
Percentage (%)	4.3
Crude incidence rate (CR)	3.3
Age-adjusted rate (AAR)	4.2
Truncated rate (TR)	10.1

Figure 23: Age-specific incidence rate of corpus uteri cancer (SAS Nagar district): 2017-2018

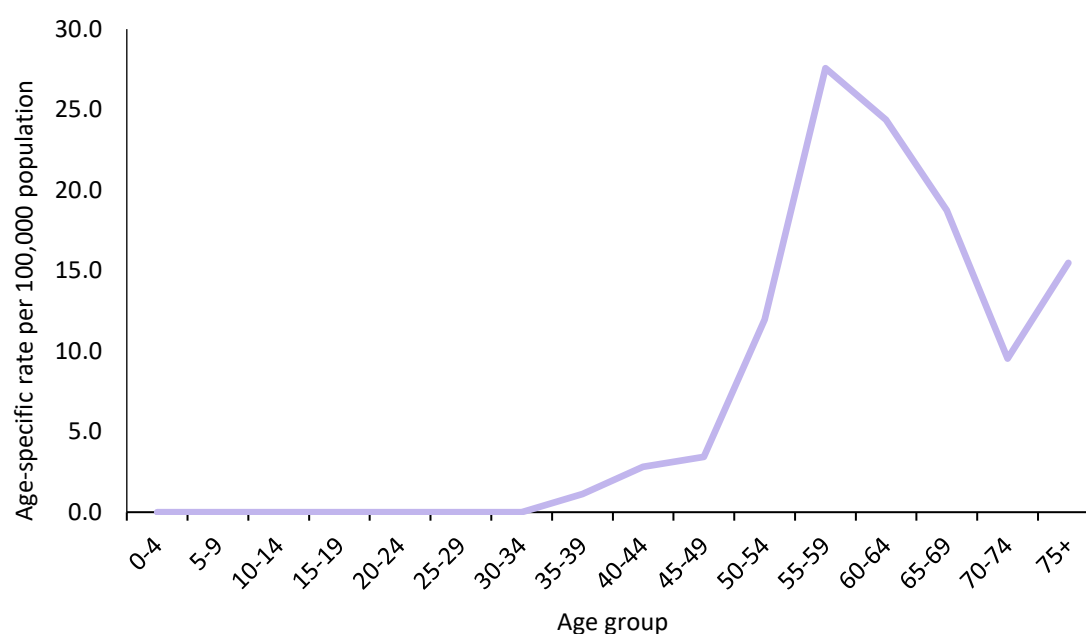
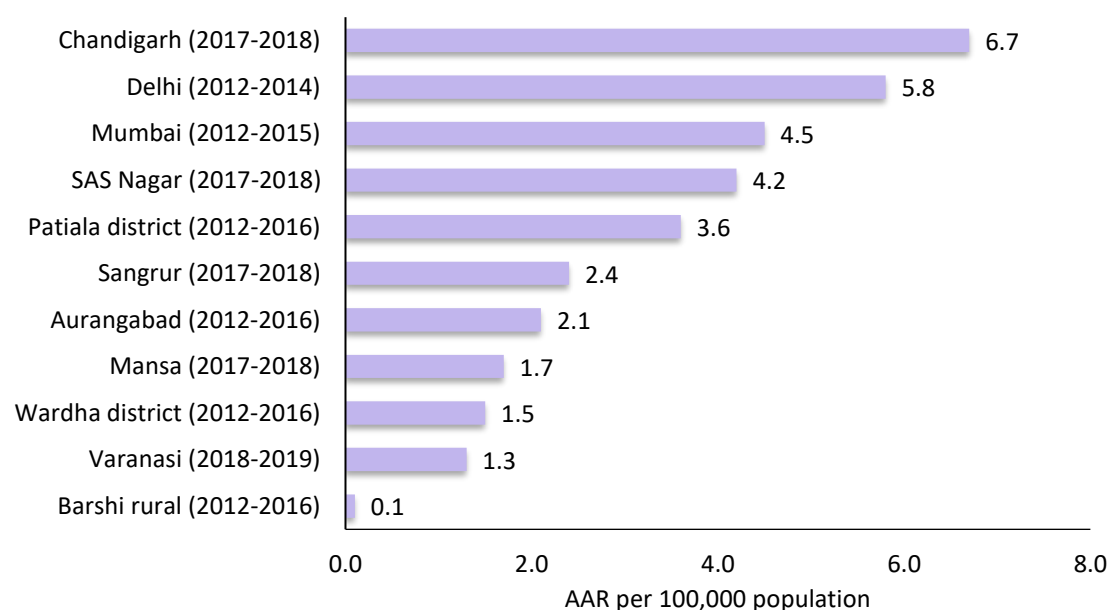


Figure 24: Comparison of corpus uteri cancer incidence rate with other Indian registries



Cancer of the gall bladder (C23-C24)

	Male	Female
Number of cases	22	40
Percentage (%)	2.6	4.3
Crude incidence rate (CR)	1.7	3.3
Age-adjusted rate (AAR)	2.0	4.0
Truncated rate (TR)	2.5	9.6

Figure 25: Age-specific incidence rate of gall bladder cancer (SAS Nagar district): 2017-2018

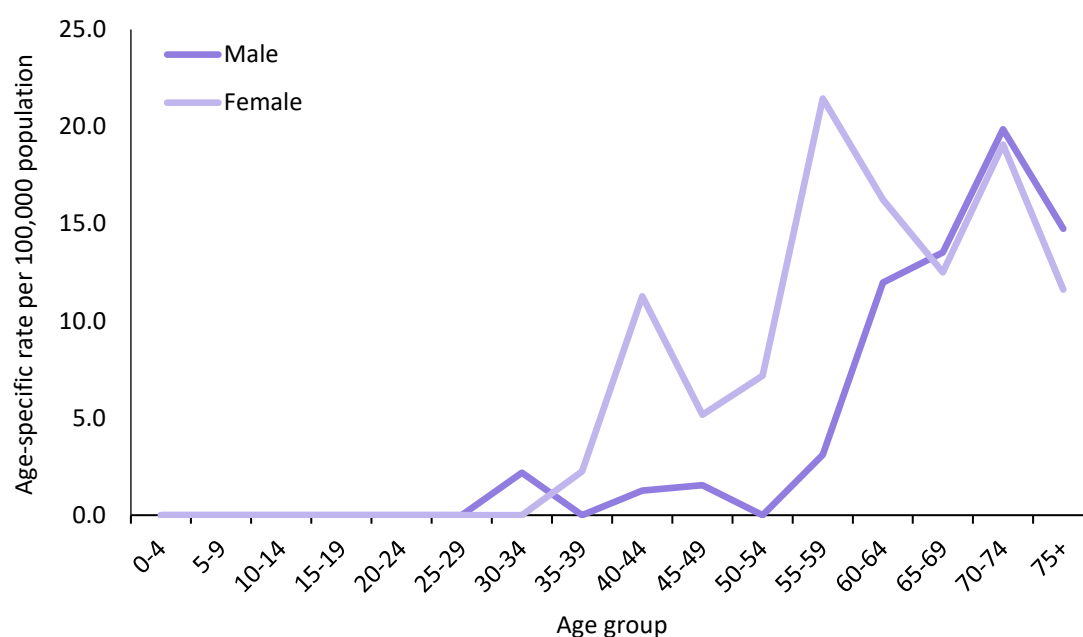


Figure 26: Comparison of gall bladder cancer incidence rate with other Indian registries

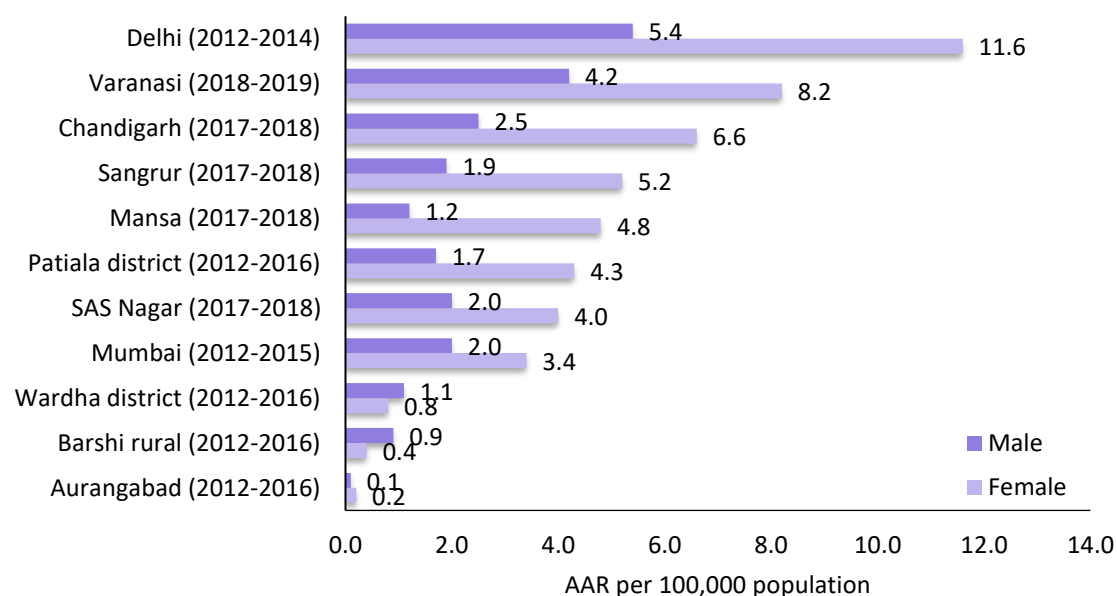


Figure 27: Age-specific incidence and mortality rate: Male all cancer sites (SAS Nagar district): 2017-2018

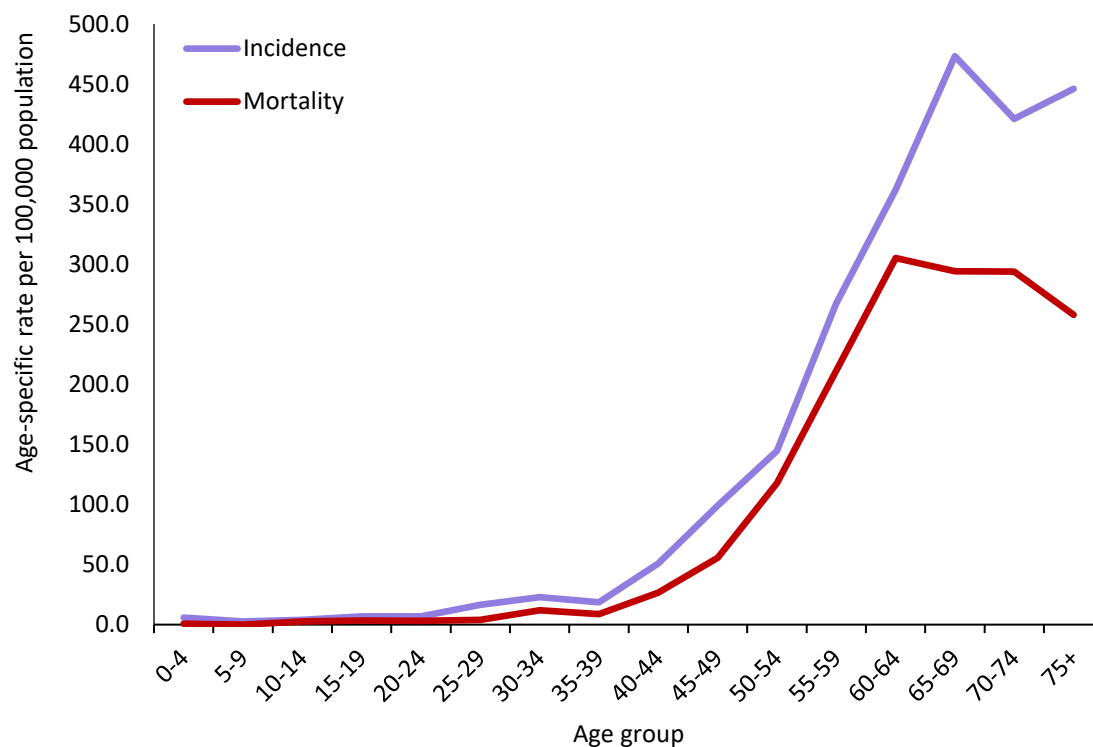
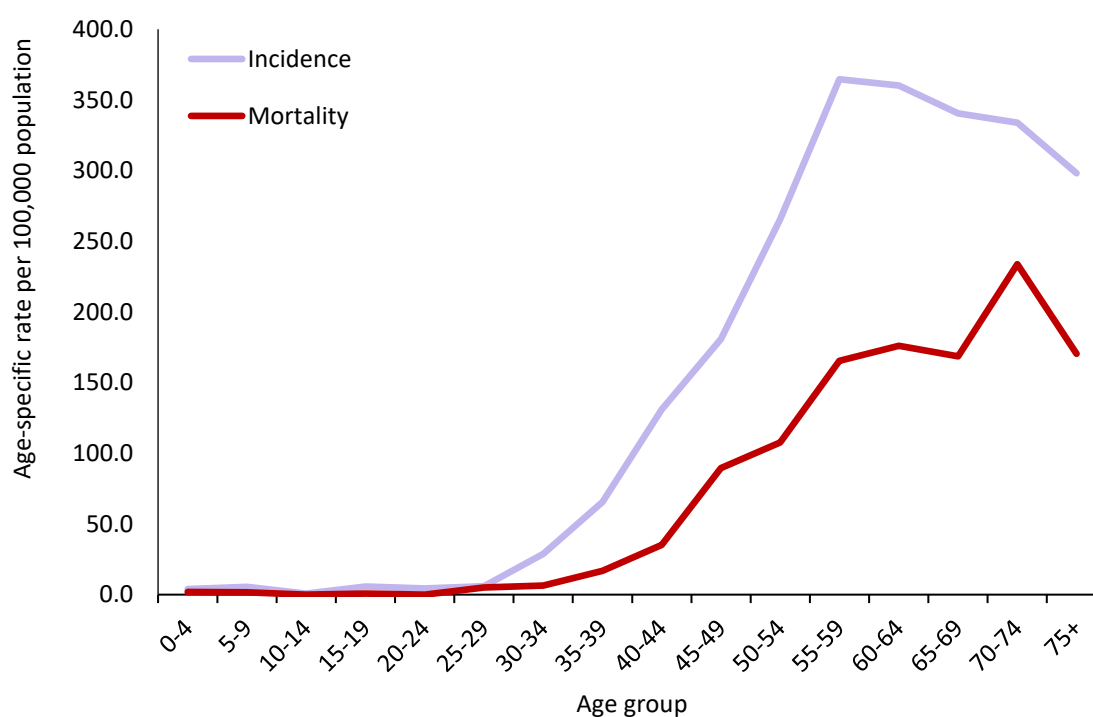


Figure 28: Age-specific incidence and mortality rate: Female all cancer sites(SAS Nagar district): 2017-2018



Other and unspecified sites

The other and unspecified cancer sites refer to the following cancer types:

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

In males, out of 844 cases, 45 cases are of other and unspecified sites. The predominant cases are C80 – primary unknown (3.6%), followed by C76 – other and ill-defined, secondary and unspecified sites (0.8%), and C48 – retro peritoneum and peritoneum (0.5%). In females, out of 932 cases, 32 cases are of other and unspecified sites. The predominant cases are C80 – primary unknown (1.7%), followed by C76 – other and ill-defined, secondary and unspecified sites (1.3%). The details are presented in table 12.

Due to improvement in the diagnostic and treatment facility, the percentage of the primary site unknown will be decreased.

Table 12: Other and unspecified cases by sex

ICD 10	Male		Female	
	Number	%	Number	%
C26	3	0.4	0	0.0
C48	4	0.5	3	0.3
C75	1	0.1	0	0.0
C76	7	0.8	12	1.3
C77	0	0.0	1	0.3
C78	0	0.0	0	0.0
C79	0	0.0	0	0.0
C80	30	3.6	16	1.7
Total	45/844	5.3/100.0	32/932	3.4/100

Cancer of the other and unspecified (C26, C39, C48, C75, C76, C77, C78, C79, C80, C97)

	Male	Female
Number of cases	45	32
Percentage (%)	5.3	3.4
Crude incidence rate (CR)	3.4	2.7
Age-adjusted rate (AAR)	4.1	3.2
Truncated rate (TR)	5.5	6.6

Figure 29: Age-specific incidence rate of other and unspecified cancer (SAS Nagar district): 2017-2018

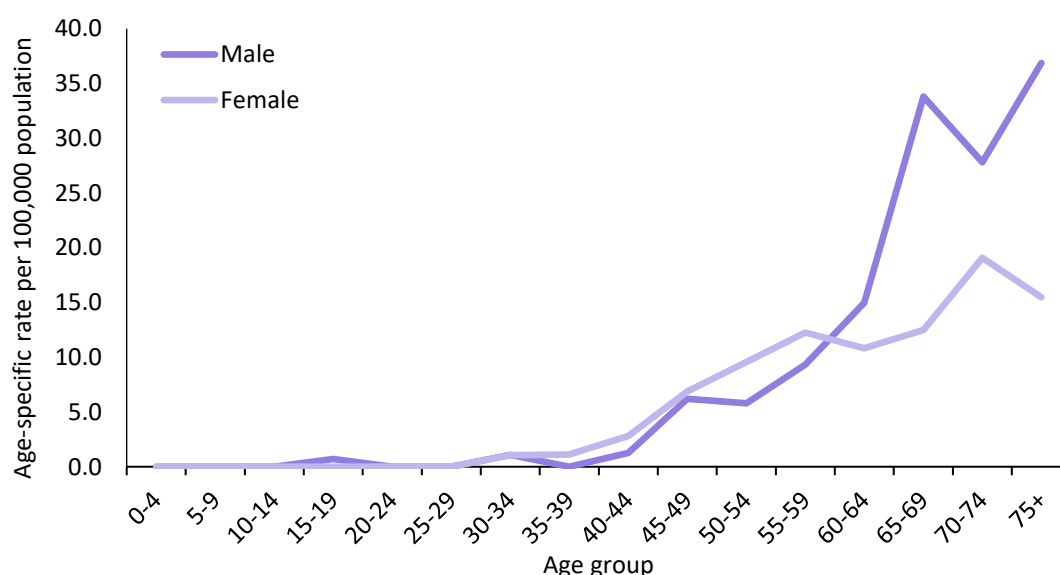
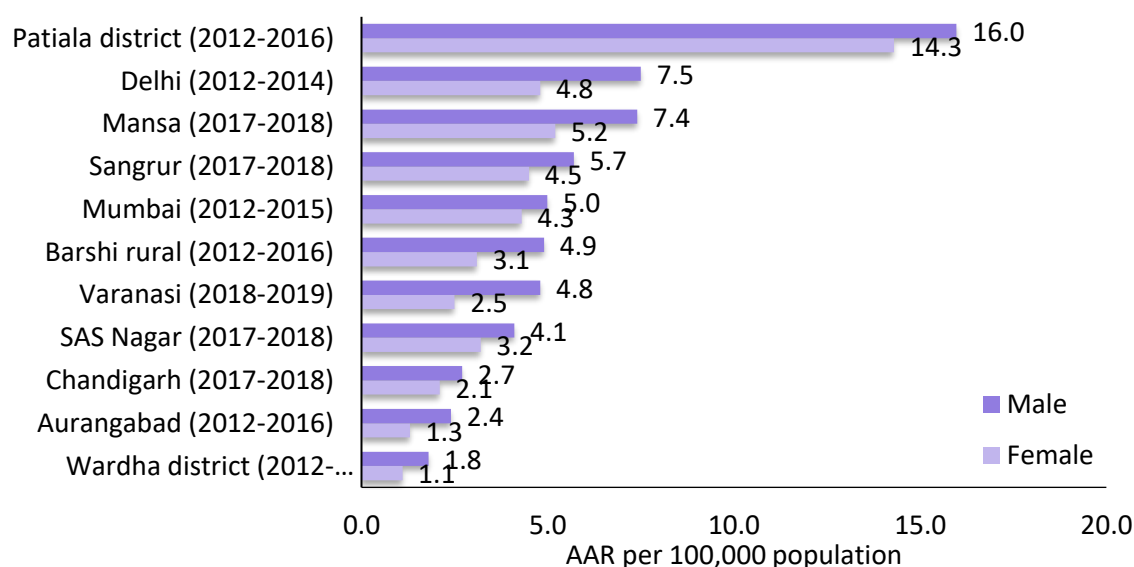


Figure 30: Comparison of other and unspecified cancer incidence rate with other Indian registries



11. Cancer pattern in paediatric age-group (0-14 years)

In the year 2017-2018, out of 1776 registered cancer cases 29 (1.6%) paediatric cases (0-14 age group) were registered. The age-adjusted incidence for boys is 42.1 per million and 35.3 per million for girls.

The leading cancer sites in boys are lymphoid leukaemia, connective and soft tissue, bone, leukaemia unspecified, and myeloid leukaemia. While in girls, lymphoid leukaemia, myeloid leukaemia, brain, connective and soft tissue, and kidney are the leading cancer sites. Leading cancer sites are mentioned below in figure 31 and 32.

Figure 31: Leading cancer sites in boys: 2017-2018

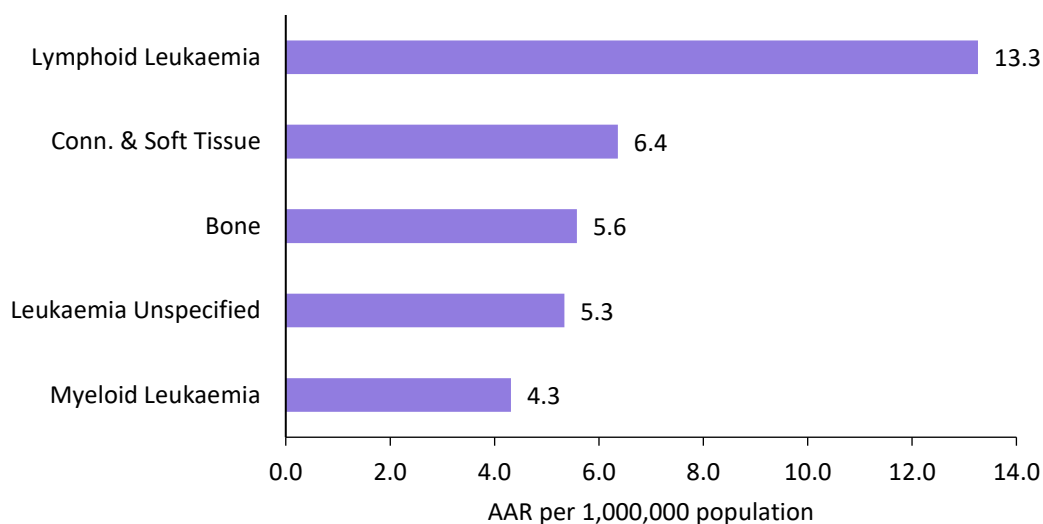
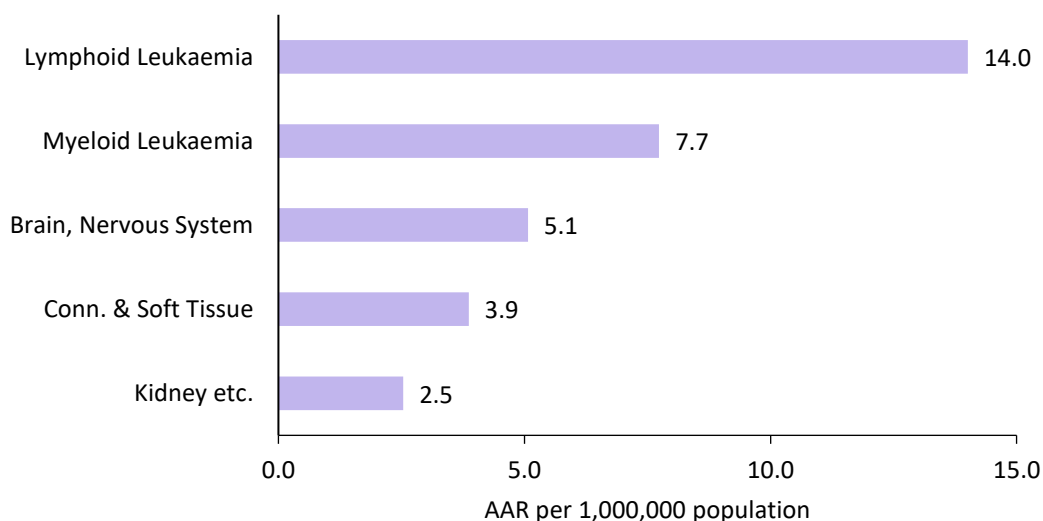


Figure 32: Leading cancer sites in girls: 2017-2018



International Classification of Childhood Cancer, 3rd edition (ICCC-3) has mentioned the separate coding to know the cancer burden in children according to appropriate diagnostic groups. ICC-3 having twelve main groups and further these are divided in to subgroups and division of selected subgroups. The age-adjusted incidence rate as per subgroups in boys and girls per million population is mentioned in Table 13. **The paediatric cancer burden as per ICC-3 standard is mentioned separately in Table 37 and 38.** ⁽¹⁴⁾

Proportion of paediatric cancer cases as per 12 main diagnostic group as per ICC-3 standard is presented in figure 33.

Figure 33: Proportion of paediatric cancer cases by age-group: Both sex (SAS Nagar)

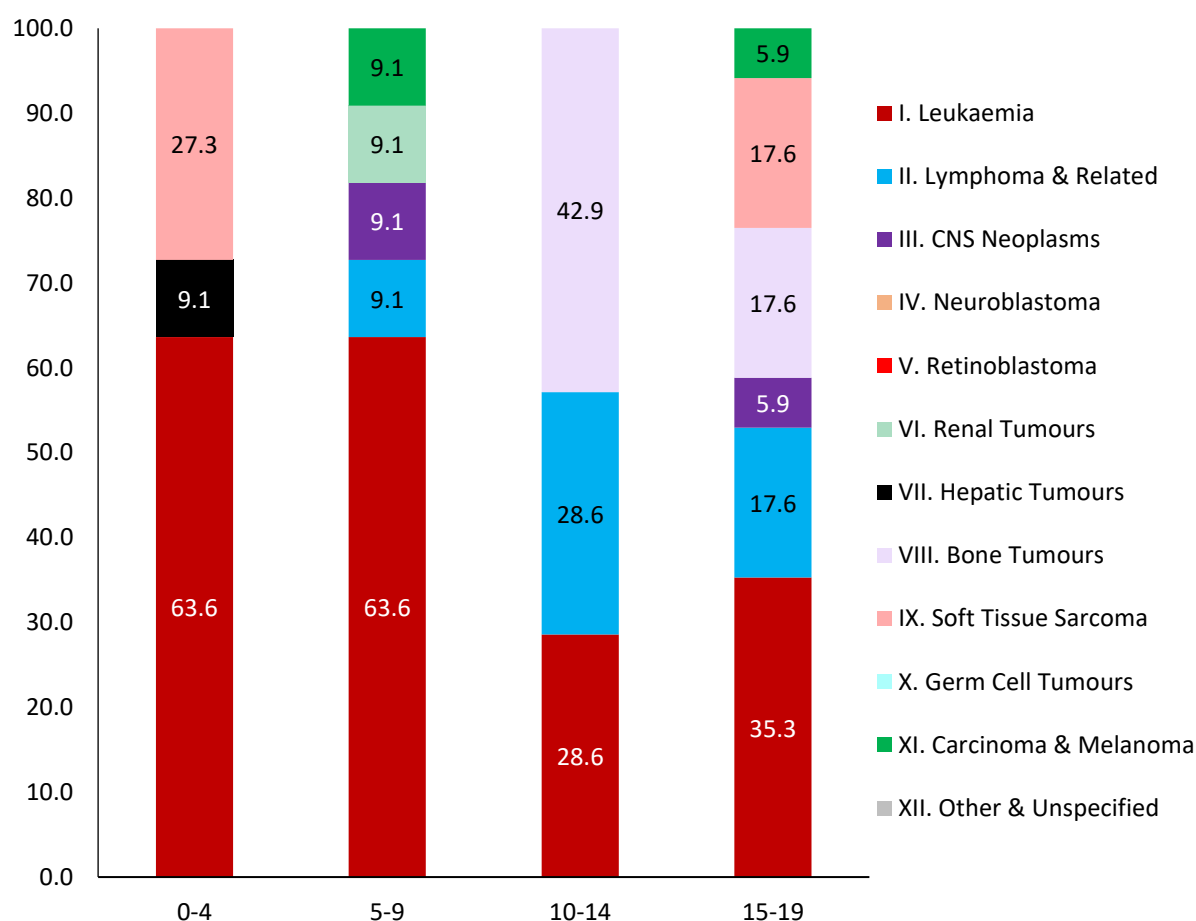


Table 13: Cancer cases distribution as per the International Classification of Childhood Cancer (ICCC) code: 2017-2018

ICCC Code	Site	Boys			Girls		
		Number	%	AAR*	Number	%	AAR*
1a	Lymphoid leukemias	5	29.4	13.3	5	41.7	14.0
1b	Acute myeloid leukemias	1	5.9	2.2	2	16.7	7.7
1c	Chronic myeloproliferative diseases	1	5.9	2.2	0	0.0	0.0
1e	Unspecified and other specified leukemias	2	11.8	5.3	0	0.0	0.0
2a	Hodgkin lymphomas	2	11.8	4.0	0	0.0	0.0
2c	Burkitt lymphoma	0	0.0	0.0	1	8.3	2.1
3c	Intracranial and intraspinal embryonal tumors	0	0.0	0.0	1	8.3	2.5
6a	Nephroblastoma and other nonepithelial renal tumors	0	0.0	0.0	1	8.3	2.5
7c	Unspecified malignant hepatic tumors	1	5.9	3.2	0	0.0	0.0
8a	Osteosarcomas	1	5.9	1.9	0	0.0	0.0
8c	Ewing tumor and related sarcomas of bone	2	11.8	3.7	0	0.0	0.0
9a	Rhabdomyosarcomas	1	5.9	3.2	1	8.3	3.9
9d	Other specified soft tissue sarcomas	1	5.9	3.2	0	0.0	0.0
11f	Other and unspecified carcinomas	0	0.0	0.0	1	8.3	2.5
Total		17	100	42.1	12	100	35.3

* AAR per 1,000,000 population

12. Tobacco-related cancer

The use of tobacco has severe effect on health. Tobacco is one of the major cause of non-communicable diseases. The anatomical sites are included to calculate the tobacco-related cancer burden based on the guidelines of International Agency for Research on Cancer (IARC), WHO, Lyon, France.¹⁵ Lip (C00), tongue (C01-C02), mouth (C03-C06), pharynx (C10, C12-C14), oesophagus (C15), larynx (C32), lung (C33-C34) and urinary bladder (C67) are associated with the use to tobacco.

As per the SAS Nagar registry data the tobacco-related cancer burden is 30.3% in male while it is 10.9% in female. The leading site under tobacco-related cancer are esophagus, lung, bladder, mouth, and tongue in males; and in females, esophagus, lung, tongue, bladder, and mouth.

In the male out of 312; 45 (14.4%) farmer, 40 (12.8%) unskilled worker, 35 (11.2%)semi-skilled worker and 32 (10.3%) are government employees. In the female out of 110; 97 (88.2%) are housewife. If we consider the educational level in this population 32.1% males had secondary (8-10 std) education while in female 34.5% are illiterate .

Table 14: Tobacco-related cancer in male: 2017-2018

ICD10	Site	Number	%	CR	AAR	TR
C00	Lip	2	0.2	0.2	0.2	0.2
C01-C02	Tongue	37	4.4	2.8	3.4	5.8
C03-C06	Mouth	43	5.1	3.2	4.0	9.4
C10	Other Oropharynx	7	0.8	0.5	0.8	1.9
C12-C13	Hypopharynx	14	1.7	1.1	1.3	2.5
C14	Pharynx Unspecified	5	0.6	0.4	0.5	1.1
C15	Oesophagus	62	7.3	4.7	6.2	14.0
C32	Larynx	23	2.7	1.7	2.4	5.5
C33-C34	Trachea, bronchus and lung	63	7.5	4.7	6.2	11.0
C67	Urinary Bladder	56	6.6	4.2	5.3	9.4
C00-C06, C10, C12-C15, C32-C34 & C67	Tobacco-related cancer	312	37.0	23.5	30.3	60.7

Table 15: Tobacco-related cancer in female: 2017-2018

ICD10	Site	Number	%	CR	AAR	TR
C00	Lip	0	0.0	0.0	0.0	0.0
C01-C02	Tongue	18	1.9	1.5	1.7	3.8
C03-C06	Mouth	13	1.4	1.1	1.1	1.7
C10	Other Oropharynx	4	0.4	0.3	0.4	0.0
C12-C13	Hypopharynx	3	0.3	0.2	0.3	0.8
C14	Pharynx Unspecified	1	0.1	0.1	0.1	0.4
C15	Oesophagus	32	3.4	2.7	3.3	7.5
C32	Larynx	5	0.5	0.4	0.5	1.6
C33-C34	Trachea, bronchus and lung	21	2.3	1.7	2.0	3.7
C67	Urinary Bladder	13	1.4	1.1	1.4	3.4
C00-C06, C10, C12-C15, C32-C34 & C67	Tobacco-related cancer	110	11.8	9.1	10.9	22.8

Table 16: Occupation in tobacco-related cancer cases

Occupation	Male		Female		Total	
	Number	%	Number	%	Number	%
Professional	2	0.6	1	0.9	3	0.7
Semi-Professional	6	1.9	0	0.0	6	1.4
Clerical/Shop owner	23	7.4	0	0.0	23	5.5
Farmer	45	14.4	1	0.9	46	10.9
Skilled Worker	30	9.6	0	0.0	30	7.1
Semi-Skilled Worker	35	11.2	2	1.8	37	8.8
Unskilled Worker	40	12.8	1	0.9	41	9.7
Unemployed	4	1.3	1	0.9	5	1.2
Housewife	0	0.0	97	88.2	97	23.0
Government Employee	32	10.3	1	0.9	33	7.8
Private Employee	23	7.4	1	0.9	24	5.7
Other	72	23.1	4	3.6	76	18.0
Unknown / No Information	0	0.0	1	0.9	1	0.2
Total	312	100.0	110	100.0	422	100.0

Table 17: Educational characteristics in tobacco-related cancer cases

Education	Male		Female		Total	
	Number	%	Number	%	Number	%
Illiterate	37	11.9	38	34.5	75	17.8
Literate	12	3.8	8	7.3	20	4.7
Primary (1-7 std)	74	23.7	27	24.5	101	23.9
Secondary (8-10 std)	100	32.1	18	16.4	118	28.0
Technical after 10 th	18	5.8	3	2.7	21	5.0
College	40	12.8	10	9.1	50	11.8
Post graduate	16	5.1	4	3.6	20	4.7
Other	9	2.9	1	0.9	10	2.4
Unknown/ No information	6	1.9	1	0.9	7	1.7
Total	312	100.0	110	100.0	422	100.0

Table 18: Religion in tobacco-related cancer cases

Religion	Male		Female		Total	
	Number	%	Number	%	Number	%
Hindu	182	58.3	46	41.8	228	54.0
Muslim	12	3.8	1	0.9	13	3.1
Sikh	118	37.8	63	57.3	181	42.9
Total	312	100.0	110	100.0	422	100.0

13. Cancer burden as per anatomical system

In males, the majority of cancer cases involved the site digestive organ (23.7%) followed by head and neck cancer (19.3%), lymphoid and haematopoietic tissue (16.0%) and male genital organ (12.6%) with AAR 19.3, 15.5, 12.2, and 9.6 per 100,000 population respectively. In digestive organ, oesophagus and liver are the predominant cancer while in Head and Neck cancer, the predominant cancer are mouth and tongue. Among lymphoid and haematopoietic tissue, NHL and lymphoid leukaemia are the predominant cancer. The prostate cancer is the predominant cancer in the male genital organ.

In females, the majority of cancer cases involved the sites from female genital organ (21.2%) followed by digestive organ (15.8%) and lymphoid and haematopoietic tissue (9.3%) with AAR 20.1, 14.7, and 8.4 per 100,000 population respectively. In female genital organ, cervix uteri and ovary are the predominant cancer while in digestive organ, gall bladder and oesophagus are the predominant cancer. Among lymphoid and haematopoietic tissue NHL and lymphoid leukaemia are the predominant cancer. The details are presented in Figure 34, table 19 and 20.

Figure 34: Cancer rates by different anatomical sites in SAS Nagar district: 2017-2018

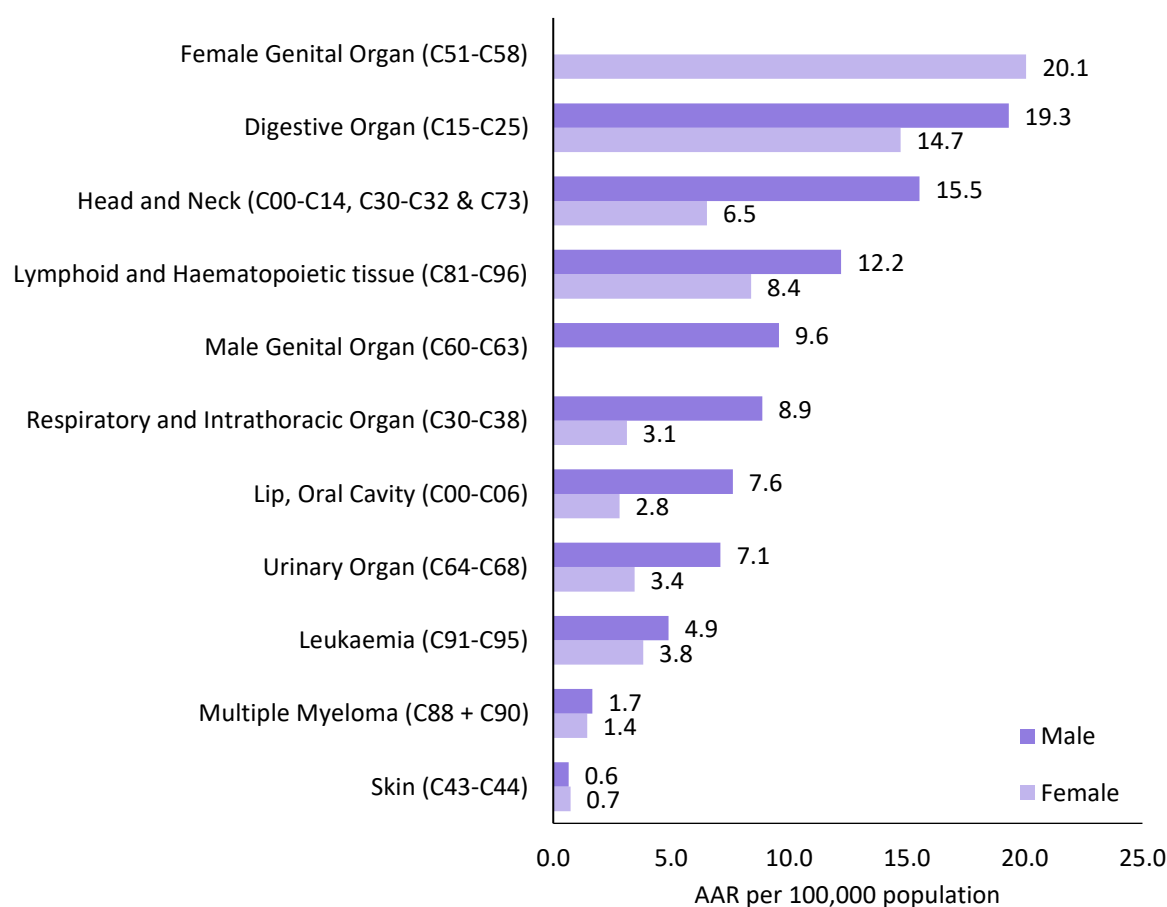


Table 19: Cancer burden as per the various anatomical system in male: 2017-2018

ICD10	Site	Number	%	CR	AAR	TR
C15-C25	Digestive Organ	200	23.7	15.1	19.3	36.7
C00-C14, C30-C32 & C73	Head and Neck	163	19.3	12.3	15.5	32.7
C81-C96	Lymphoid and Haematopoietic tissue	135	16.0	10.2	12.2	20.8
C60-C63	Male Genital Organ	106	12.6	8.0	9.6	8.7
C30-C38	Respiratory and Intrathoracic Organ	89	10.5	6.7	8.9	16.5
C00-C06	Lip, Oral Cavity	82	9.7	6.2	7.6	15.4
C64-C68	Urinary Organ	76	9.0	5.7	7.1	12.5
C91-C95	Leukaemia	57	6.8	4.3	4.9	5.2
C88 + C90	Multiple Myeloma	17	2.0	1.3	1.7	3.5
C43-C44	Skin	8	0.9	0.6	0.6	0.6

Table 20: Cancer burden as per the various anatomical system in female: 2017-2018

ICD10	Site	Number	%	CR	AAR	TR
C51-C58	Female Genital Organ	198	21.2	16.4	20.1	48.3
C15-C25	Digestive Organ	147	15.8	12.2	14.7	32.7
C81-C96	Lymphoid and Haematopoietic tissue	87	9.3	7.2	8.4	15.6
C00-C14, C30-C32 & C73	Head and Neck	70	7.5	5.8	6.5	13.8
C91-C95	Leukaemia	40	4.3	3.3	3.8	7.1
C64-C68	Urinary Organ	34	3.6	2.8	3.4	7.8
C30-C38	Respiratory and Intrathoracic Organ	32	3.4	2.7	3.1	6.3
C00-C06	Lip, Oral Cavity	31	3.3	2.6	2.8	5.5
C88 + C90	Multiple Myeloma	14	1.5	1.2	1.4	3.2
C43-C44	Skin	8	0.9	0.7	0.7	0.9

14. Socio-demographic information

The SAS Nagar district cancer registry staff interacted with cancer patients or their relatives and gathered socio-demographic information. Based on the information collected, in the SAS Nagar district, cancer cases were highest among the Sikh community (50.6%). Moreover, cancer cases were more among secondary (8-10 std) [n= 454, (25.6%)] and primary (1-7 std) [n= 362, (20.4%)] educational population. Furthermore, in terms of occupation, cancer cases were more commonly found among housewives.

The number of cancer cases was more among the population with income less than Rs. 30,000/- per month. The details of the same are presented in table 21 to 24.

Table 21: Cancer cases by education and sex

Education	Male		Female		Total	
	Number	%	Number	%	Number	%
Illiterate	68	8.1	185	19.8	253	14.2
Literate	24	2.8	35	3.8	59	3.3
Primary (1-7)	160	19.0	202	21.7	362	20.4
Secondary (8-10)	253	30.0	201	21.6	454	25.6
Technical (after 10)	47	5.6	49	5.3	96	5.4
College	170	20.1	139	14.9	309	17.4
Post graduate	61	7.2	69	7.4	130	7.3
Other	38	4.5	38	4.1	76	4.3
Not applicable for children	8	0.9	5	0.5	13	0.7
Unknown / No Information	15	1.8	9	1.0	24	1.4
Total	844	100.0	932	100.0	1776	100.0

Table 22: Cancer cases by religion and sex

Religion	Male		Female		Total	
	Number	%	Number	%	Number	%
Hindu	399	47.3	440	47.2	839	47.2
Muslim	18	2.1	13	1.4	31	1.7
Christian	0	0.0	3	0.3	3	0.2
Sikh	424	50.2	474	50.9	898	50.6
Buddhist	3	0.4	2	0.2	5	0.3
Total	844	100.0	932	100.0	1776	100.0

Table 23: Cancer cases by income and sex

Income	Male		Female		Total	
	Number	%	Number	%	Number	%
>=30375	97	11.5	60	6.4	157	8.8
15188-30374	296	35.1	232	24.9	528	29.7
11362-15187	299	35.4	426	45.7	725	40.8
7594-11361	113	13.4	181	19.4	294	16.6
4556-7593	26	3.1	22	2.4	48	2.7
1521-4555	7	0.8	7	0.8	14	0.8
<=1520	0	0.0	1	0.1	1	0.1
Unknown / No Information	6	0.7	3	0.3	9	0.5
Total	844	100.0	932	100.0	1776	100.0

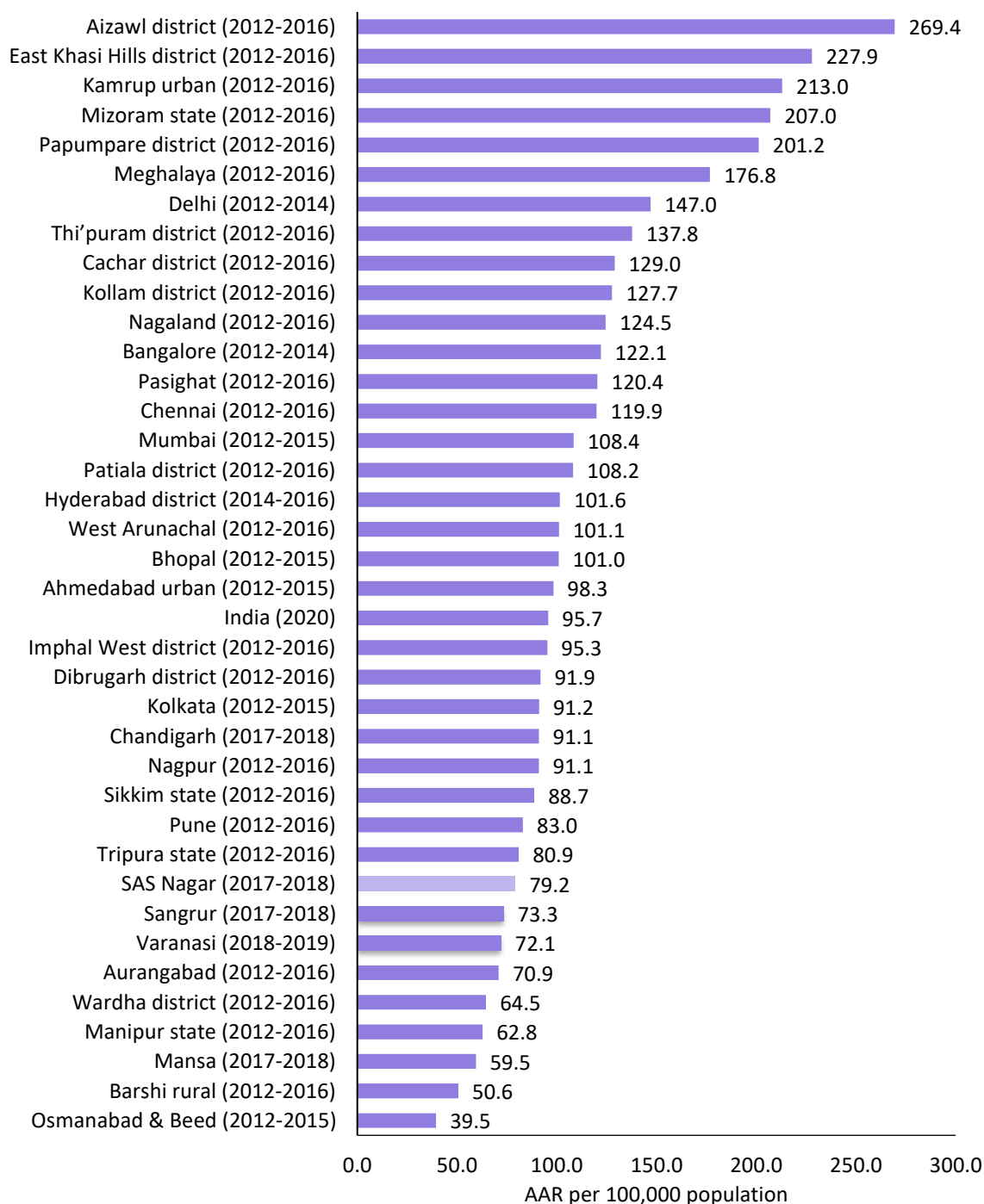
Table 24: Cancer cases by occupation and sex

Occupation	Male		Female		Total	
	Number	%	Number	%	Number	%
Professional	18	2.1	8	0.9	26	1.5
Semi-Professional	23	2.7	4	0.4	27	1.5
Clerical/Shop owner	50	5.9	2	0.2	52	2.9
Farmer	113	13.4	2	0.2	115	6.5
Skilled Worker	67	7.9	8	0.9	75	4.2
Semi-Skilled Worker	69	8.2	9	1.0	78	4.4
Unskilled Worker	75	8.9	3	0.3	78	4.4
Unemployed	12	1.4	4	0.4	16	0.9
Student	18	2.1	18	1.9	36	2.0
Housewife	0	0.0	770	82.6	770	43.4
Govt Employee	97	11.5	33	3.5	130	7.3
Pvt Employee	71	8.4	19	2.0	90	5.1
Other	223	26.4	46	4.9	269	15.1
Unknown / No Information	8	0.9	6	0.6	14	0.8
Total	844	100.0	932	100.0	1776	100.0

15. Comparison of cancer incidence rate with other Indian registries

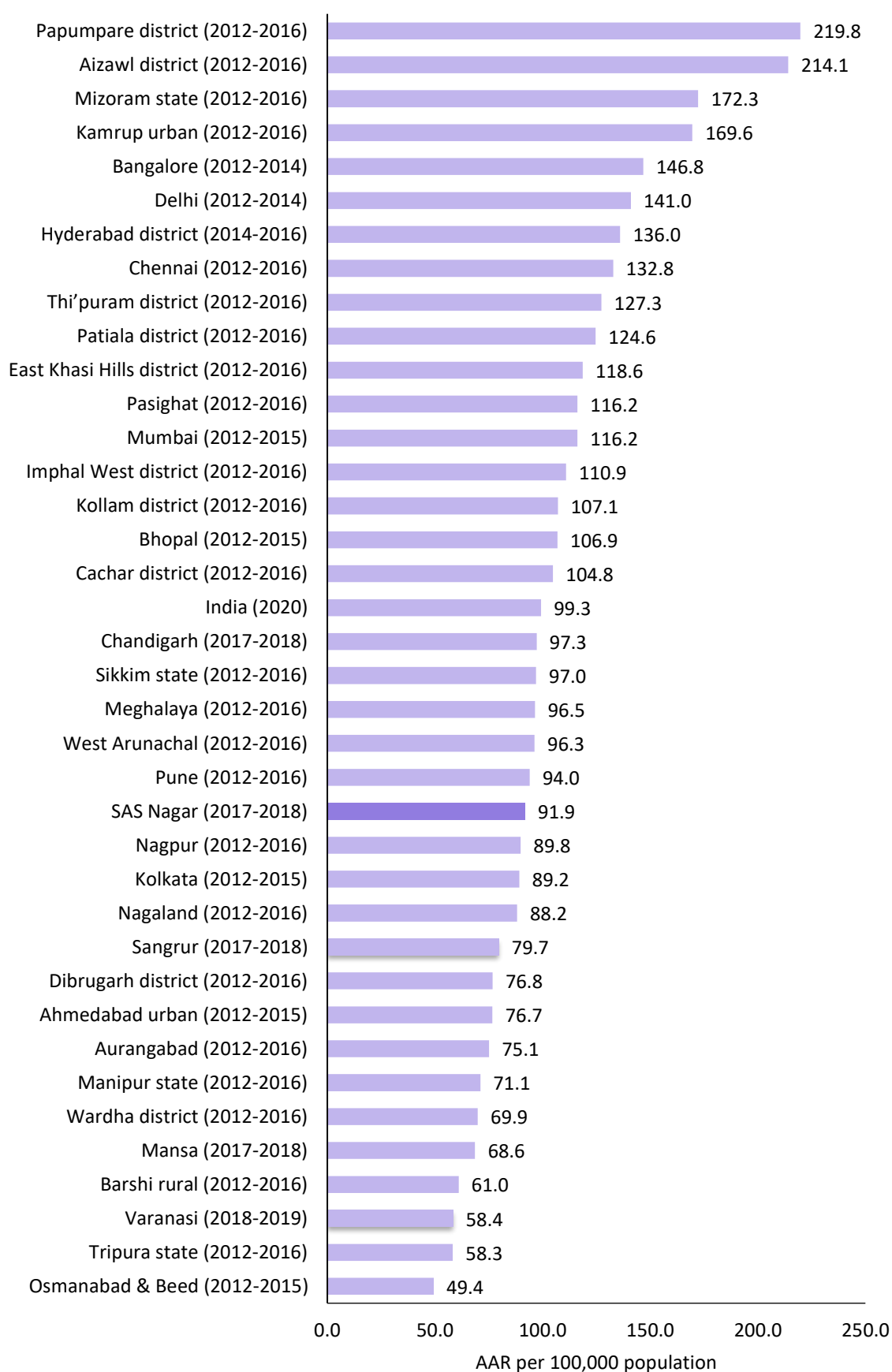
Age adjusted incidence rate for all cancer sites for both sexes for the year 2017-2018 was compared with other Indian PBCRs in the figures 35 and 36. The cancer incidence rate of SAS Nagar district is comparable with other rural cancer registries in the country.

Figure 35: Age-adjusted incidence rate of all cancer sites in males



(References: 1-5, 16)

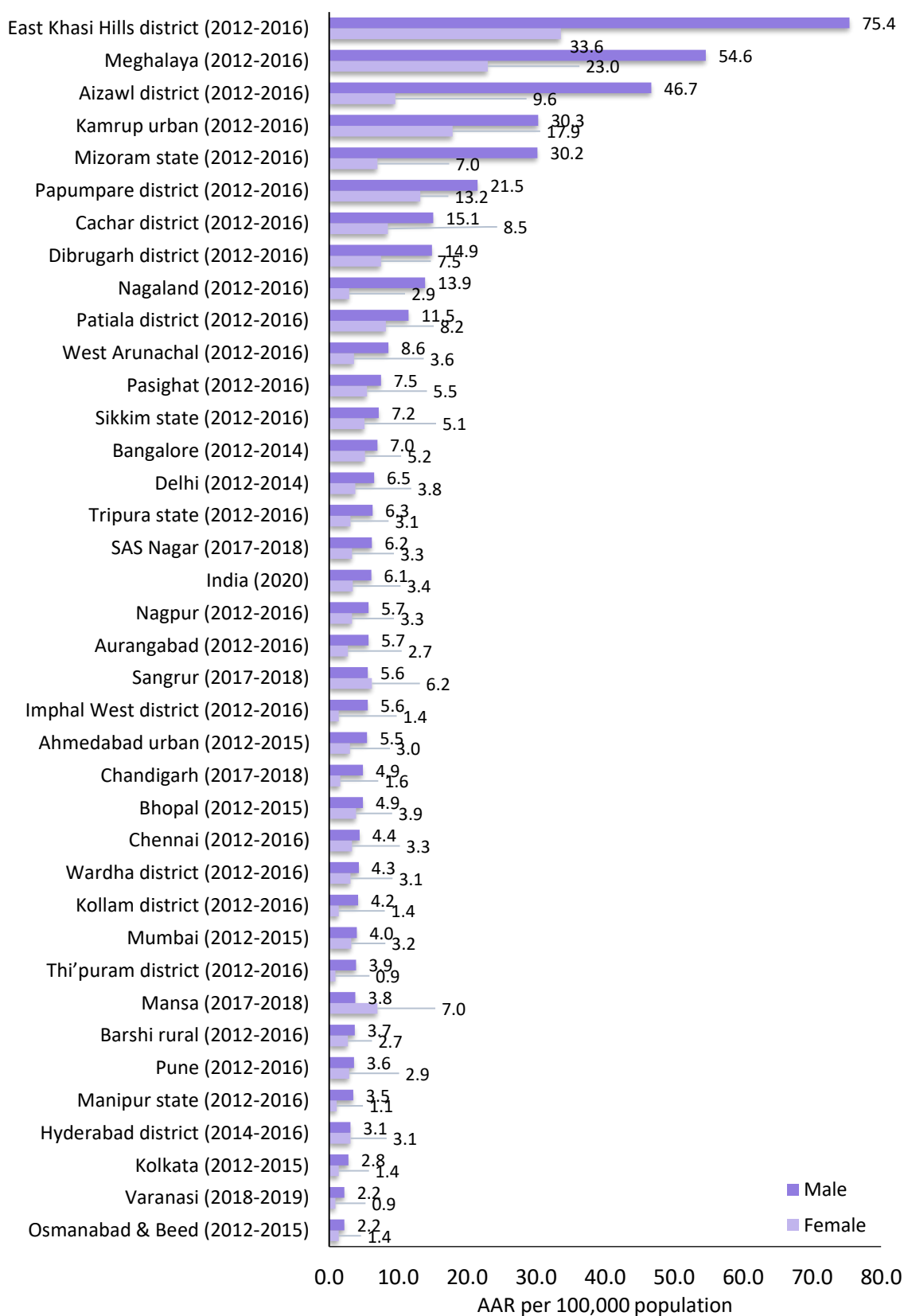
Figure 36: Age-adjusted incidence rate of all cancer sites in females



(References: 1-5, 16)

Oesophagus cancer rate is low in SAS Nagar district as compare to other Indian rural registries. Comparison of oesophagus cancer rate is shown in figure 37.

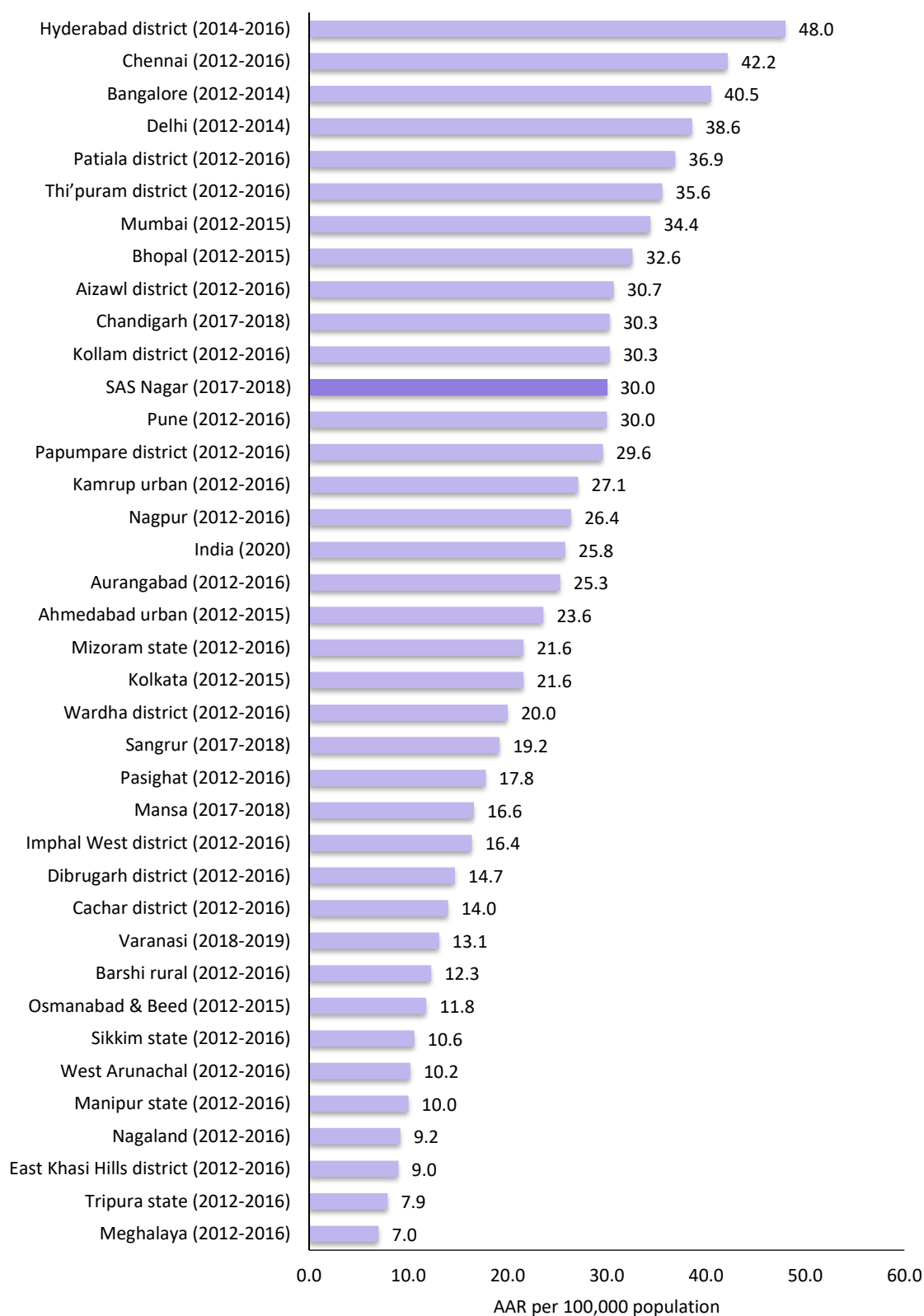
Figure 37: Age-adjusted incidence rate of oesophagus cancer



(References: 1-5, 16)

The breast cancer incidence rate is low in SAS Nagar district as compared to other registries in India. The comparison of breast cancer rate is shown in figure 38.

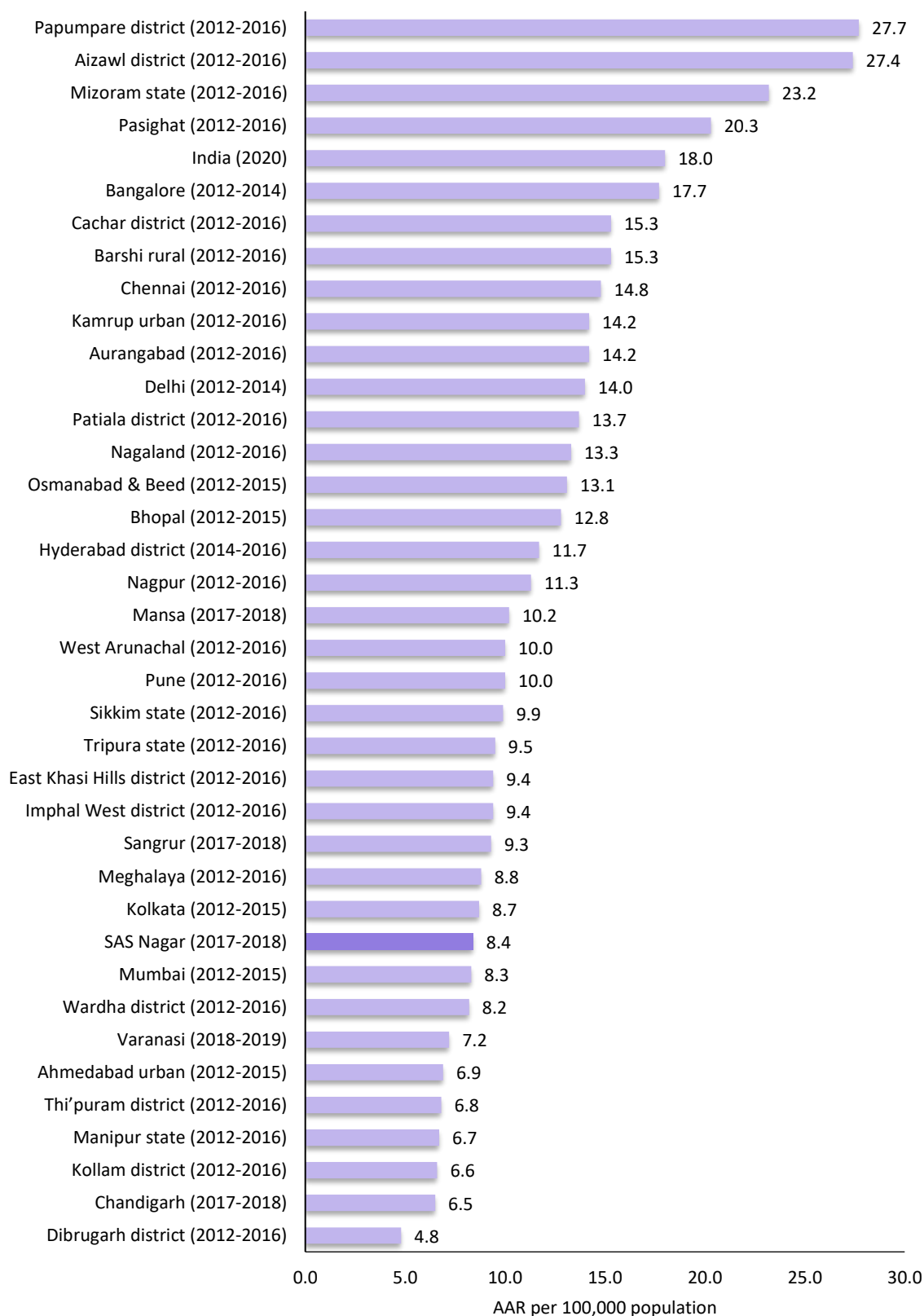
Figure 38: Age-adjusted incidence rate of breast cancer



(References: 1-5, 16)

The cervical cancer incidence rate is low in SAS Nagar district as compared to other registries in India. The comparison of cervical cancer rate is shown in figure 39.

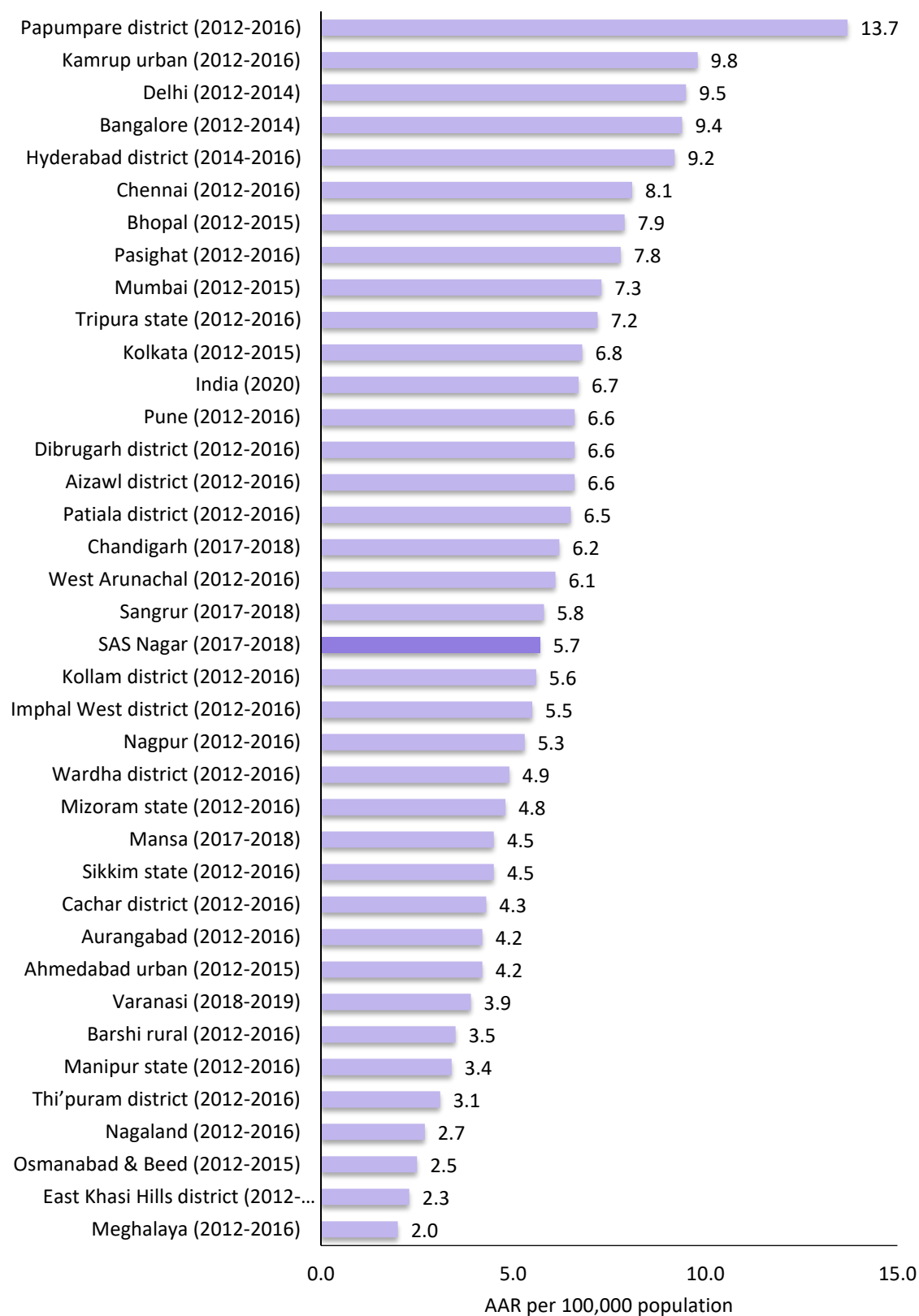
Figure 39: Age-adjusted incidence rate of cervical cancer



(References: 1-5, 16)

The ovarian cancer incidence rate is low in SAS Nagar district as compared to other registries in India. The comparison of ovarian cancer rate is shown in figure 40.

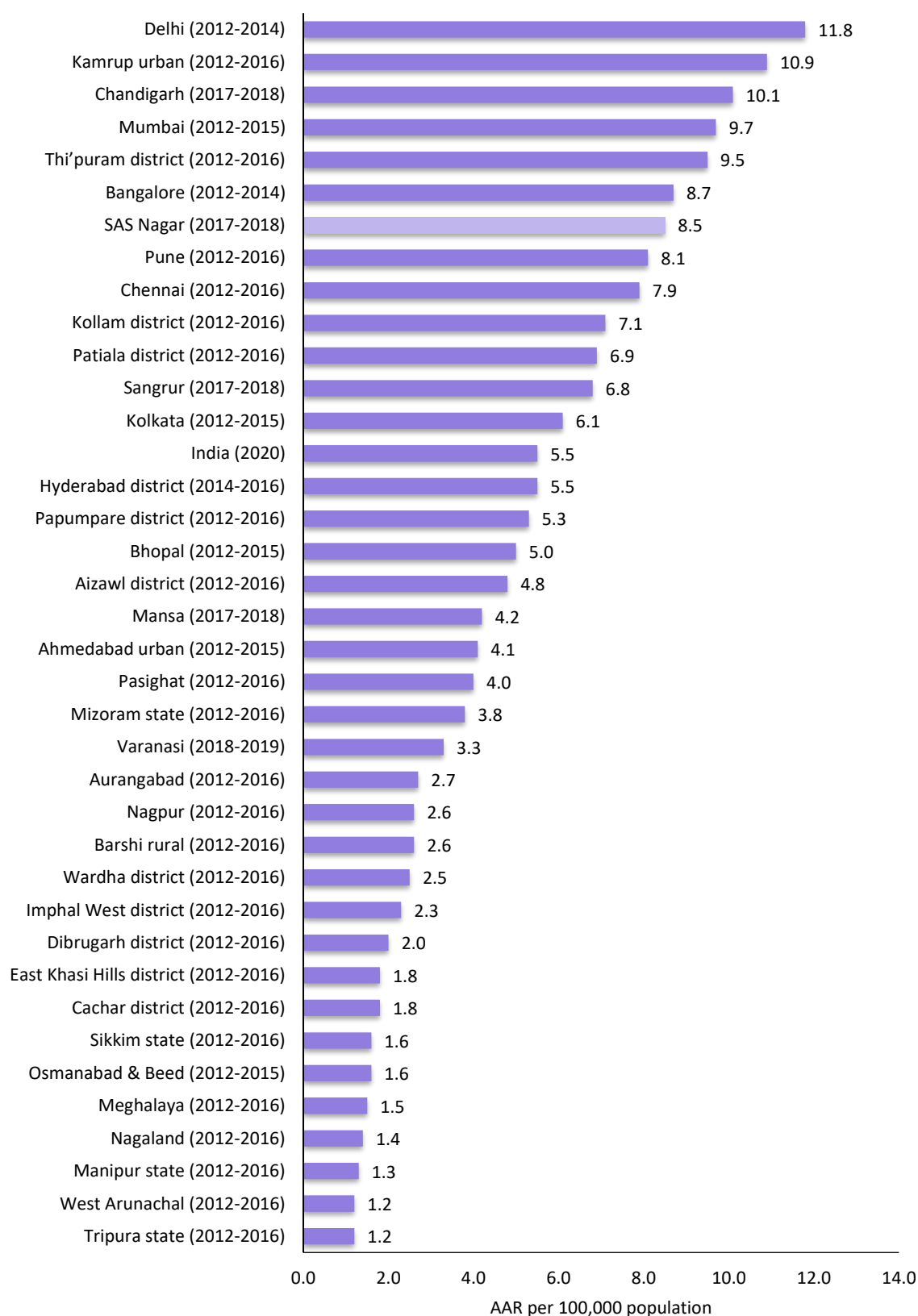
Figure 40: Age-adjusted incidence rate of ovarian cancer



(References: 1-5, 16)

The prostate cancer incidence rate is low in SAS Nagar district as compared to other registries in India. The comparison of prostate cancer rate is shown in figure 41.

Figure 41: Age-adjusted incidence rate of prostate cancer



(References: 1-5, 16)

16. COVID-19 impact on cancer registry activities

The COVID-19 pandemic has caused disruptions to National Health Systems and impacted health outcomes worldwide. This led to delays in diagnosis and initiation of completion of cancer treatment.

The diagnosis of new cancer cases was also delayed because of non-availability of diagnostic services as well as suspension of population-based screening process. Total 22 data sources collection resumed in June 2021 but remained limited as staff at centres had restriction of work hours and where they could visit as COVID-19 management became the priority.

In this tough time, registry staff work bravely to complete the home visits for 2017-2018. Most of the people leave their homes because of pandemic who are residing in respected district. Most of the underlying cancer patients died with COVID-19. Several registry staff and their relatives get infected.

Despite these challenges, cancer registry team worked very effectively with resuming home visits in June 2021 by adopting the flexible remedial measure.

17. Description of statistical term used

Incidence: Cancer incidence denotes new cancer cases diagnosed in a defined population in a specified time period. For this report, all cancer cases diagnosed from January 1, 2017 to December 31, 2018 in SAS Nagar district have been included.

Mortality: Cancer mortality is defined as the number of cancer deaths occurring in a defined population, in a defined geographic area, during a particular year(s) per 100,000 population. All cancer deaths between January 1, 2017 and December 31, 2018 in SAS Nagar district have been included.

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

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

$$CR = \frac{\text{Number of new cancer cases observed in the period 2017-2018} * 100000}{\text{Estimated population of the same year}}$$

This rate is also called crude rate 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 the 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 and allows comparisons to be made in the adjusted rates between different population sub-groups over time.

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

Paediatric cancer incidence rate: Age-specific rates are shown for 0-4, 5-9, 10-14, and 15-19 age groups. Age-adjusted incidence rates were calculated by the direct method, using the age-specific rates for the age groups 0-4, 5-9, 10-14, and 15-19 and the weights of the World Standard population for these age groups according to Segi, namely 12, 10, 9, and 9. The cumulative incidence rates were calculated as the sum of the age-specific incidence rates for the 5-year age groups, each multiplied by 5, the number of years contained in each age group.

18. Standard registry tables

Table 25: Number of incidence cancers by five year age group and site (ICD 10): 2017-2018

Males SAS 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	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	2	0.2
C01-C02	Tongue	-	-	-	-	-	2	2	1	2	3	2	4	5	5	4	7	37	4.4
C03-C06	Mouth	-	-	-	-	-	2	4	1	4	7	7	4	6	4	-	4	43	5.1
C07-C08	Salivary Gland	-	-	-	-	-	1	-	-	1	1	1	-	1	-	-	-	5	0.6
C09	Tonsil	-	-	-	-	-	1	-	-	-	4	-	1	3	1	-	1	11	1.3
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	-	1	1	3	1	1	-	7	0.8
C11	Nasopharynx	-	-	-	-	1	-	-	1	1	-	1	-	-	-	-	-	4	0.5
C12-C13	Hypopharynx	-	-	-	-	-	-	-	-	1	-	2	3	1	2	1	4	14	1.7
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	1	1	1	-	1	1	5	0.6
C15	Oesophagus	-	-	-	-	-	-	-	2	1	8	10	8	12	11	6	4	62	7.3
C16	Stomach	-	-	-	-	-	-	1	1	-	2	2	3	2	1	2	1	15	1.8
C17	Small Intestine	-	-	-	-	-	-	-	-	1	-	2	-	-	2	2	1	8	0.9
C18	Colon	-	-	-	-	-	1	1	1	3	1	1	2	2	2	4	2	20	2.4
C19-C20	Rectum	-	-	-	-	-	-	1	-	-	2	2	1	3	2	3	2	16	1.9
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	-	3	1	1	-	1	1	-	7	0.8
C22	Liver	1	-	-	-	-	-	-	-	2	1	-	5	8	8	7	4	36	4.3
C23-C24	Gallbladder etc.	-	-	-	-	-	-	2	-	1	1	-	1	4	4	5	4	22	2.6
C25	Pancreas	-	-	-	-	-	-	-	-	-	1	2	3	1	2	3	2	14	1.7
C30-C31	Nose, Sinuses etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	3	0.4
C32	Larynx	-	-	-	-	-	-	-	-	-	1	4	3	7	2	3	3	23	2.7
C33-C34	Trachea, bronchus and lung	-	-	-	-	-	-	1	1	2	1	7	7	13	15	9	7	63	7.5
C37-C38	Other Thoracic Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-C41	Bone	-	-	3	2	1	-	-	-	-	-	1	-	-	-	-	-	7	0.8
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	-	-	-	-	-	-	-	-	1	-	-	-	1	-	2	4	8	0.9
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	2	-	-	-	-	-	-	-	1	1	-	2	-	-	-	2	8	0.9
C50	Breast	-	-	-	-	-	-	-	-	1	2	-	2	-	-	-	1	6	0.7
C60	Penis	-	-	-	-	-	-	-	-	-	1	3	2	1	-	-	-	7	0.8
C61	Prostate	-	-	-	-	-	-	-	-	-	-	2	3	11	26	19	33	94	11.1
C62	Testis	-	-	-	-	1	2	-	-	1	-	-	-	-	-	-	-	4	0.5
C63	Other Male Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.1
C64	Kidney etc.	-	-	-	-	-	-	1	2	-	3	2	1	2	4	2	3	20	2.4
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Urinary Bladder	-	-	-	-	1	-	1	-	6	2	7	6	7	11	5	10	56	6.6
C68	Unspecified Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	0.2
C70-C72	Brain, Nervous System	-	-	-	-	1	2	1	-	1	2	4	6	1	5	-	1	24	2.8
C73	Thyroid	-	-	-	1	-	-	-	-	1	2	-	-	2	1	2	-	9	1.1
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.1
C81	Hodgkins Disease	-	1	1	1	1	-	-	-	-	2	-	2	-	-	-	-	8	0.9
C82-C86, C96	Non-Hodgkin lymphoma	-	-	-	1	1	1	2	4	5	5	3	5	11	6	7	2	53	6.3
C88	Maliglmn.Prol D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple Myeloma	-	-	-	-	-	-	-	1	-	1	2	1	5	2	2	3	17	2.0
C91	Lymphoid Leukaemia	3	-	2	3	2	2	1	1	-	2	-	3	2	6	5	1	33	3.9
C92-C94	Myeloid Leukaemia	-	2	-	-	-	3	2	1	2	1	2	1	1	3	2	1	21	2.5
C95	Leukaemia Unspecified	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	3	0.4
Other and Unspecified*		-	-	-	1	-	-	1	-	1	4	3	3	5	10	7	10	45	5.3
Total		7	4	6	10	9	17	21	17	40	64	75	86	121	140	106	121	844	100

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

Table 26: Number of incidence cancers by five year age group and site (ICD 10): 2017-2018
Females SAS 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-C02	Tongue	-	-	-	-	-	-	1	3	1	3	3	-	2	-	2	3	18	1.9
C03-C06	Mouth	-	-	-	-	-	-	1	-	1	2	-	1	1	-	1	6	13	1.4
C07-C08	Salivary Gland	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	3	0.3
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.1
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	4	0.4
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.1
C12-C13	Hypopharynx	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	3	0.3
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.1
C15	Oesophagus	-	-	-	-	-	-	-	-	2	4	1	7	7	4	5	2	32	3.4
C16	Stomach	-	-	-	-	-	-	-	-	2	1	-	-	1	-	1	1	6	0.6
C17	Small Intestine	-	-	-	-	-	-	-	-	-	-	1	-	2	2	1	-	6	0.6
C18	Colon	-	-	-	-	1	-	2	2	1	1	4	2	5	1	1	3	23	2.5
C19-C20	Rectum	-	-	-	-	-	-	-	-	1	1	1	2	-	1	1	1	8	0.9
C21	Anus & Anal Canal	-	-	-	-	-	-	-	1	-	-	1	-	2	1	-	2	7	0.8
C22	Liver	-	-	-	-	-	-	-	-	1	-	2	3	4	8	-	1	19	2.0
C23-C24	Gallbladder etc.	-	-	-	-	-	-	-	2	8	3	3	7	6	4	4	3	40	4.3
C25	Pancreas	-	-	-	-	-	-	-	-	-	-	-	1	3	1	1	-	6	0.6
C30-C31	Nose, Sinuses etc.	-	-	-	-	-	-	-	-	-	1	1	-	-	1	1	-	4	0.4
C32	Larynx	-	-	-	-	-	-	-	1	1	1	-	1	1	-	-	-	5	0.5
C33-C34	Trachea, bronchus and lung	-	-	-	-	-	-	1	3	-	1	5	2	-	6	2	1	21	2.3
C37-C38	Other Thoracic Organs	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	2	0.2
C40-C41	Bone	-	-	-	2	-	-	1	-	-	-	1	-	-	1	-	-	5	0.5
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	-	-	-	-	-	-	-	1	-	1	-	1	-	1	2	2	8	0.9
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	1	-	-	1	-	-	-	1	-	1	-	-	2	-	-	2	8	0.9
C50	Breast	-	-	-	-	1	2	9	25	44	38	43	37	40	31	18	16	304	32.6
C51	Vulva	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	1	4	0.4
C52	Vagina	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	0.2
C53	Cervix Uteri	-	-	-	-	-	-	-	5	8	18	11	9	13	7	7	5	83	8.9
C54	Corpus Uteri	-	-	-	-	-	-	-	1	2	2	5	9	9	6	2	4	40	4.3
C55	Uterus Unspecified	-	-	-	-	-	1	-	1	1	-	3	2	2	1	-	1	12	1.3
C56	Ovary	-	-	-	-	-	1	3	1	6	8	9	5	8	11	2	3	57	6.1
C57	Other Female Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	-	1	-	-	-	-	1	-	4	3	3	-	1	1	3	2	19	2.0
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.1
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Urinary Bladder	-	-	-	-	-	-	-	-	-	-	2	4	3	1	2	1	13	1.4
C68	Unspecified Urinary Organs	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.1
C69	Eye	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.1
C70-C72	Brain, Nervous System	-	2	-	1	-	-	3	2	-	-	-	4	1	1	-	-	14	1.5
C73	Thyroid	-	-	-	-	-	1	2	4	1	1	-	4	1	2	1	-	17	1.8
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.1
C81	Hodgkins Disease	-	-	-	1	-	-	1	1	1	-	-	1	-	-	-	-	5	0.5
C82-C86, C96	Non-Hodgkin lymphoma	-	-	1	-	1	-	-	-	-	2	1	5	4	4	4	6	28	3.0
C88	Maligmn.Prol D	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	0.2
C90	Multiple Myeloma	-	-	-	-	-	-	-	-	-	1	-	2	5	2	-	2	12	1.3
C91	Lymphoid Leukaemia	1	4	-	1	1	1	1	-	2	3	1	1	2	1	1	1	21	2.3
C92-C94	Myeloid Leukaemia	2	-	-	1	1	-	-	2	1	2	2	3	-	1	-	2	17	1.8
C95	Leukaemia Unspecified	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	2	0.2
Other & Unspecified*		-	-	-	-	-	-	1	1	2	4	4	4	4	4	4	4	32	3.4
Total		4	7	1	7	5	6	27	58	93	105	111	119	133	109	70	77	932	100

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

Table 27: Average annual Age Specific, Crude (CR), Age Adjusted (AAR) and Truncated (35-64 yrs) (TR) Incidence Rate per 100,000 Population: 2017-2018 – Males SAS Nagar district

ICD 10	0_4	5_9	10_14	15_19	20_24	25_29	30_34	35_39	40_44	45_49	50_54	55_59	60_64	65_69	70_74	75+	CR	AAR	TR
C00	-	-	-	-	-	-	-	-	1.3	-	-	-	-	3.4	-	-	0.2	0.2	0.2
C01-C02	-	-	-	-	-	1.9	2.2	1.1	2.5	4.6	3.9	12.4	15.0	16.9	15.9	25.8	2.8	3.4	5.8
C03-C06	-	-	-	-	-	1.9	4.4	1.1	5.1	10.8	13.5	12.4	18.0	13.5	-	14.7	3.2	4.0	9.4
C07-C08	-	-	-	-	-	1.0	-	-	1.3	1.5	1.9	-	3.0	-	-	-	0.4	0.5	1.2
C09	-	-	-	-	-	1.0	-	-	-	6.2	-	3.1	9.0	3.4	-	3.7	0.8	1.1	2.8
C10	-	-	-	-	-	-	-	-	-	-	1.9	3.1	9.0	3.4	4.0	-	0.5	0.8	1.9
C11	-	-	-	-	0.8	-	-	1.1	1.3	-	1.9	-	-	-	-	-	0.3	0.3	0.8
C12-C13	-	-	-	-	-	-	-	-	1.3	-	3.9	9.3	3.0	6.8	4.0	14.7	1.1	1.3	2.5
C14	-	-	-	-	-	-	-	-	-	-	1.9	3.1	3.0	-	4.0	3.7	0.4	0.5	1.1
C15	-	-	-	-	-	-	-	2.2	1.3	12.4	19.3	24.9	35.9	37.2	23.8	14.7	4.7	6.2	14.0
C16	-	-	-	-	-	-	1.1	1.1	-	3.1	3.9	9.3	6.0	3.4	7.9	3.7	1.1	1.5	3.4
C17	-	-	-	-	-	-	-	-	1.3	-	3.9	-	-	6.8	7.9	3.7	0.6	0.7	0.9
C18	-	-	-	-	-	1.0	1.1	1.1	3.8	1.5	1.9	6.2	6.0	6.8	15.9	7.4	1.5	1.8	3.1
C19-C20	-	-	-	-	-	-	1.1	-	-	3.1	3.9	3.1	9.0	6.8	11.9	7.4	1.2	1.5	2.8
C21	-	-	-	-	-	-	-	-	-	4.6	1.9	3.1	-	3.4	4.0	-	0.5	0.7	1.6
C22	0.8	-	-	-	-	-	-	-	2.5	1.5	-	15.5	23.9	27.0	27.8	14.7	2.7	3.6	5.9
C23-C24	-	-	-	-	-	-	2.2	-	1.3	1.5	-	3.1	12.0	13.5	19.9	14.7	1.7	2.0	2.5
C25	-	-	-	-	-	-	-	-	-	1.5	3.9	9.3	3.0	6.8	11.9	7.4	1.1	1.4	2.5
C30-C31	-	-	-	-	-	-	-	-	-	-	-	-	-	6.8	4.0	-	0.2	0.3	-
C32	-	-	-	-	-	-	-	-	-	1.5	7.7	9.3	20.9	6.8	11.9	11.1	1.7	2.4	5.5
C33-C34	-	-	-	-	-	-	1.1	1.1	2.5	1.5	13.5	21.7	38.9	50.7	35.8	25.8	4.7	6.2	11.0
C37-C38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-C41	-	-	1.9	1.4	0.8	-	-	-	-	-	1.9	-	-	-	-	-	0.5	0.5	0.3
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	-	-	1.3	-	-	-	3.0	-	7.9	14.7	0.6	0.6	0.6
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	1.6	-	-	-	-	-	-	-	1.3	1.5	-	6.2	-	-	-	7.4	0.6	0.8	1.3
C50	-	-	-	-	-	-	-	-	1.3	3.1	-	6.2	-	-	-	3.7	0.5	0.6	1.6
C60	-	-	-	-	-	-	-	-	-	1.5	5.8	6.2	3.0	-	-	-	0.5	0.8	2.4
C61	-	-	-	-	-	-	-	-	-	-	3.9	9.3	32.9	87.9	75.5	121.7	7.1	8.5	6.1
C62	-	-	-	-	0.8	1.9	-	-	1.3	-	-	-	-	-	-	-	0.3	0.3	0.2
C63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7	0.1	0.1	-
C64	-	-	-	-	-	-	1.1	2.2	-	4.6	3.9	3.1	6.0	13.5	7.9	11.1	1.5	1.8	3.1
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	0.8	-	1.1	-	7.6	3.1	13.5	18.6	20.9	37.2	19.9	36.9	4.2	5.3	9.4
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.4	0.2	0.1	-
C70-C72	-	-	-	-	0.8	1.9	1.1	-	1.3	3.1	7.7	18.6	3.0	16.9	-	3.7	1.8	2.4	4.9
C73	-	-	-	0.7	-	-	-	-	1.3	3.1	-	-	6.0	3.4	7.9	-	0.7	0.8	1.6
C74	-	-	-	-	-	-	-	-	-	-	-	3.1	-	-	-	-	0.1	0.1	0.4
C81	-	0.7	0.6	0.7	0.8	-	-	-	-	3.1	-	6.2	-	-	-	-	0.6	0.7	1.4
C82-C86, C96	-	-	-	0.7	0.8	1.0	2.2	4.4	6.4	7.7	5.8	15.5	32.9	20.3	27.8	7.4	4.0	5.0	10.8
C88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	-	-	-	-	-	-	-	1.1	-	1.5	3.9	3.1	15.0	6.8	7.9	11.1	1.3	1.7	3.5
C91	2.5	-	1.3	2.1	1.6	1.9	1.1	1.1	-	3.1	-	9.3	6.0	20.3	19.9	3.7	2.5	2.9	2.8
C92-C94	-	1.3	-	-	-	2.9	2.2	1.1	2.5	1.5	3.9	3.1	3.0	10.1	7.9	3.7	1.6	1.8	2.4
C95	0.8	0.7	-	0.7	-	-	-	-	-	-	-	-	-	-	-	-	0.2	0.2	-
O&U*	-	-	-	0.7	-	-	1.1	-	1.3	6.2	5.8	9.3	15.0	33.8	27.8	36.9	3.4	4.1	5.5
Total	5.8	2.7	3.8	7.0	7.0	16.4	23.0	18.6	50.9	99.1	144.8	267.2	362.1	473.2	421.1	446.1	63.5	79.2	137.2

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

Table 28: Average annual Age Specific, Crude (CR), Age Adjusted (AAR) and Truncated (35-64 yrs) (TR) Incidence Rate per 100,000 Population: 2017-2018 – Females SAS Nagar district

ICD 10	0_4	5_9	10_14	15_19	20_24	25_29	30_34	35_39	40_44	45_49	50_54	55_59	60_64	65_69	70_74	75+	CR	AAR	TR
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-C02	-	-	-	-	-	-	1.1	3.4	1.4	5.2	7.2	-	5.4	-	9.5	11.6	1.5	1.7	3.8
C03-C06	-	-	-	-	-	-	1.1	-	1.4	3.4	-	3.1	2.7	-	4.8	23.2	1.1	1.1	1.7
C07-C08	-	-	-	-	-	-	-	1.1	2.8	-	-	-	-	-	-	-	0.2	0.2	0.8
C09	-	-	-	-	-	-	-	-	-	-	-	-	2.7	-	-	-	0.1	0.1	0.3
C10	-	-	-	-	-	-	-	-	-	-	-	-	-	6.2	4.8	3.9	0.3	0.4	-
C11	-	-	-	-	-	-	-	-	-	1.7	-	-	-	-	-	-	0.1	0.1	0.3
C12-C13	-	-	-	-	-	-	-	-	-	-	4.8	-	-	3.1	-	-	0.2	0.3	0.8
C14	-	-	-	-	-	-	-	-	-	-	-	3.1	-	-	-	-	0.1	0.1	0.4
C15	-	-	-	-	-	-	-	-	2.8	6.9	2.4	21.4	19.0	12.5	23.9	7.7	2.7	3.3	7.5
C16	-	-	-	-	-	-	-	-	2.8	1.7	-	-	2.7	-	4.8	3.9	0.5	0.6	1.2
C17	-	-	-	-	-	-	-	-	-	-	2.4	-	5.4	6.2	4.8	-	0.5	0.6	1.1
C18	-	-	-	-	0.9	-	2.1	2.3	1.4	1.7	9.6	6.1	13.5	3.1	4.8	11.6	1.9	2.2	5.1
C19-C20	-	-	-	-	-	-	-	-	1.4	1.7	2.4	6.1	-	3.1	4.8	3.9	0.7	0.8	1.8
C21	-	-	-	-	-	-	-	1.1	-	-	2.4	-	5.4	3.1	-	7.7	0.6	0.7	1.3
C22	-	-	-	-	-	-	-	-	1.4	-	4.8	9.2	10.8	25.0	-	3.9	1.6	2.0	3.6
C23-C24	-	-	-	-	-	-	-	2.3	11.3	5.2	7.2	21.4	16.2	12.5	19.1	11.6	3.3	4.0	9.6
C25	-	-	-	-	-	-	-	-	-	-	-	3.1	8.1	3.1	4.8	-	0.5	0.6	1.4
C30-C31	-	-	-	-	-	-	-	-	-	1.7	2.4	-	-	3.1	4.8	-	0.3	0.4	0.7
C32	-	-	-	-	-	-	-	1.1	1.4	1.7	-	3.1	2.7	-	-	-	0.4	0.5	1.6
C33-C34	-	-	-	-	-	-	1.1	3.4	-	1.7	12.0	6.1	-	18.7	9.5	3.9	1.7	2.0	3.7
C37-C38	-	-	-	-	-	-	-	-	1.4	-	-	-	-	3.1	-	-	0.2	0.2	0.3
C40-C41	-	-	-	1.6	-	-	1.1	-	-	-	2.4	-	-	3.1	-	-	0.4	0.4	0.4
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	-	1.1	-	1.7	-	3.1	-	3.1	9.5	7.7	0.7	0.7	0.9
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	1.0	-	-	0.8	-	-	-	1.1	-	1.7	-	-	5.4	-	-	7.7	0.7	0.7	1.3
C50	-	-	-	-	0.9	2.0	9.6	28.2	62.0	65.4	102.8	113.4	108.3	96.8	85.9	61.9	25.2	30.0	75.3
C51	-	-	-	-	-	-	-	-	-	-	-	-	5.4	-	4.8	3.9	0.3	0.4	0.7
C52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	3.9	0.2	0.2	-
C53	-	-	-	-	-	-	-	5.6	11.3	31.0	26.3	27.6	35.2	21.9	33.4	19.4	6.9	8.4	21.6
C54	-	-	-	-	-	-	-	1.1	2.8	3.4	12.0	27.6	24.4	18.7	9.5	15.5	3.3	4.2	10.1
C55	-	-	-	-	-	1.0	-	1.1	1.4	-	7.2	6.1	5.4	3.1	-	3.9	1.0	1.2	3.1
C56	-	-	-	-	-	1.0	3.2	1.1	8.5	13.8	21.5	15.3	21.7	34.4	9.5	11.6	4.7	5.7	12.8
C57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	-	0.8	-	-	-	-	1.1	-	5.6	5.2	7.2	-	2.7	3.1	14.3	7.7	1.6	1.8	3.6
C65	-	-	-	-	-	-	-	-	-	-	2.4	-	-	-	-	-	0.1	0.1	0.4
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	-	4.8	12.3	8.1	3.1	9.5	3.9	1.1	1.4	3.4
C68	-	-	-	-	-	-	-	-	-	-	2.4	-	-	-	-	-	0.1	0.1	0.4
C69	-	-	-	-	-	-	-	-	-	1.7	-	-	-	-	-	-	0.1	0.1	0.3
C70-C72	-	1.6	-	0.8	-	-	3.2	2.3	-	-	-	12.3	2.7	3.1	-	-	1.2	1.3	2.4
C73	-	-	-	-	-	1.0	2.1	4.5	1.4	1.7	-	12.3	2.7	6.2	4.8	-	1.4	1.5	3.4
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1	-	-	0.1	0.1	-
C81	-	-	-	0.8	-	-	1.1	1.1	1.4	-	-	3.1	-	-	-	-	0.4	0.4	0.9
C82-C86, C96	-	-	0.7	-	0.9	-	-	-	-	3.4	2.4	15.3	10.8	12.5	19.1	23.2	2.3	2.7	4.4
C88	-	-	-	-	-	-	-	-	-	-	-	-	2.7	-	4.8	-	0.2	0.2	0.3
C90	-	-	-	-	-	-	-	-	-	1.7	-	6.1	13.5	6.2	-	7.7	1.0	1.2	2.9
C91	1.0	3.1	-	0.8	0.9	1.0	1.1	-	2.8	5.2	2.4	3.1	5.4	3.1	4.8	3.9	1.7	1.9	3.0
C92-C94	2.0	-	-	0.8	0.9	-	-	2.3	1.4	3.4	4.8	9.2	-	3.1	-	7.7	1.4	1.7	3.3
C95	-	-	-	-	-	-	-	-	-	1.7	-	3.1	-	-	-	-	0.2	0.2	0.7
O&U*	-	-	-	-	-	-	1.1	1.1	2.8	6.9	9.6	12.3	10.8	12.5	19.1	15.5	2.7	3.2	6.6
Total	4.0	5.5	0.7	5.7	4.3	6.1	28.9	65.5	131.0	180.7	265.4	364.6	360.2	340.5	334.0	298.1	77.3	91.9	209.3

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

Table 29: Cumulative Rate (Cu. Rate) & Cumulative Risk (Cu. Risk) of individual sites (ICD 10) based on age specific rates (From 0-64 Years and 0-74 Years) 2017-2018: Males

ICD 10	Sites	Cum Rate (0-64)	Cum Risk (0-64)	Cum Rate (0-74)	Cum Risk (0-74)
C00	Lip	0.0001	0.0001	0.0002	0.0002
C01-C02	Tongue	0.0022	0.0022	0.0038	0.0038
C03-C06	Mouth	0.0034	0.0034	0.0040	0.0040
C07-C08	Salivary Gland	0.0004	0.0004	0.0004	0.0004
C09	Tonsil	0.0010	0.0010	0.0011	0.0011
C10	Oth. Oropharynx	0.0007	0.0007	0.0011	0.0011
C11	Nasopharynx	0.0003	0.0003	0.0003	0.0003
C12-C13	Hypopharynx	0.0009	0.0009	0.0014	0.0014
C14	Pharynx Unspecified	0.0004	0.0004	0.0006	0.0006
C15	Oesophagus	0.0048	0.0048	0.0078	0.0078
C16	Stomach	0.0012	0.0012	0.0018	0.0018
C17	Small Intestine	0.0003	0.0003	0.0010	0.0010
C18	Colon	0.0011	0.0011	0.0023	0.0023
C19-C20	Rectum	0.0010	0.0010	0.0019	0.0019
C21	Anus & Anal Canal	0.0005	0.0005	0.0009	0.0009
C22	Liver	0.0022	0.0022	0.0050	0.0050
C23-C24	Gallbladder etc.	0.0010	0.0010	0.0027	0.0027
C25	Pancreas	0.0009	0.0009	0.0018	0.0018
C30-C31	Nose, Sinuses etc.	-	-	0.0005	0.0005
C32	Larynx	0.0020	0.0020	0.0029	0.0029
C33-C34	Trachea, bronchus and lung	0.0040	0.0040	0.0083	0.0083
C37-C38	Other Thoracic Organs	-	-	-	0.0000
C40-C41	Bone	0.0003	0.0003	0.0003	0.0003
C43	Melanoma of Skin	-	-	-	0.0000
C44	Other Skin	0.0002	0.0002	0.0006	0.0006
C45	Mesothelioma	-	-	-	0.0000
C46	Kaposi Sarcoma	-	-	-	0.0000
C47+C49	Conn. & Soft Tissue	0.0005	0.0005	0.0005	0.0005
C50	Breast	0.0005	0.0005	0.0005	0.0005
C60	Penis	0.0008	0.0008	0.0008	0.0008
C61	Prostate	0.0023	0.0023	0.0105	0.0105
C62	Testis	0.0002	0.0002	0.0002	0.0002
C63	Other Male Genital	-	-	-	0.0000
C64	Kidney etc.	0.0010	0.0010	0.0021	0.0021
C65	Renal Pelvis	-	-	-	0.0000
C66	Ureter	-	-	-	0.0000
C67	Urinary Bladder	0.0033	0.0033	0.0061	0.0061
C68	Unspecified Urinary Organs	-	-	-	0.0000
C69	Eye	-	-	-	0.0000
C70-C72	Brain, Nervous System	0.0019	0.0019	0.0027	0.0027
C73	Thyroid	0.0006	0.0006	0.0011	0.0011
C74	Adrenal Gland	0.0002	0.0002	0.0002	0.0002
C81	Hodgkins Disease	0.0006	0.0006	0.0006	0.0006
C82-C86, C96	Non-Hodgkin lymphoma	0.0039	0.0039	0.0063	0.0063
C88	MaligImn.Prol D	-	-	-	0.0000
C90	Multiple Myeloma	0.0012	0.0012	0.0020	0.0020
C91	Lymphoid Leukaemia	0.0015	0.0015	0.0035	0.0035
C92-C94	Myeloid Leukaemia	0.0011	0.0011	0.0020	0.0020
C95	Leukaemia Unspecified	0.0001	0.0001	0.0001	0.0001
Other & Unspecified*		0.0020	0.0020	0.0050	0.0050
Total		0.0504	0.0504	0.0951	0.0951

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

Table 30: Cumulative Rate (Cu. Rate) & Cumulative Risk (Cu. Risk) of individual sites (ICD 10) based on age specific rates (From 0-64 Years and 0-74 Years) 2017-2018: Females

ICD 10	Sites	Cum Rate (0-64)	Cum Risk (0-64)	Cum Rate (0-74)	Cum Risk (0-74)
C00	Lip	-	-	-	-
C01-C02	Tongue	0.0012	0.0012	0.0017	0.0017
C03-C06	Mouth	0.0006	0.0006	0.0008	0.0008
C07-C08	Salivary Gland	0.0002	0.0002	0.0002	0.0002
C09	Tonsil	0.0001	0.0001	0.0001	0.0001
C10	Oth. Oropharynx	-	-	0.0006	0.0006
C11	Nasopharynx	0.0001	0.0001	0.0001	0.0001
C12-C13	Hypopharynx	0.0002	0.0002	0.0004	0.0004
C14	Pharynx Unspecified	0.0002	0.0002	0.0002	0.0002
C15	Oesophagus	0.0026	0.0026	0.0044	0.0044
C16	Stomach	0.0004	0.0004	0.0006	0.0006
C17	Small Intestine	0.0004	0.0004	0.0009	0.0009
C18	Colon	0.0019	0.0019	0.0023	0.0023
C19-C20	Rectum	0.0006	0.0006	0.0010	0.0010
C21	Anus & Anal Canal	0.0004	0.0004	0.0006	0.0006
C22	Liver	0.0013	0.0013	0.0026	0.0026
C23-C24	Gallbladder etc.	0.0032	0.0032	0.0048	0.0048
C25	Pancreas	0.0006	0.0006	0.0010	0.0010
C30-C31	Nose, Sinuses etc.	0.0002	0.0002	0.0006	0.0006
C32	Larynx	0.0005	0.0005	0.0005	0.0005
C33-C34	Trachea, bronchus and lung	0.0012	0.0012	0.0026	0.0026
C37-C38	Other Thoracic Organs	0.0001	0.0001	0.0002	0.0002
C40-C41	Bone	0.0003	0.0003	0.0004	0.0004
C43	Melanoma of Skin	-	-	-	-
C44	Other Skin	0.0003	0.0003	0.0009	0.0009
C45	Mesothelioma	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-
C47+C49	Conn. & Soft Tissue	0.0005	0.0005	0.0005	0.0005
C50	Breast	0.0246	0.0246	0.0338	0.0338
C51	Vulva	0.0003	0.0003	0.0005	0.0005
C52	Vagina	-	-	0.0002	0.0002
C53	Cervix Uteri	0.0068	0.0068	0.0096	0.0096
C54	Corpus Uteri	0.0036	0.0036	0.0050	0.0050
C55	Uterus Unspecified	0.0011	0.0011	0.0013	0.0013
C56	Ovary	0.0043	0.0043	0.0065	0.0065
C57	Other Female Genital	-	-	-	-
C58	Placenta	-	-	-	-
C64	Kidney etc.	0.0011	0.0011	0.0020	0.0020
C65	Renal Pelvis	0.0001	0.0001	0.0001	0.0001
C66	Ureter	-	-	-	-
C67	Urinary Bladder	0.0013	0.0013	0.0019	0.0019
C68	Unspecified Urinary Organs	0.0001	0.0001	0.0001	0.0001
C69	Eye	0.0001	0.0001	0.0001	0.0001
C70-C72	Brain, Nervous System	0.0011	0.0011	0.0013	0.0013
C73	Thyroid	0.0013	0.0013	0.0018	0.0018
C74	Adrenal Gland	-	-	0.0002	0.0002
C81	Hodgkins Disease	0.0004	0.0004	0.0004	0.0004
C82-C86, C96	Non-Hodgkin lymphoma	0.0017	0.0017	0.0033	0.0033
C88	Maliglmn.Prol D	0.0001	0.0001	0.0004	0.0004
C90	Multiple Myeloma	0.0011	0.0011	0.0014	0.0014
C91	Lymphoid Leukaemia	0.0013	0.0013	0.0017	0.0017
C92-C94	Myeloid Leukaemia	0.0012	0.0012	0.0014	0.0014
C95	Leukaemia Unspecified	0.0002	0.0002	0.0002	0.0002
Other & Unspecified*		0.0022	0.0022	0.0038	0.0038
Total		0.0711	0.0711	0.1049	0.1048

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

**Table 31: Number (#) and Proportion (%) of cancers by site (ICD10) and method of diagnosis:
2017-2018 – Males SAS Nagar district**

ICD 10	Sites	Radiology		Microscopic		Other (+DCO)**		Total	
		Number	%	Number	%	Number	%	Number	%
C00	Lip	-	-	2	100.0	-	-	2	100.0
C01-C02	Tongue	1	2.7	36	97.3	-	-	37	100.0
C03-C06	Mouth	-	-	42	97.7	1	2.3	43	100.0
C07-C08	Salivary Gland	-	-	5	100.0	-	-	5	100.0
C09	Tonsil	-	-	11	100.0	-	-	11	100.0
C10	Oth. Oropharynx	-	-	7	100.0	-	-	7	100.0
C11	Nasopharynx	-	-	4	100.0	-	-	4	100.0
C12-C13	Hypopharynx	-	-	14	100.0	-	-	14	100.0
C14	Pharynx Unspecified	-	-	5	100.0	-	-	5	100.0
C15	Oesophagus	-	-	61	98.4	1	1.6	62	100.0
C16	Stomach	1	6.7	14	93.3	-	-	15	100.0
C17	Small Intestine	-	-	8	100.0	-	-	8	100.0
C18	Colon	1	5.0	19	95.0	-	-	20	100.0
C19-C20	Rectum	-	-	16	100.0	-	-	16	100.0
C21	Anus & Anal Canal	-	-	7	100.0	-	-	7	100.0
C22	Liver	11	30.6	24	66.7	1	2.8	36	100.0
C23-C24	Gallbladder etc.	1	4.5	21	95.5	-	-	22	100.0
C25	Pancreas	-	-	13	92.9	1	7.1	14	100.0
C30-C31	Nose, Sinuses etc.	-	-	3	100.0	-	-	3	100.0
C32	Larynx	-	-	23	100.0	-	-	23	100.0
C33-C34	Trachea, bronchus and lung	1	1.6	62	98.4	-	-	63	100.0
C37-C38	Other Thoracic Organs	-	-	-	-	-	-	-	-
C40-C41	Bone	-	-	7	100.0	-	-	7	100.0
C43	Melanoma of Skin	-	-	-	-	-	-	-	-
C44	Other Skin	-	-	8	100.0	-	-	8	100.0
C45	Mesothelioma	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	-	-	8	100.0	-	-	8	100.0
C50	Breast	-	-	6	100.0	-	-	6	100.0
C60	Penis	-	-	7	100.0	-	-	7	100.0
C61	Prostate	2	2.1	92	97.9	-	-	94	100.0
C62	Testis	-	-	4	100.0	-	-	4	100.0
C63	Other Male Genital	-	-	1	100.0	-	-	1	100.0
C64	Kidney etc.	-	-	20	100.0	-	-	20	100.0
C65	Renal Pelvis	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-
C67	Urinary Bladder	-	-	56	100.0	-	-	56	100.0
C68	Unspecified Urinary Organs	-	-	-	-	-	-	-	-
C69	Eye	-	-	2	100.0	-	-	2	100.0
C70-C72	Brain, Nervous System	1	4.2	23	95.8	-	-	24	100.0
C73	Thyroid	-	-	9	100.0	-	-	9	100.0
C74	Adrenal Gland	-	-	1	100.0	-	-	1	100.0
C81	Hodgkins Disease	-	-	8	100.0	-	-	8	100.0
C82-C86, C96	Non-Hodgkin lymphoma	-	-	53	100.0	-	-	53	100.0
C88	MaligImn.Prol D	-	-	-	-	-	-	-	-
C90	Multiple Myeloma	-	-	17	100.0	-	-	17	100.0
C91	Lymphoid Leukaemia	-	-	33	100.0	-	-	33	100.0
C92-C94	Myeloid Leukaemia	-	-	21	100.0	-	-	21	100.0
C95	Leukaemia Unspecified	-	-	3	100.0	-	-	3	100.0
Other & Unspecified*		0	-	-	88.9	5	11.1	45	100.0
Total		19	2.3	816	96.7	9	1.1	844	100.0

* 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 note and DCO

**Table 32: Number (#) and Proportion (%) of cancers by site (ICD10) and method of diagnosis:
2017-2018 – Females SAS Nagar district**

ICD 10	Sites	Radiology		Microscopic		Other (+DCO)**		Total	
		Number	%	Number	%	Number	%	Number	%
C00	Lip	-	-	-	-	-	-	-	-
C01-C02	Tongue	-	-	18	100.0	-	-	18	100.0
C03-C06	Mouth	-	-	13	100.0	-	-	13	100.0
C07-C08	Salivary Gland	-	-	3	100.0	-	-	3	100.0
C09	Tonsil	-	-	1	100.0	-	-	1	100.0
C10	Oth. Oropharynx	-	-	4	100.0	-	-	4	100.0
C11	Nasopharynx	-	-	1	100.0	-	-	1	100.0
C12-C13	Hypopharynx	1	33.3	2	66.7	-	-	3	100.0
C14	Pharynx Unspecified	-	-	1	100.0	-	-	1	100.0
C15	Oesophagus	-	-	31	96.9	1	3.1	32	100.0
C16	Stomach	-	-	6	100.0	-	-	6	100.0
C17	Small Intestine	-	-	6	100.0	-	-	6	100.0
C18	Colon	-	-	23	100.0	-	-	23	100.0
C19-C20	Rectum	-	-	8	100.0	-	-	8	100.0
C21	Anus & Anal Canal	-	-	7	100.0	-	-	7	100.0
C22	Liver	3	15.8	16	84.2	-	-	19	100.0
C23-C24	Gallbladder etc.	2	5.0	37	92.5	1	2.5	40	100.0
C25	Pancreas	1	16.7	5	83.3	-	-	6	100.0
C30-C31	Nose, Sinuses etc.	-	-	4	100.0	-	-	4	100.0
C32	Larynx	-	-	5	100.0	-	-	5	100.0
C33-C34	Trachea, bronchus and lung	-	-	20	95.2	1	4.8	21	100.0
C37-C38	Other Thoracic Organs	-	-	2	100.0	-	-	2	100.0
C40-C41	Bone	-	-	5	100.0	-	-	5	100.0
C43	Melanoma of Skin	-	-	-	-	-	-	-	-
C44	Other Skin	-	-	8	100.0	-	-	8	100.0
C45	Mesothelioma	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	-	-	8	100.0	-	-	8	100.0
C50	Breast	2	0.7	302	99.3	-	-	304	100.0
C51	Vulva	-	-	4	100.0	-	-	4	100.0
C52	Vagina	-	-	2	100.0	-	-	2	100.0
C53	Cervix Uteri	-	-	83	100.0	-	-	83	100.0
C54	Corpus Uteri	-	-	40	100.0	-	-	40	100.0
C55	Uterus Unspecified	-	-	12	100.0	-	-	12	100.0
C56	Ovary	-	-	56	98.2	1	1.8	57	100.0
C57	Other Female Genital	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	-	-	-	-
C64	Kidney etc.	1	5.3	18	94.7	-	-	19	100.0
C65	Renal Pelvis	-	-	1	100.0	-	-	1	100.0
C66	Ureter	-	-	-	-	-	-	-	-
C67	Urinary Bladder	-	-	13	100.0	-	-	13	100.0
C68	Unspecified Urinary Organs	-	-	1	100.0	-	-	1	100.0
C69	Eye	-	-	1	100.0	-	-	1	100.0
C70-C72	Brain, Nervous System	1	7.1	13	92.9	-	-	14	100.0
C73	Thyroid	-	-	17	100.0	-	-	17	100.0
C74	Adrenal Gland	-	-	1	100.0	-	-	1	100.0
C81	Hodgkins Disease	-	-	5	100.0	-	-	5	100.0
C82-C86, C96	Non-Hodgkin lymphoma	-	-	28	100.0	-	-	28	100.0
C88	Maliglmn.Prol D	-	-	2	100.0	-	-	2	100.0
C90	Multiple Myeloma	-	-	12	100.0	-	-	12	100.0
C91	Lymphoid Leukaemia	-	-	21	100.0	-	-	21	100.0
C92-C94	Myeloid Leukaemia	-	-	17	100.0	-	-	17	100.0
C95	Leukaemia Unspecified	-	-	2	100.0	-	-	2	100.0
Other & Unspecified*		1	3.1	29	90.6	2	6.3	32	100.0
Total		12	1.3	914	98.1	6	0.6	932	100.0

* 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 note and DCO

Table 33: Number of cancer deaths by five year age group and site (ICD 10): 2017-2018
Males SAS 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-C02	Tongue	-	-	-	-	-	2	2	3	2	1	2	5	4	4	2	4	31	5.6
C03-C06	Mouth	-	-	-	-	-	1	1	1	2	2	3	4	10	4	3	3	34	6.1
C07-C08	Salivary Gland	-	-	-	-	-	1	-	-	-	-	-	-	2	-	-	1	4	0.7
C09	Tonsil	-	-	-	-	-	-	-	-	-	2	-	1	4	1	1	1	10	1.8
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	-	1	1	2	-	1	-	5	0.9
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-C13	Hypopharynx	-	-	-	-	-	-	-	-	1	-	1	4	1	4	1	2	14	2.5
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.2
C15	Oesophagus	-	-	-	-	-	-	-	1	2	4	8	7	17	8	4	2	53	9.5
C16	Stomach	-	-	-	-	-	-	1	-	-	-	3	1	4	1	1	-	11	2.0
C17	Small Intestine	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2	1	4	0.7
C18	Colon	-	-	-	-	-	-	1	-	2	1	-	-	3	3	2	2	14	2.5
C19-C20	Rectum	-	-	-	-	-	-	-	1	-	-	2	-	4	2	2	2	13	2.3
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	2	0.4
C22	Liver	-	-	-	-	-	-	-	-	-	2	3	5	7	5	7	2	31	5.6
C23-C24	Gallbladder etc.	-	-	-	-	-	-	-	-	-	-	2	1	3	3	4	3	16	2.9
C25	Pancreas	-	-	-	-	-	-	-	-	-	1	1	4	2	1	1	2	12	2.2
C30-C31	Nose, Sinuses etc.	-	-	-	-	-	-	-	-	1	-	1	-	-	2	-	1	5	0.9
C32	Larynx	-	-	-	-	-	-	-	-	-	-	4	5	6	2	3	-	20	3.6
C33-C34	Trachea, bronchus and lung	-	-	-	-	-	-	2	1	1	2	9	9	13	14	9	6	66	11.9
C37-C38	Other Thoracic Organs	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.2
C40-C41	Bone	-	-	2	2	1	-	1	-	-	-	2	-	-	-	-	-	8	1.4
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	0.4
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.2
C50	Breast	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	3	0.5
C60	Penis	-	-	-	-	-	-	-	-	1	-	-	1	-	-	1	-	3	0.5
C61	Prostate	-	-	-	-	-	-	-	-	-	2	1	-	3	7	7	17	37	6.7
C62	Testis	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	0.2
C63	Other Male Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	0.2
C64	Kidney etc.	-	-	-	-	-	-	-	-	-	1	-	1	2	1	-	2	7	1.3
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Urinary Bladder	-	-	-	-	-	-	-	-	3	-	3	6	2	5	5	3	27	4.9
C68	Unspecified Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-C72	Brain, Nervous System	-	-	-	-	1	-	1	-	1	2	3	3	1	1	-	1	14	2.5
C73	Thyroid	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.2
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.2
C81	Hodgkins Disease	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	1	3	0.5
C82-C86, C96	Non-Hodgkin Lymphoma	-	-	-	1	-	-	1	1	-	4	1	5	3	1	6	-	23	4.1
C88	Malignant Prol D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple Myeloma	-	-	-	-	-	-	-	-	-	1	4	1	3	3	2	1	15	2.7
C91	Lymphoid Leukaemia	-	-	-	1	2	-	1	-	2	-	-	-	-	-	1	1	8	1.4
C92-C94	Myeloid Leukaemia	-	-	1	-	-	-	-	-	1	1	1	-	2	1	1	-	8	1.4
C95	Leukaemia Unspecified	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.2
Other and Unspecified*		-	-	-	1	-	-	-	-	-	8	4	3	3	12	7	7	45	8.1
Total		1	-	4	5	4	4	11	8	21	36	61	68	102	87	74	70	556	100

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

Table 34: Number of cancer deaths by five year age group and site (ICD 10): 2017-2018**Females SAS 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-C02	Tongue	-	-	-	-	-	-	1	-	-	1	2	-	2	2	2	2	12	2.9
C03-C06	Mouth	-	-	-	-	-	-	1	-	1	-	-	1	-	-	-	-	3	0.7
C07-C08	Salivary Gland	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.2
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	4	1.0
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-C13	Hypopharynx	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	3	0.7
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	2	0.5
C15	Oesophagus	-	-	-	-	-	-	-	-	1	6	-	2	2	4	4	2	21	5.0
C16	Stomach	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	3	0.7
C17	Small Intestine	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	2	0.5
C18	Colon	-	-	-	-	-	-	-	-	-	2	1	1	1	3	-	1	9	2.1
C19-C20	Rectum	-	-	-	-	-	1	-	1	1	-	-	2	-	1	2	-	8	1.9
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.2
C22	Liver	-	-	-	-	-	-	-	-	1	1	1	2	2	4	-	1	12	2.9
C23-C24	Gallbladder etc.	-	-	-	-	-	-	1	2	3	1	3	5	6	3	4	3	31	7.4
C25	Pancreas	-	-	-	-	-	1	-	-	-	-	1	-	4	1	2	-	9	2.1
C30-C31	Nose, Sinuses etc.	-	-	-	-	-	-	-	-	-	1	1	-	-	1	1	-	4	1.0
C32	Larynx	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	3	0.7
C33-C34	Trachea, bronchus and lung	-	-	-	-	-	-	1	2	-	1	5	3	3	2	2	-	19	4.5
C37-C38	Other Thoracic Organs	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	2	0.5
C40-C41	Bone	-	-	-	-	-	-	1	-	-	-	1	-	-	1	-	-	3	0.7
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.2
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	-	-	-	-	-	-	-	-	-	-	1	-	2	1	-	1	5	1.2
C50	Breast	-	-	-	-	-	1	-	4	5	11	12	10	12	8	12	7	82	19.6
C51	Vulva	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	0.5
C52	Vagina	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	2	0.5
C53	Cervix Uteri	-	-	-	-	-	-	-	2	1	9	2	3	9	5	1	8	40	9.5
C54	Corpus Uteri	-	-	-	-	-	-	-	1	-	-	-	1	2	4	1	1	10	2.4
C55	Uterus Unspecified	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	2	0.5
C56	Ovary	-	-	-	-	-	2	-	1	5	8	2	8	5	2	3	4	40	9.5
C57	Other Female Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	-	-	-	-	-	-	-	-	-	1	2	-	-	-	1	-	4	1.0
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Urinary Bladder	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	2	0.5
C68	Unspecified Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-C72	Brain, Nervous System	-	1	-	-	-	-	-	-	-	-	-	5	1	-	-	-	7	1.7
C73	Thyroid	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	3	0.7
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.2
C81	Hodgkins Disease	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	2	0.5
C82-C86, C96	Non-Hodgkin lymphoma	-	-	-	-	-	-	-	-	-	1	-	1	2	1	4	2	11	2.6
C88	Malignant Prol D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0
C90	Multiple Myeloma	-	-	-	-	-	-	-	-	-	-	1	-	2	4	1	1	9	2.1
C91	Lymphoid Leukaemia	1	1	-	-	-	-	1	-	-	1	-	-	-	-	-	1	5	1.2
C92-C94	Myeloid Leukaemia	-	-	-	1	-	-	-	1	3	-	1	1	1	-	-	-	8	1.9
C95	Leukaemia Unspecified	1	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	4	1.0
Other & Unspecified*		-	-	-	-	-	-	-	-	2	2	5	3	3	3	4	5	27	6.4
Total		2	2	-	1	-	5	6	15	25	52	45	54	65	54	49	44	419	100

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

Table 35: Average annual Age Specific, Crude (CR), Age Adjusted (AAR) and Truncated (35-64 yrs) (TR) Mortality Rate per 100,000 Population: 2017-2018 – Males SAS Nagar district

ICD 10	0_4	5_9	10_14	15_19	20_24	25_29	30_34	35_39	40_44	45_49	50_54	55_59	60_64	65_69	70_74	75+	CR	AAR	TR
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-C02	-	-	-	-	-	1.9	2.2	3.3	2.5	1.5	3.9	15.5	12.0	13.5	7.9	14.7	2.3	2.9	5.6
C03-C06	-	-	-	-	-	1.0	1.1	1.1	2.5	3.1	5.8	12.4	29.9	13.5	11.9	11.1	2.6	3.4	7.7
C07-C08	-	-	-	-	-	1.0	-	-	-	-	-	6.0	-	-	-	3.7	0.3	0.4	0.8
C09	-	-	-	-	-	-	-	-	-	3.1	-	3.1	12.0	3.4	4.0	3.7	0.8	1.0	2.5
C10	-	-	-	-	-	-	-	-	-	-	1.9	3.1	6.0	-	4.0	-	0.4	0.5	1.5
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-C13	-	-	-	-	-	-	-	-	1.3	-	1.9	12.4	3.0	13.5	4.0	7.4	1.1	1.4	2.5
C14	-	-	-	-	-	-	-	-	-	-	1.9	-	-	-	-	-	0.1	0.1	0.3
C15	-	-	-	-	-	-	-	1.1	2.5	6.2	15.4	21.7	50.9	27.0	15.9	7.4	4.0	5.5	13.8
C16	-	-	-	-	-	-	1.1	-	-	-	5.8	3.1	12.0	3.4	4.0	-	0.8	1.1	2.9
C17	-	-	-	-	-	-	-	-	1.3	-	-	-	-	-	7.9	3.7	0.3	0.3	0.2
C18	-	-	-	-	-	-	1.1	-	2.5	1.5	-	-	9.0	10.1	7.9	7.4	1.1	1.3	2.0
C19-C20	-	-	-	-	-	-	-	1.1	-	-	3.9	-	12.0	6.8	7.9	7.4	1.0	1.2	2.4
C21	-	-	-	-	-	-	-	-	-	1.5	-	-	-	-	4.0	-	0.2	0.2	0.3
C22	-	-	-	-	-	-	-	-	-	3.1	5.8	15.5	20.9	16.9	27.8	7.4	2.3	3.1	6.2
C23-C24	-	-	-	-	-	-	-	-	-	-	3.9	3.1	9.0	10.1	15.9	11.1	1.2	1.5	2.2
C25	-	-	-	-	-	-	-	-	-	1.5	1.9	12.4	6.0	3.4	4.0	7.4	0.9	1.3	3.0
C30-C31	-	-	-	-	-	-	-	-	1.3	-	1.9	-	-	6.8	-	3.7	0.4	0.4	0.6
C32	-	-	-	-	-	-	-	-	-	-	7.7	15.5	18.0	6.8	11.9	-	1.5	2.2	5.6
C33-C34	-	-	-	-	-	-	2.2	1.1	1.3	3.1	17.4	28.0	38.9	47.3	35.8	22.1	5.0	6.6	12.5
C37-C38	-	-	-	-	-	-	-	-	-	-	1.9	-	-	-	-	-	0.1	0.1	0.3
C40-C41	-	-	1.3	1.4	0.8	-	1.1	-	-	-	3.9	-	-	-	-	-	0.6	0.6	0.6
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.4	0.2	0.1	-
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	-
C50	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4	-	7.4	0.2	0.2	-
C60	-	-	-	-	-	-	-	-	1.3	-	-	3.1	-	-	4.0	-	0.2	0.3	0.6
C61	-	-	-	-	-	-	-	-	-	3.1	1.9	-	9.0	23.7	27.8	62.7	2.8	3.2	2.1
C62	-	-	-	-	-	-	-	-	1.3	-	-	-	-	-	-	-	0.1	0.1	0.2
C63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.7	0.1	0.1	-
C64	-	-	-	-	-	-	-	-	-	1.5	-	3.1	6.0	3.4	-	7.4	0.5	0.7	1.5
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	3.8	-	5.8	18.6	6.0	16.9	19.9	11.1	2.0	2.6	4.8
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-C72	-	-	-	-	0.8	-	1.1	-	1.3	3.1	5.8	9.3	3.0	3.4	-	3.7	1.1	1.3	3.4
C73	-	-	-	-	-	-	-	-	-	-	-	-	3.0	-	-	-	0.1	0.1	0.4
C74	-	-	-	-	-	-	-	-	-	-	-	3.1	-	-	-	-	0.1	0.1	0.4
C81	-	-	-	-	-	-	-	-	-	1.5	-	-	-	3.4	-	3.7	0.2	0.3	0.3
C82-C86, C96	-	-	-	0.7	-	-	1.1	1.1	-	6.2	1.9	15.5	9.0	3.4	23.8	-	1.7	2.2	4.9
C88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	-	-	-	-	-	-	-	-	-	1.5	7.7	3.1	9.0	10.1	7.9	3.7	1.1	1.5	3.1
C91	-	-	-	0.7	1.6	-	1.1	-	2.5	-	-	-	-	-	4.0	3.7	0.6	0.6	0.5
C92-C94	-	-	0.6	-	-	-	-	-	1.3	1.5	1.9	-	6.0	3.4	4.0	-	0.6	0.7	1.6
C95	-	-	0.6	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	-
O&U*	-	-	-	0.7	-	-	-	-	-	12.4	7.7	9.3	9.0	40.6	27.8	25.8	3.4	4.2	6.0
Total	0.8	-	2.6	3.5	3.1	3.9	12.0	8.7	26.7	55.7	117.7	211.2	305.2	294.1	294.0	258.1	41.9	53.8	103.3

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

Table 36: Average annual Age Specific, Crude (CR), Age Adjusted (AAR) and Truncated (35-64 yrs) (TR) Mortality Rate per 100,000 Population: 2017-2018 – Females SAS Nagar district

ICD 10	0_4	5_9	10_14	15_19	20_24	25_29	30_34	35_39	40_44	45_49	50_54	55_59	60_64	65_69	70_74	75+	CR	AAR	TR
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-C02	-	-	-	-	-	-	1.1	-	-	1.7	4.8	-	5.4	6.2	9.5	7.7	1.0	1.2	1.8
C03-C06	-	-	-	-	-	-	1.1	-	1.4	-	-	3.1	-	-	-	-	0.2	0.3	0.7
C07-C08	-	-	-	-	-	-	-	-	-	1.7	-	-	-	-	-	-	0.1	0.1	0.3
C09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	-	-	-	-	-	-	-	-	-	-	-	-	-	6.2	4.8	3.9	0.3	0.4	-
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-C13	-	-	-	-	-	-	-	-	-	1.7	2.4	-	2.7	-	-	-	0.2	0.3	1.1
C14	-	-	-	-	-	-	-	-	-	-	-	3.1	2.7	-	-	-	0.2	0.2	0.7
C15	-	-	-	-	-	-	-	-	1.4	10.3	-	6.1	5.4	12.5	19.1	7.7	1.7	2.1	3.8
C16	-	-	-	-	-	-	-	-	1.4	1.7	-	-	-	-	-	3.9	0.2	0.3	0.6
C17	-	-	-	-	-	-	-	-	-	-	-	3.1	-	-	4.8	-	0.2	0.2	0.4
C18	-	-	-	-	-	-	-	-	-	3.4	2.4	3.1	2.7	9.4	-	3.9	0.7	0.9	1.8
C19-C20	-	-	-	-	-	1.0	-	1.1	1.4	-	-	6.1	-	3.1	9.5	-	0.7	0.8	1.3
C21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	-	0.1	0.1	-
C22	-	-	-	-	-	-	-	-	1.4	1.7	2.4	6.1	5.4	12.5	-	3.9	1.0	1.2	2.5
C23-C24	-	-	-	-	-	-	1.1	2.3	4.2	1.7	7.2	15.3	16.2	9.4	19.1	11.6	2.6	3.1	6.8
C25	-	-	-	-	-	1.0	-	-	-	-	2.4	-	10.8	3.1	9.5	-	0.7	0.9	1.8
C30-C31	-	-	-	-	-	-	-	-	-	1.7	2.4	-	-	3.1	4.8	-	0.3	0.4	0.7
C32	-	-	-	-	-	-	-	-	-	-	-	-	5.4	-	-	3.9	0.2	0.3	0.7
C33-C34	-	-	-	-	-	-	1.1	2.3	-	1.7	12.0	9.2	8.1	6.2	9.5	-	1.6	2.0	4.9
C37-C38	-	-	-	-	-	-	-	-	1.4	-	-	-	-	3.1	-	-	0.2	0.2	0.3
C40-C41	-	-	-	-	-	-	1.1	-	-	-	2.4	-	-	3.1	-	-	0.2	0.3	0.4
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	-	0.1	0.1	-
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	-	-	-	-	-	-	-	-	-	-	2.4	-	5.4	3.1	-	3.9	0.4	0.5	1.1
C50	-	-	-	-	-	1.0	-	4.5	7.0	18.9	28.7	30.6	32.5	25.0	57.2	27.1	6.8	8.3	18.7
C51	-	-	-	-	-	-	-	-	-	-	-	-	5.4	-	-	-	0.2	0.2	0.7
C52	-	-	-	-	-	-	-	-	-	-	2.4	-	-	3.1	-	-	0.2	0.2	0.4
C53	-	-	-	-	-	-	-	2.3	1.4	15.5	4.8	9.2	24.4	15.6	4.8	31.0	3.3	3.9	8.8
C54	-	-	-	-	-	-	-	1.1	-	-	-	3.1	5.4	12.5	4.8	3.9	0.8	1.0	1.3
C55	-	-	-	-	-	-	-	-	-	-	2.4	-	-	-	-	3.9	0.2	0.2	0.4
C56	-	-	-	-	-	2.0	-	1.1	7.0	13.8	4.8	24.5	13.5	6.2	14.3	15.5	3.3	4.0	9.9
C57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	-	-	-	-	-	-	-	-	-	1.7	4.8	-	-	-	4.8	-	0.3	0.4	1.1
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	-	-	3.1	-	-	4.8	-	0.2	0.2	0.4
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-C72	-	0.8	-	-	-	-	-	-	-	-	-	15.3	2.7	-	-	-	0.6	0.8	2.3
C73	-	-	-	-	-	-	-	-	-	1.7	-	6.1	-	-	-	-	0.2	0.3	1.1
C74	-	-	-	-	-	-	-	-	-	1.7	-	-	-	-	-	-	0.1	0.1	0.3
C81	-	-	-	-	-	-	-	1.1	-	-	-	-	-	-	-	3.9	0.2	0.1	0.2
C82-C86, C96	-	-	-	-	-	-	-	-	-	1.7	-	3.1	5.4	3.1	19.1	7.7	0.9	1.1	1.4
C88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	-	-	-	-	-	-	-	-	-	-	2.4	-	5.4	12.5	4.8	3.9	0.7	0.9	1.1
C91	1.0	0.8	-	-	-	-	1.1	-	-	1.7	-	-	-	-	-	3.9	0.4	0.4	0.3
C92-C94	-	-	-	0.8	-	-	-	1.1	4.2	-	2.4	3.1	2.7	-	-	-	0.7	0.7	2.2
C95	1.0	-	-	-	-	-	-	-	-	1.7	2.4	3.1	-	-	-	-	0.3	0.5	1.1
O&U*	-	-	-	-	-	-	-	-	2.8	3.4	12.0	9.2	8.1	9.4	19.1	19.4	2.2	2.7	5.4
Total	2.0	1.6	-	0.8	-	5.0	6.4	16.9	35.2	89.5	107.6	165.4	176.0	168.7	233.8	170.3	34.8	41.9	88.8

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

19. Paediatric cancer incidence tables as per ICCC-3 standard

Table 37: Number of cases in paediatric age-group, incidence rate per million population: 2017-2018 (Both sex)

ICCC	Site	0-4	5-9	10-14	15-19	0-14	0-19	Percentage (0-14)		Percentage (0-19)		Age-specific rate per 1,000,000				AAR		Cumulative		MV %
								All	Group	All	Group	0-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19	
I	LEUKAEMIA	7	7	2	6	16	22	55.2	100	47.8	100	31.6	25.3	6.8	22.5	22.3	22.4	3144	2322	100
a.	Lymphoid	4	4	2	4	10	14	34.5	62.5	30.4	63.6	18.0	14.5	6.8	15.0	13.6	13.9	5094	3685	100
b.	Acute myeloid	2	1	-	1	3	4	10.3	18.8	8.7	18.2	9.0	3.6	-	3.8	4.7	4.5	15836	12206	100
c.	CMD	-	1	-	-	1	1	3.4	6.3	2.2	4.5	-	3.6	-	-	1.2	0.9	55362	55362	100
d.	MDS & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e.	Unspecified	1	1	-	1	2	3	6.9	12.5	6.5	13.6	4.5	3.6	-	3.8	2.9	3.1	24627	16840	100
II	LYMPHOMA & RELATED	-	1	2	3	3	6	10.3	100	13.0	100	-	3.6	6.8	11.3	3.1	5.0	19248	9235	100
a.	Hodgkin	-	1	1	2	2	4	6.9	66.7	8.7	66.7	-	3.6	3.4	7.5	2.1	3.4	28564	13782	100
b.	Non-Hodgkin except BL	-	-	-	1	-	1	-	-	2.2	16.7	-	-	-	3.8	-	0.8	-	53260	100
c.	Burkitt (BL)	-	-	1	-	1	1	3.4	33.3	2.2	16.7	-	-	3.4	-	1.0	0.8	59011	59011	100
d.	Lymphoreticular	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e.	Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III	CNS NEOPLASMS	-	1	-	1	1	2	3.4	100	4.3	100	-	3.6	-	3.8	1.2	1.7	55362	27145	100
a.	Ependymoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b.	Astrocytoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c.	CNS embryonal	-	1	-	-	1	1	3.4	100	2.2	50.0	-	3.6	-	-	1.2	0.9	55362	55362	100
d.	Other gliomas	-	-	-	1	-	1	0.0	0.0	2.2	50.0	-	-	-	3.8	-	0.8	0.0	53260	100
e.	Other specified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f.	Unspecified CNS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	NEUROBLASTOMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
a.	(Ganglio)neuroblastoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b.	Peripheral nervous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V	RETINOBLASTOMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VI	RENAL TUMOURS	-	1	-	-	1	1	3.4	100	2.2	100	-	3.6	-	-	1.2	0.9	55362	55362	100
a.	Nephroblastoma	-	1	-	-	1	1	3.4	100	2.2	100	-	3.6	-	-	1.2	0.9	55362	55362	100
b.	Renal carcinoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c.	Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII	HEPATIC TUMOURS	1	-	-	-	1	1	3.4	100	2.2	100	4.5	-	-	-	1.7	1.4	44359	44359	0.0
a.	Hepatoblastoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b.	Hepatic carcinoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c.	Unspecified	1	-	-	-	1	1	3.4	100	2.2	100	4.5	-	-	-	1.7	1.4	44359	44359	0.0
VIII	BONE TUMOURS	-	-	3	3	3	6	10.3	100	13.0	100	-	-	10.2	11.3	3.0	4.8	19671	9332	100
a.	Osteosarcoma	-	-	1	2	1	3	3.4	33.3	6.5	50.0	-	-	3.4	7.5	1.0	2.5	59011	18350	100
b.	Chondrosarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c.	Ewing & related	-	-	2	1	2	3	6.9	66.7	6.5	50.0	-	-	6.8	3.8	2.0	2.4	29506	18987	100
d.	Other specified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e.	Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IX	SOFT TISSUE SARCOMA	3	-	-	3	3	6	10.3	100	13.0	100	13.5	-	-	11.3	5.2	6.6	14787	8068	100
a.	Rhabdomyosarcoma	2	-	-	-	2	2	6.9	66.7	4.3	33.3	9.0	-	-	-	3.5	2.7	22180	22180	100
b.	Fibrosarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c.	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d.	Other specified	1	-	-	3	1	4	3.4	33.3	8.7	66.7	4.5	-	-	11.3	1.7	3.9	44359	12679	100
e.	Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
X	GERM CELL TUMOURS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
a.	CNS germ cell	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b.	Other extragonadal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c.	Gonadal germ cell	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d.	Gonadal carcinoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e.	Unspecified gonadal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XI	CARCINOMA & MELANOMA	-	1	-	1	1	2	3.4	100	4.3	100	-	3.6	-	3.8	1.2	1.7	55362	27145	100
a.	Adrenocortical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b.	Thyroid	-	-	-	1	-	1	-	-	2.2	50.0	-	-	-	3.8	-	0.8	-	53260	100
c.	Nasopharyngeal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d.	Melanoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e.	Skin carcinoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f.	Other & unspecified	-	1	-	-	1	1	3.4	100	2.2	50.0	-	3.6	-	-	1.2	0.9	55362	55362	0
XII	OTHER & UNSPECIFIED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
a.	Other specified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b.	Other unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total		11	11	7	17	29	46	100	100	100	100	49.6	39.7	23.7	63.8	38.9	44.5	1769	1131	97.8

Table 38: Number of cases in paediatric age-group, incidence rate per million population: 2017-2018 (By gender)

ICCC	Site	Males								Females									
		Number of cases in age groups						AAR per million		M/F Ratio	Number of cases in age groups						AAR per million		
		0-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19		0-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19	
I	LEUKAEMIA	4	3	2	4	9	13	22.9	24.1	1.3	1.4	3	4	-	2	7	9	21.7	20.5
a.	Lymphoid	3	-	2	3	5	8	13.3	15.0	1.0	1.3	1	4	-	1	5	6	14.0	12.7
b.	Acute myeloid	-	1	-	-	1	1	2.2	1.7	0.5	0.3	2	-	-	1	2	3	7.7	7.8
c.	CMD	-	1	-	-	1	1	2.2	1.7	0.0	0.0	-	-	-	-	-	-	-	-
d.	MDS & other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e.	Unspecified	1	1	-	1	2	3	5.3	5.7	0.0	0.0	-	-	-	-	-	-	-	-
II	LYMPHOMA & RELATED	-	1	1	2	2	4	4.0	6.3	2.0	2.0	-	-	1	1	1	2	2.1	3.4
a.	Hodgkin	-	1	1	1	2	3	4.0	4.7	2.0	3.0	-	-	-	1	1	1	0.0	1.8
b.	Non-Hodgkin except BL	-	-	-	1	-	1	0.0	1.6	0.0	0.0	-	-	-	-	-	-	-	-
c.	Burkitt (BL)	-	-	-	-	-	-	-	-	0.0	0.0	-	-	1	-	-	1	2.1	1.6
d.	Lymphoreticular	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e.	Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III	CNS NEOPLASMS	-	-	-	-	-	-	-	-	0.0	0.0	-	1	-	1	1	2	2.5	3.8
a.	Ependymoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b.	Astrocytoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c.	CNS embryonal	-	-	-	-	-	-	-	-	0.0	0.0	-	1	-	-	1	1	2.5	2.0
d.	Other gliomas	-	-	-	-	-	-	-	-	-	0.0	-	-	-	1	-	1	0.0	1.8
e.	Other specified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f.	Unspecified CNS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IV	NEUROBLASTOMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
a.	(Ganglio)neuroblastoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b.	Peripheral nervous	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V	RETINOBLASTOMA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VI	RENAL TUMOURS	-	-	-	-	-	-	-	-	0.0	0.0	-	1	-	-	1	1	2.5	2.0
a.	Nephroblastoma	-	-	-	-	-	-	-	-	0.0	0.0	-	1	-	-	1	1	2.5	2.0
b.	Renal carcinoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c.	Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII	HEPATIC TUMOURS	1	-	-	-	1	1	3.2	2.5	0.0	0.0	-	-	-	-	-	-	-	-
a.	Hepatoblastoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b.	Hepatic carcinoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c.	Unspecified	1	-	-	-	1	1	3.2	2.5	0.0	0.0	-	-	-	-	-	-	-	-
VIII	BONE TUMOURS	-	-	3	2	3	5	5.6	7.5	0.0	5.0	-	-	-	1	-	1	0.0	1.8
a.	Osteosarcoma	-	-	1	1	1	2	1.9	3.0	0.0	2.0	-	-	-	1	-	1	0.0	1.8
b.	Chondrosarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c.	Ewing & related	-	-	2	1	2	3	3.7	4.5	0.0	0.0	-	-	-	-	-	-	-	-
d.	Other specified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e.	Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IX	SOFT TISSUE SARCOMA	2	-	-	1	2	3	6.4	6.5	2.0	1.0	1	-	-	2	1	3	3.9	6.6
a.	Rhabdomyosarcoma	1	-	-	-	1	1	3.2	2.5	1.0	1.0	1	-	-	-	1	1	3.9	3.0
b.	Fibrosarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c.	Kaposi sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d.	Other specified	1	-	-	1	1	2	3.2	4.0	0.0	1.0	-	-	-	2	-	2	0.0	3.6
e.	Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
X	GERM CELL TUMOURS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
a.	CNS germ cell	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b.	Other extragonadal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c.	Gonadal germ cell	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d.	Gonadal carcinoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e.	Unspecified gonadal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XI	CARCINOMA & MELANOMA	-	-	-	1	-	1	0.0	1.6	0.0	1.0	-	1	-	-	1	1	2.5	2.0
a.	Adrenocortical	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b.	Thyroid	-	-	-	1	1	1	0.0	1.6	0.0	0.0	-	-	-	-	-	-	-	-
c.	Nasopharyngeal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d.	Melanoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e.	Skin carcinoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f.	Other & unspecified	-	-	-	-	-	-	-	-	0.0	0.0	-	1	-	-	1	1	2.5	2.0
XII	OTHER & UNSPECIFIED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
a.	Other specified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b.	Other unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total	7	4	6	10	17	27	42.1	48.3	1.4	1.4	4	7	1	7	12	19	35.3	40.1

20. Administrative block-wise incidence and mortality cases: 2013-2018

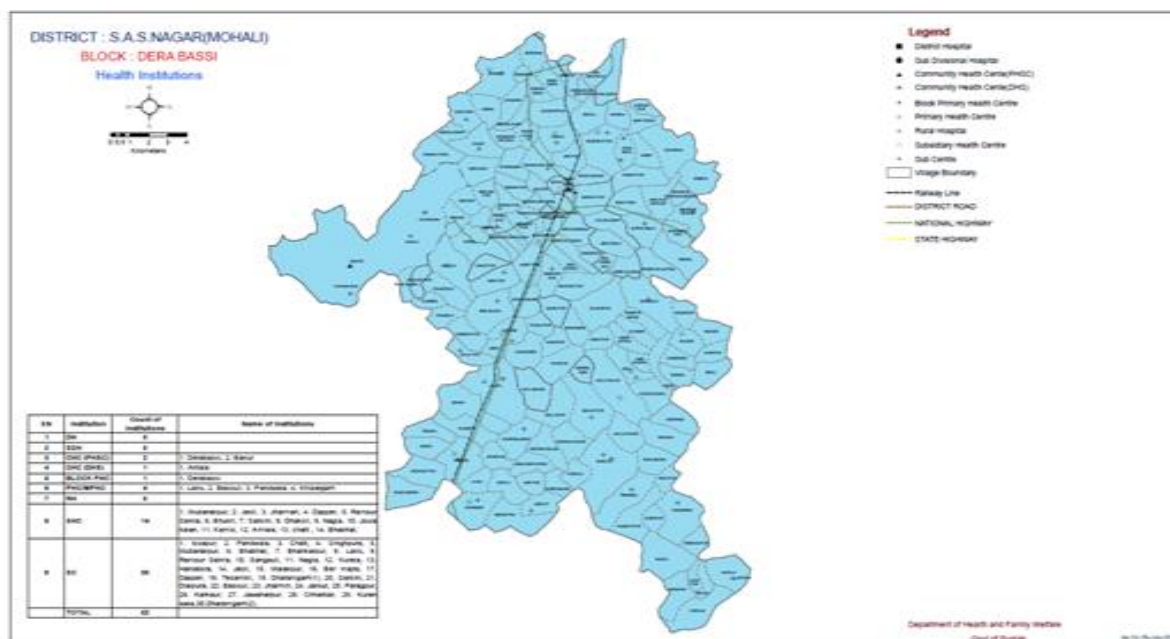
S.A.S Nagar urban ward and sector wise cancer incidence cases and mortality cases: SAS Nagar district



Urban Area	Incidence (2013-2018)			Mortality (2013-2018)		
	Male	Female	Total	Male	Female	Total
Sector-73	1	0	1	1	0	1
Sector-74	2	3	5	2	2	4
Sector-60	3	4	7	3	2	5
Sector-66	12	13	25	7	3	10
Sector-68	33	34	67	18	11	29
Sector-80	5	6	11	2	2	4
Sector-110	2	0	2	1	0	1
Sector-111	0	3	3	0	2	2
Sector-114	0	1	1	0	0	0
Sector-115	0	1	1	0	0	0
Sector-70	57	61	118	36	16	52
Sector-69	19	17	36	7	6	13
Sector-71	43	41	84	17	15	32
Sector-78	5	9	14	3	4	7
Sector-62	1	0	1	1	0	1

Urban Area	Incidence (2013-2018)			Mortality (2013-2018)		
	Male	Female	Total	Male	Female	Total
Sector-61	2	2	4	1	0	1
Sector-52	0	1	1	0	0	0
Sector-53	1	1	2	0	1	1
Phase-1	37	69	106	19	24	43
Sector-59	1	2	3	1	0	1
Sector-55	0	1	1	0	0	0
Sector-58	0	1	1	0	0	0
Sector-57	3	1	4	1	1	2
Phase-2	25	31	56	14	15	29
Phase-3B1	18	35	53	9	15	24
Phase-3B2	14	28	42	9	15	24
Phase-3	4	6	10	3	4	7
Phase-4	31	38	69	11	17	28
Phase-5	19	44	63	5	19	24
Phase-6	25	18	43	16	7	23
Phase-7	55	75	130	25	17	42
Phase-8	1	3	4	1	2	3
Phase-9	26	31	57	12	17	29
Phase-10	48	55	103	25	18	43
Phase-11	54	66	120	29	24	53
Industrial Area-6	0	1	1	0	0	0
Industrial Area -7	0	0	0	1	0	1
Industrial Area-8B	3	2	5	3	2	5
Sector-67	14	15	29	5	4	9
Sector-77	1	6	7	0	1	1
Sector-79	3	14	17	0	3	3
Sector-48	3	3	6	0	0	0
Sector-63	2	2	4	1	1	2
Sector-118	2	2	4	0	0	0
Sector-81	2	1	3	1	0	1
Sector-91	5	9	14	3	1	4
Phase- 3A	8	7	15	4	4	8
Sector-65	5	5	10	1	1	2
Sector-64	1	1	2	0	1	1
Sector-117	4	2	6	0	0	0
Sector-104	2	2	4	1	0	1
Sector-83	0	1	1	0	0	0
Sector-116	1	1	2	0	0	0
Total	603	775	1378	299	277	576

Ward-wise and village-wise cancer incidence cases and mortality Derabassi Block, SAS Nagar district



Village name	Incidence (2013-2018)			Mortality (2013-2018)		
	Male	Female	Total	Male	Female	Total
Derrabassi urban						
Derabassi	55	57	112	36	27	63
Ward-01	0	1	1	0	0	0
Ward-02	3	2	5	2	0	2
Ward-03	3	0	3	2	0	2
Ward-04	1	2	3	1	2	3
Ward-06	0	1	1	0	0	0
Ward-07	0	2	2	0	0	0
Ward-09	1	1	2	1	1	2
Ward-10	4	3	7	3	2	5
Ward-11	0	1	1	0	1	1
Ward-12	1	0	1	0	0	0
Zirakpur urban						
Zirakpur	196	219	415	97	75	172
Ward-01	0	1	1	0	1	1
Ward-04	1	0	1	0	0	0
Ward-05	0	1	1	0	0	0
Ward-06	1	0	1	1	0	1
Ward-09	1	1	2	1	1	2
Ward-11	1	3	4	0	1	1
Ward-14	0	1	1	0	0	0

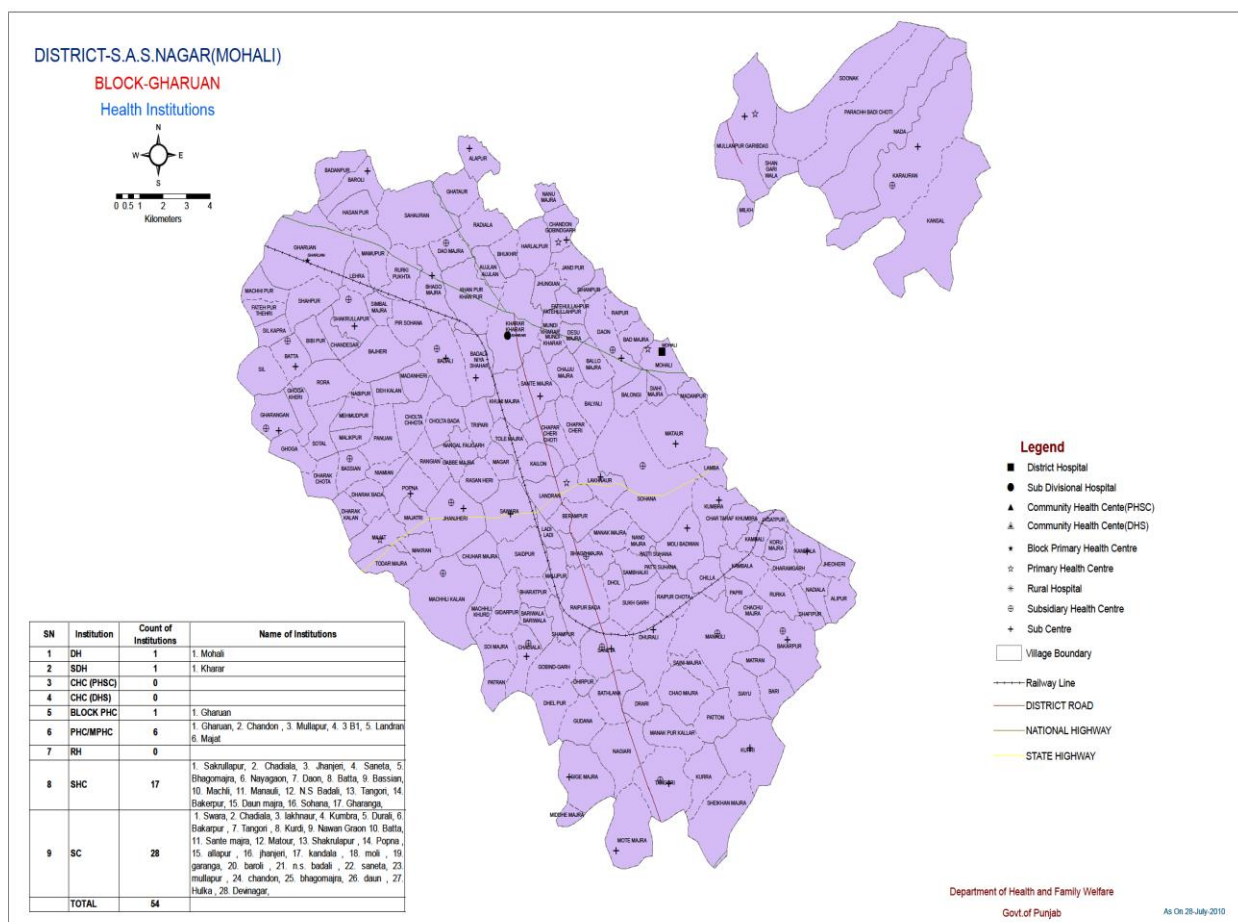
Village name	Incidence (2013-2018)			Mortality (2013-2018)		
	Male	Female	Total	Male	Female	Total
Banur urban						
Banur	12	8	20	9	5	14
Ward-01	2	2	4	2	1	3
Ward-02	0	2	2	0	1	1
Ward-03	3	0	3	4	1	5
Ward-04	1	3	4	1	2	3
Ward-05	3	2	5	2	0	2
Ward-06	1	2	3	1	1	2
Ward-07	0	0	0	0	1	1
Ward-08	2	3	5	1	1	2
Ward-09	1	1	2	1	0	1
Ward-10	1	0	1	1	0	1
Ward-11	1	0	1	1	0	1
Ward-12	0	4	4	0	1	1
Ward-13	0	2	2	0	0	0
Derrabassi villages						
Adde Jhugia	0	2	2	0	1	1
Aganpur	1	1	2	1	1	2
Alamgir	2	1	3	1	1	2
AmbChhapa	0	3	3	0	2	2
Amlala	4	9	13	2	5	7
Antala	5	0	5	4	0	4
Azizpur	0	6	6	0	2	2
Azizpur	0	0	0	0	1	1
Badana	1	3	4	1	2	3
Bair Majra	2	0	2	0	0	0
Bakarpur	3	2	5	1	3	4
Ballopur	2	2	4	2	1	3
Baltana	73	66	139	34	29	63
Bartana	1	1	2	0	1	1
Basauli	3	6	9	4	3	7
Basma	1	2	3	1	1	2
Bassi	1	0	1	1	0	1
Batoli	4	3	7	2	1	3
Behra	1	0	1	1	0	1
Bhagsi	1	2	3	1	0	1
Bhagwanpura	0	5	5	1	2	3
Bhagwasi	1	2	3	1	0	1
Bhankarpur	10	13	23	6	4	10
Bhukhri	1	1	2	1	1	2
Bijanpur	5	4	9	3	3	6
Broli	1	3	4	1	2	3
Budhanpur	1	5	6	1	2	3

Village name	Incidence (2013-2018)			Mortality (2013-2018)		
	Male	Female	Total	Male	Female	Total
Buta Singh Wala	4	6	10	3	3	6
Chandheri	4	2	6	2	1	3
Chandiala	1	1	2	1	0	1
Chhat	5	10	15	2	6	8
Daffarpur	6	2	8	3	1	4
Dappar	6	6	12	5	4	9
Dayalpura	5	7	12	1	6	7
Dehar	4	0	4	2	0	2
Devi Nagar	4	5	9	3	3	6
Dhakoli	36	29	65	14	5	19
Dhanoni	1	2	3	0	0	0
Dharamgarh	10	13	23	7	6	13
Dire Majra	0	1	1	0	4	4
Fatehpur (197)	1	0	1	1	0	1
Fatehpur Bera	1	2	3	1	0	1
Fatehpur Jattan	4	1	5	3	1	4
Gazipur	3	2	5	0	2	2
Gholumajra	3	3	6	4	2	6
Haibatpur	2	6	8	1	1	2
Handesra	0	2	2	0	1	1
Haripu Kura	2	2	4	0	2	2
Haripur Hinduan	1	2	3	0	2	2
Hmayunpur	3	7	10	3	7	10
Hussanpur	2	2	4	2	2	4
Issapur (39)	2	3	5	0	0	0
Jagadhrai (Dera)	1	0	1	0	0	0
Jalalpur	2	1	3	2	1	3
Jandili	2	0	2	1	0	1
Janetpur	0	2	2	0	0	0
Jangpura	2	2	4	3	2	5
Jaraut	5	5	10	3	4	7
Jarvat	0	2	2	0	2	2
Jastana Kalan	2	0	2	2	0	2
Jastana Khurd	4	0	4	2	0	2
Jaula Kalan	4	5	9	5	4	9
Jaula Khurd	1	0	1	1	0	1
Jawaharpur	4	2	6	3	1	4
Jharmari	2	2	4	1	1	2
Jhawansan	1	0	1	1	0	1
Jhourheri	0	2	2	0	1	1
Jolly	0	4	4	0	2	2
Kakrali	3	2	5	2	3	5
Kallali	4	1	5	3	0	3
Karala	1	1	2	1	1	2

Village name	Incidence (2013-2018)			Mortality (2013-2018)		
	Male	Female	Total	Male	Female	Total
Karali	1	0	1	1	0	1
Karkaur	3	1	4	3	0	3
Kasauli	1	0	1	1	0	1
Khalaur	1	2	3	1	1	2
KhanpurBangar	2	1	3	1	1	2
Khaspur	3	1	4	2	0	2
Khellan	5	8	13	4	7	11
Kheri	1	3	4	0	2	2
KheriGujran	7	1	8	7	1	8
KheriJattan	3	1	4	3	0	3
Khizargarh	1	1	2	1	1	2
Kudari	0	1	1	0	0	0
Kuranwala	6	2	8	6	2	8
Kurli	4	0	4	3	1	4
Lalru	24	17	41	12	3	15
Lalru Mandi	9	16	25	7	6	13
Lehli	2	4	6	1	4	5
Lohgarh	4	10	14	1	3	4
Magra	1	1	2	2	2	4
Malikpur	1	5	6	1	2	3
Mallan	1	0	1	2	0	2
Manoli Surat	5	0	5	4	0	4
Mathiaran	2	1	3	3	1	4
Mehmadpur	1	0	1	1	0	1
Mianpur	5	4	9	4	4	8
Mirpur	5	3	8	6	4	10
Mirpur (156)	2	1	3	0	0	0
MorThikri	1	1	2	1	1	2
MubarikPur	18	17	35	16	11	27
Mukandpur	3	1	4	2	0	2
Nabha	6	3	9	4	1	5
Nagla (168)	2	4	6	1	3	4
Nagla (51)	2	3	5	1	2	3
Nimbuan	4	4	8	2	3	5
Pandwala	5	2	7	6	2	8
Paragpur	2	3	5	1	1	2
Phabat	14	14	28	8	3	11
PirMachaila	5	11	16	3	1	4
PragPur	2	1	3	2	0	2
Punsar	1	0	1	1	0	1
Rajapur	1	0	1	2	0	2
Rajomajra	1	0	1	1	1	2
Ramgarh Rurki	3	4	7	2	1	3
Rampur Bahal	2	2	4	2	1	3

Village name	Incidence (2013-2018)			Mortality (2013-2018)		
	Male	Female	Total	Male	Female	Total
Rampur Bhudha	1	0	1	1	0	1
Rampur Kalan	2	1	3	1	0	1
Rampur Sainia	4	8	12	2	3	5
Rani Majra	6	6	12	2	3	5
Sadhanpur	1	1	2	1	1	2
Saidpura	7	7	14	6	3	9
Samgoli	6	4	10	3	3	6
Sanauli	2	2	4	1	2	3
Sangotha	1	1	2	1	0	1
Sarangpur	0	1	1	0	2	2
Sarsini	2	3	5	2	1	3
Seoli	1	3	4	1	2	3
Shakti Nagar	0	2	2	0	0	0
Singhpura	7	2	9	4	2	6
Sitabgarh	0	1	1	0	0	0
Sundran	1	7	8	0	4	4
Tarrak	2	0	2	1	0	1
Tasimbli	8	4	12	9	4	13
Taupapur	0	1	1	0	0	0
Tiwana	1	1	2	1	1	2
Trivedi Camp	5	4	9	3	4	7
Total	796	827	1623	496	385	881

Ward-wise and village-wise cancer incidence cases and mortality cases of Gharuan Block: SAS Nagar district



Urban Area	Incidence (2013-2018)			Mortality (2013-2018)		
	Male	Female	Total	Male	Female	Total
Kharar urban						
Kharar	157	195	352	84	73	157
Ward No.1	4	3	7	3	0	3
Ward No.2	3	3	6	1	0	1
Ward No.4	1	1	2	1	1	2
Ward No.5	1	2	3	0	1	1
Ward No.6	3	2	5	2	2	4
Ward No.7	1	4	5	1	1	2
Ward No.8	2	5	7	1	4	5
Ward No.9	1	1	2	0	0	0
Ward No.10	4	5	9	2	3	5
Ward No.11	4	4	8	1	2	3
Ward No.12	3	4	7	3	1	4
Ward No.13	6	5	11	2	2	4
Ward No.14	2	0	2	1	0	1
Ward No.15	1	2	3	0	0	0

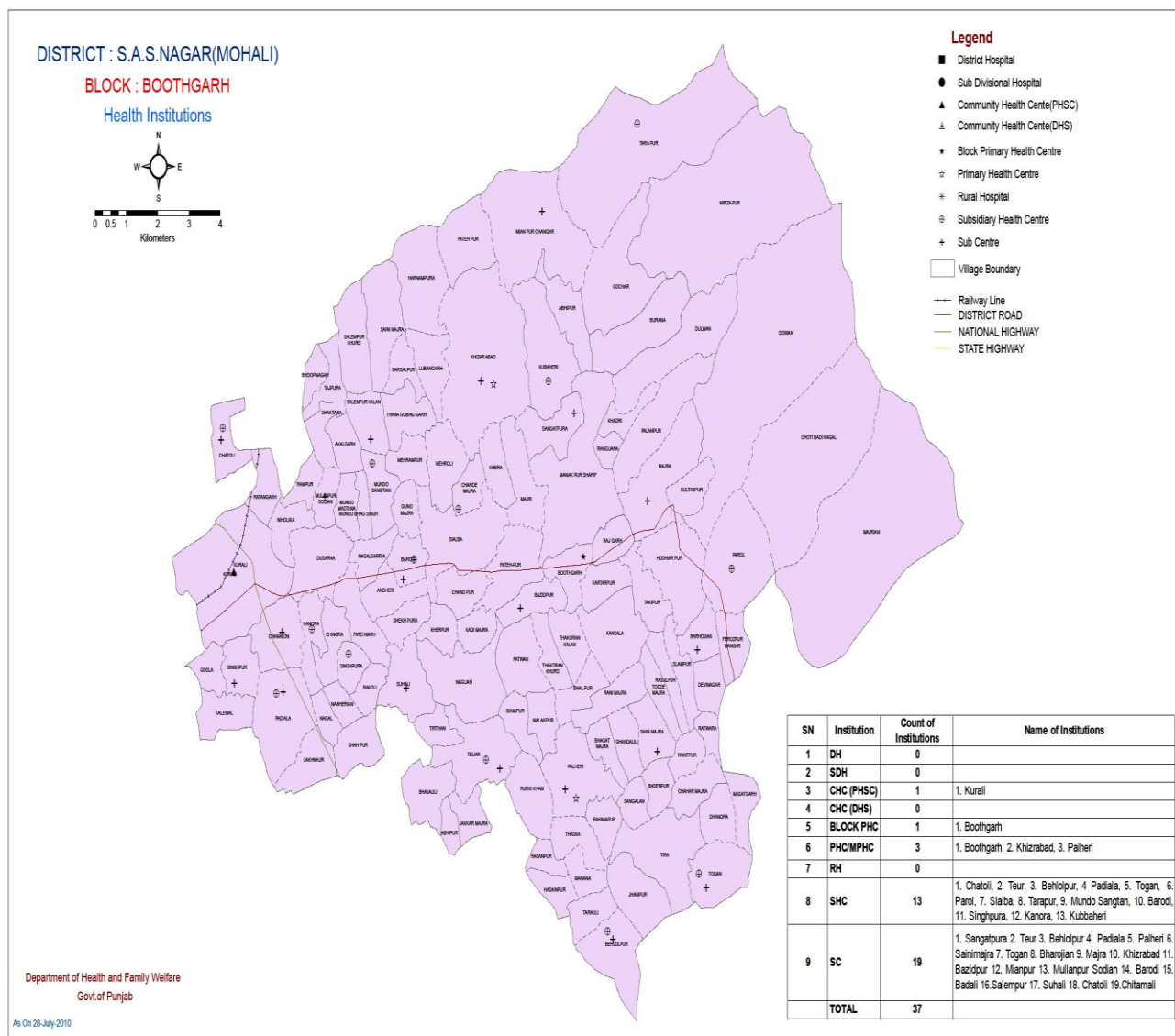
Village name	Incidence (2013-2018)			Mortality (2013-2018)		
	Male	Female	Total	Male	Female	Total
Nayagoan urban						
Naya Gaon	110	102	212	64	43	107
Ward-02	1	0	1	0	0	0
Ward-04	2	0	2	1	0	1
Ward-12	1	0	1	1	0	1
Ward-15	0	1	1	0	0	0
Kharar villages						
Abrama	1		1	1	0	1
Akalagarh	1	1	2	1	1	2
Allahpur	0	4	4	0	0	0
Badala	0	5	5	0	3	3
Badali	5	2	7	2	1	3
Badmajra	12	5	17	8	4	12
Bajheri	3	1	4	4	1	5
Bakarpur	1	1	2	0	1	1
Ballomajra	3	4	7	2	0	2
Balongi	24	29	53	17	12	29
Balongi Colony	2	5	7	2	1	3
Balyali	1	3	4	2	2	4
Bansepur	2	0	2	1	0	1
Bari	0	1	1	0	0	0
Baroli	4	8	12	3	3	6
Bassian	0	1	1	0	1	1
Bathlana	3	1	4	2	0	2
Batta	3	2	5	1	0	1
Berampur	0	1	1	0	0	0
Bhagomajra	7	10	17	5	3	8
Bhajauli	3	4	7	2	3	5
Bharatpur	2	0	2	2	0	2
Bhukhri	3	1	4	2	0	2
ChachuMajra	5	5	10	4	4	8
Chadiala	3	3	6	1	2	3
ChandonGobindgarh	1	0	1	0	1	1
Chao Majra	1	1	2	1	0	1
ChapperChiri Kalan	1	2	3	1	1	2
ChapperChiri Khurd	1	1	2	1	0	1
ChhajuMajra	6	5	11	4	3	7
Chilla	1	4	5	1	2	3
Cholta Bada	0	2	2	0	1	1
CholtaChhota	0	1	1	0	1	1
Cholta Kalan	3	2	5	2	1	3
ChuharMajra	1	2	3	0	1	1
Dao Majra	2	4	6	1	1	2
Daon	5	9	14	4	3	7

Village name	Incidence (2013-2018)			Mortality (2013-2018)		
	Male	Female	Total	Male	Female	Total
Deh Kalan	1	0	1	1	0	1
DeshuMajar	9	14	23	3	6	9
Dhabali	1	2	3	1	1	2
Dhadakkalan	4	1	5	4	1	5
Dhelpur	4	1	5	3	1	4
Dhirpur	1	1	2	1	0	1
Dhurali	3	10	13	0	7	7
Fatehpur Theri	2	1	3	2	0	2
GabbeMajra	1	0	1	1	0	1
Garangan	5	5	10	1	3	4
Gharuan	14	18	32	7	11	18
Ghataur	4	4	8	3	1	4
Ghoga	0	1	1	0	1	1
Gidderpur	1	1	2	0	0	0
GigeMajra	4	2	6	3	2	5
Gobindgarh	7	2	9	7	2	9
Goslan	1	0	1	1	0	1
Gudana	2	4	6	0	1	1
Harlalpur	3	2	5	3	2	5
Hulka	4	4	8	3	3	6
Jagatpura	4	12	16	2	8	10
Jandpur	8	3	11	4	3	7
Jhanjheri	2	3	5	3	3	6
Jhungian	1	2	3	2	0	2
Jujar Nagar	7	1	8	6	0	6
Kadri	0	0	0	0	1	1
Kailon	0	1	1	0	1	1
Kalewal	2	4	6	1	1	2
Kambala	0	1	1	1	0	1
Kambali	1	4	5	1	1	2
Kandala	3	2	5	3	1	4
Kansal	17	24	41	7	9	16
Karauran	1	1	2	1	1	2
Kator	0	1	1	0	1	1
Khanpur	7	13	20	3	4	7
KhuniMajra	2	2	4	1	1	2
Kumbra	6	6	12	3	4	7
Kurri	4	3	7	2	1	3
Lakhnaur	10	8	18	3	5	8
Landran	3	5	8	2	2	4
Machhipur	1	0	1	0	0	0
Machhli Kalan	10	6	16	6	3	9
Madanheri	3	1	4	2	1	3
Magar	1	0	1	1	0	1

Village name	Incidence (2013-2018)			Mortality (2013-2018)		
	Male	Female	Total	Male	Female	Total
Majat	0	3	3	0	2	2
Majatri	2	1	3	1	0	1
Makran	1	0	1	1	0	1
Malikpur	1	4	5	1	5	6
Mamupur	2	3	5	0	1	1
Manak Majra	2	1	3	3	0	3
ManakpurKallan	1	2	3	1	1	2
Manauli	6	9	15	2	4	6
Masaul	0	2	2	0	1	1
Matran	2	0	2	1	1	2
Maujpur	0	2	2	0	0	0
Middhemajra	0	1	1	0	1	1
Milkh	1	3	4	1	1	2
MoliBaidwan	3	2	5	4	3	7
Mote Majra	2	2	4	1	1	2
Mullanpur (Garibdas)	24	29	53	14	11	25
Mundi Kharar	24	30	54	9	14	23
Nabipur	0	1	1	0	1	1
Nada	8	4	12	5	1	6
Nadiali	5	4	9	4	2	6
Naggal	2	1	3	1	1	2
Nagiari	2	4	6	2	2	4
Nano Majra	2	2	4	2	2	4
Naya Shahar	2	3	5	2	3	5
Niamian	2	0	2	1	0	1
Padiala	3	2	5	4	3	7
Panuan	6	1	7	3	0	3
Papri	1	1	2	1	0	1
Parch	5	3	8	4	3	7
Patran	1	0	1	1	0	1
Patton	2	2	4	1	1	2
Phantwan	0	2	2	0	2	2
PirSohana	3	3	6	3	3	6
Popna	4	6	10	4	4	8
Premgarh	0	1	1	0	2	2
Radiala	2	3	5	0	2	2
Raipur	1	2	3	1	1	2
Raipur Kalan	3	3	6	3	1	4
Rangian	3	0	3	2	0	2
Rasanheri	3	2	5	2	0	2
Rasulpur	3	2	5	1	1	2
Rora	1	0	1	1	0	1
Rurka	3	2	5	1	0	1
RurkiPukhta	4	6	10	1	6	7

Village name	Incidence (2013-2018)			Mortality (2013-2018)		
	Male	Female	Total	Male	Female	Total
Rurkipakki	2	1	3	1	0	1
Sahauran	3	8	11	1	5	6
Saidpur	2	1	3	2	1	3
Saini Majra	3	2	5	2	2	4
Sambhalki	2	0	2	1	0	1
Saneta	2	4	6	1	3	4
Sangariwala	0	2	2	0	0	0
SanteMajra	3	8	11	2	3	5
Sawara	1	1	2	0	0	0
Shakrullapur	5	2	7	2	1	3
Shampur	1	3	4	2	2	4
SheikhanMajra	1	1	2	0	0	0
Siayu	1	1	2	0	0	0
Sil	1	1	2	1	0	1
SimbalMajra	2	2	4	0	1	1
Sohana	18	19	37	13	6	19
Sohana	4	1	5	3	0	3
Soi Majra	3	0	3	3	0	3
Soonk	4	2	6	4	0	4
Sotal	2	0	2	2	0	2
Sukhgarh	1	1	2	1	0	1
Tangori	1	3	4	1	1	2
TodarMajra	2	3	5	0	0	0
Toggan	7	10	17	9	4	13
Tole Majra	2	0	2	2	0	2
Tripari	1	3	4	2	2	4
Urdang	0	1	1	0	0	0
Total	797	879	1676	487	401	888

Ward-wise and village-wise cancer incidence cases and mortality cases of Boothgarh Block: SAS Nagar district



Urban Area	Incidence (2013-2018)			Mortality (2013-2018)		
	Male	Female	Total	Male	Female	Total
Kurali urban						
Kurali	15	17	32	11	6	17
Ward-01	5	1	6	4	0	4
Ward-02	5	4	9	3	0	3
Ward-03	2	2	4	1	1	2
Ward-04	5	1	6	3	1	4
Ward-05	2	4	6	2	3	5
Ward-06	2	2	4	2	1	3
Ward-07	4	6	10	3	3	6
Ward-08	1	0	1	1	0	1
Ward-09	4	9	13	4	3	7
Ward-10	1	2	3	1	1	2

Village name	Incidence (2013-2018)			Mortality (2013-2018)		
	Male	Female	Total	Male	Female	Total
Ward-11	3	4	7	3	1	4
Ward-12	3	2	5	2	0	2
Ward-13	5	1	6	3	1	4
Majri villages						
Abheypur	2	2	4	2	1	3
Abhipur	1	3	4	0	1	1
Baraudi	2	1	3	1	2	3
Barsalpur	2	0	2	1	0	1
Behlolpur	6	3	9	5	1	6
Bhagat Majra	2	0	2	1	0	1
Bhaghindi	0	1	1	0	1	1
Bhajauli	1	0	1	1	0	1
Bharaunjian	2	3	5	1	2	3
Boothgarh	1	1	2	0	0	0
ChaharMajra	2	2	4	1	0	1
Chanalo	4	2	6	4	2	6
Chandpur	1	2	3	1	1	2
Chhoti Bari Naggal	6	1	7	3	1	4
Dhakaran Kalan	2	1	3	1	0	1
Dhanauran	2	2	4	1	0	1
Dhayanpur	0	1	1	0	1	1
Dosarana	2	2	4	2	2	4
Fatehgarh	1	1	2	0	0	0
FatehgarhChatouli	0	1	1	1	0	1
Fatehpur	0	2	2	0	3	3
Fatehpur Tapran	3	1	4	3	1	4
Ferozepur Bangar	1	1	2	0	0	0
Ghandauli	4	0	4	3	0	3
Gochar	3	1	4	2	0	2
GunnoMajra	2	2	4	2	1	3
Gurrah	1	1	2	1	0	1
Hosiarpur	3	5	8	4	3	7
Hussanpur	1	3	4	0	0	0
JakarMajra	1	0	1	0	0	0
Jhampur	2	2	4	1	0	1
JhandeMajra	2	2	4	2	2	4
Jhandewala	0	1	1	0	1	1
Jhingran Kalan	6	3	9	3	2	5
Jujhar Nagar	1	1	2	1	1	2
JyantiMajri	4	5	9	2	2	4
Kadi Majra	1	2	3	0	0	0
Kanauran	3	0	3	1	0	1
Kansala	6	6	12	5	4	9

Village name	Incidence (2013-2018)			Mortality (2013-2018)		
	Male	Female	Total	Male	Female	Total
Karoldianwala	2	0	2	2	0	2
Kartarpur	2	2	4	1	2	3
Kasauli	0	0	0	1	0	1
Khairpur	1	1	2	0	2	2
Khera	2	2	4	2	0	2
Khizarabad	10	6	16	8	3	11
Kubaheri	0	1	1	0	0	0
Lakhanaur	0	1	1	0	1	1
Lubangarh	3	0	3	2	0	2
Majara	4	0	4	4	0	4
Majri	4	4	8	2	2	4
Majri (Colony)	0	1	1	0	1	1
Malakpur	0	1	1	0	1	1
Manakpur Sharif	5	2	7	5	1	6
Manana	2	4	6	2	3	5
Mastgarh	1	3	4	1	0	1
Mehrapur	2	1	3	1	0	1
Mehrauli	1	1	2	1	1	2
MianpurChanugar	3	1	4	3	0	3
Mirzapur	2	0	2	2	0	2
MullanpurSodian	0	1	1	0	0	0
Mundhobhag Singh	1	0	1	0	0	0
Mundhosangtain	1	5	6	1	3	4
Naglian	1	1	2	1	1	2
Naholka	3	1	4	1	1	2
Nangal (Singhan)	0	1	1	0	1	1
Nangalgarian	1	0	1	1	0	1
Nanhyerian	1	5	6	0	2	2
Paintpur	2	4	6	1	4	5
Palheri	5	2	7	3	0	3
Pallampur	1	2	3	0	0	0
Paraul	3	7	10	1	2	3
Phattan	1	0	1	0	1	1
Rakauli	2	2	4	2	1	3
Rampur	3	1	4	2	0	2
Rani Majra	7	5	12	6	2	8
Rattangarh	1	0	1	1	0	1
Ratwara	1	3	4	0	1	1
Rurki Khan	2	0	2	1	0	1
Saini Majra	0	1	1	0	0	0
Salamatpur	0	1	1	0	0	0
Salempu Khurd	0	1	1	0	1	1
Salempur Kalan	2	1	3	1	1	2
Sangalan	1	2	3	0	1	1

Village name	Incidence (2013-2018)			Mortality (2013-2018)		
	Male	Female	Total	Male	Female	Total
Sangatpura	1	1	2	1	1	2
Shahpur	0	2	2	1	0	1
Shiamipur	1	0	1	0	0	0
Sialba	4	2	6	4	1	5
Siswan	1	0	1	1	0	1
Sohali	3	0	3	2	0	2
Tajpura	0	1	1	1	0	1
TakkiPur	1	3	4	0	3	3
Tarapur	2	4	6	2	4	6
Taroli	1	2	3	1	1	2
Tasoli	1	3	4	0	1	1
Tera	12	8	20	11	4	15
Teur	11	11	22	10	6	16
Thana Gobindgarh	2	0	2	1	0	1
Thaska	1	1	2	1	0	1
Tojan	0	1	1	0	1	1
Wazidpur	1	0	1	0	0	0
Total	265	238	503	194	117	311

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SRL Diagnostic Centre, Sector-11, Chandigarh

Dr. Pranjali, MD Pathology

Alchemist Hospital, Panchkula

Dr. Harman Loona, General Manager
Dr. Ranjan Sahu, Medical Oncologist
Mr. Anil Kumar, Medical Record Officer

Indira Holiday Home, Sector-24, Chandigarh

Dr. Brahmjyot Kaur, MD Pathology

Dr. Mujoo's, Diagnostic Laboratory Sector-15, Chandigarh

Dr. Vijay Mujoo, MD Pathology

Indian Medical Association, Sector-35, Chandigarh

Dr. Sandeep Dhawan, President, IMA
Dr. Raman Abrol, General Secretary, IMA

Gian Sagar Hospital, Banur

Dr. Kamaljit Singh, Principal, Prof.& Head, Forensic Medicine
Dr. Anureet Kaur, Prof.& Head, Pathology
Dr. Amarjit Singh, Prof. & Head, Community Deptt.

Behgal Hospital, Multispecialty & Cancer Center, Industrial Area, Phase 8-B, S.A.S Nagar

Dr. K S Behgal, Director
Dr. I.P Singh, Medical Oncologist
Mrs. Sukhvinder Kaur, Executive MRD
Mrs. Madhu, Incharge Medical Record Dept.

Shri Guru Harkrishan Hospital, Sohana

Bhai Sahib Bhai Devinder Singh, Chairman
Dr. Gagandeep Singh Sachdeva, CEO
Dr. Amanpreet Kaur, COO
Dr. Sandeep Kukkar, Consultant, Oncologist
Dr. Harpreet Walia, Consultant & Head,
Pathology
Dr. Sonia Dhaka, Consultant, Oncologist
Dr. Rakesh Kumar Gupta, Consultant, Radiation
Oncology
Dr. Saumya Ahuja, Medical Superintendent
Mr. Anil Kumar, General Manager
Mrs. Priyanka, Medical Record, Senior
Executive
Mr. Romy Yadav, Medical Record Head

MY Hospital S.A.S Nagar, Sector-69, S.A.S Nagar

Dr. Varinder Dhankhar, CEO
Dr. Manish Bansal, Medical Oncologist
Mrs. Jasveer Kaur, Medical Record Dept. In-charge

Nimbus Path Lab, Phase-10, S.A.S Nagar

Dr. Chetna Aggarwal, Pathologist

Amulaya's Path Lab, Pearl City, Sector-104, SAS Nagar, Mohali

Dr. Amulyajit Kaur, MD Pathology

Harmony Health Care Centre, Phase-5, S.A.S Nagar

Dr. Nayak, Director Radiotherapy

J.P Super-speciality Hospital, Zirakpur

Dr. Sandeep Singla, Managing Director

Helix Path Lab, Phase-3B1, S.A.S Nagar

Dr. Charanpreet Singh, Pathologist

Municipal Corporation, Sector 68, S.A.S Nagar

Mr. Varinder Kumar Jain, Local Registrar (EO)
Mr. Jagjit Singh, Junior Assistant

Municipal Corporation, Zirakpur

Mr. Navneet Singh, Local Registrar (EO)
Mr. Saurabh Anand, Junior Assistant
Mrs. Aman Kaur, Clerk

Municipal Corporation, Derabassi

Mr. Ashok Patharia, Local Registrar (EO)
Mrs. Manisha, Clerk

Municipal Corporation, Lalru

Mrs. Isha, Authorized Signatory
Mr. Waseem Khan, Clerk
Mr. Sushil Kumar, Clerk

Municipal Corporation, Kharar

S. Balbir Singh, Local Registrar (EO)
Mrs. Jasjit Kaur, Senior Statistical Assistant
Mr. Rohit Sharma, Assistant
Mr. Surinder Singh, Assistant

Municipal Corporation, Kurali

Mr. Gurdeep Singh, Local Registrar (EO)
Mrs. RenuBala, Clerk

Municipal Corporation, Nayagaon

Mr. Ashok Kumar, Local Registrar (EO)
Mr. Saurabh Anand, Junior Assistant
Mrs. Aman Kaur, Clerk

23. Annexure

Special activities of cancer registry

The national dissemination meeting and workshop was conducted in UT State Guest House, Chandigarh on 17th November 2022 to discuss the global, regional and national initiatives and strategies towards oral cancer prevention and role of health workers in oral cancer screening.

Dr. Suman Singh, DHS, UT Chandigarh; Prof. Rakesh Sehgal, Dean (Academics), PGIMER, Chandigarh; Dr. Varinder Nagpal, Medical Superintendent, GMSH 16, Chandigarh graced the inauguration session.

Dr. Andre Carvalho, Head, Early Detection Prevention, and Infections, International Agency for Research on Cancer, World Health Organization, Lyon shared Global-IARC perspective on oral cancer screening and prevention. Dr. L Swasticharan, Nodal officer, National Oral Health Programme, MoHFW talked about key initiatives of Oral Cancer prevention and control under National Oral Health Programs. Prof. JS Thakur talked about Oral cancer burden in Chandigarh and Punjab. Dr. Paramjit Gill, Head of Division of Health Sciences, Professor of General Practice, Warwick Medical School, University of Warwick UK discussed the study findings of feasibility of training community health workers in the detection of Oral Cancer. DHS assumed that oral cancer screening should be strengthened and cancer will be made a notifiable disease in Chandigarh.





Tata Memorial Centre, Mumbai



Centre for Cancer Epidemiology, ACTREC, Navi Mumbai



Homi Bhabha Cancer Hospital, Sangrur, Punjab



Post Graduate Institute of Medical Education and Research (PGIMER), Chandigarh

“Cancer is curable if detected early.”