

POPULATION BASED CANCER REGISTRY, CACHAR DISTRICT

Silchar Medical College, Silchar

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Population Based Cancer Registry - Cachar district is one of the six old cancer registries of north east India. It has been expanded from PBCR - Silchar town to PBCR - Cachar district in the year 2007. Since then it has been collecting data on cancer cases in the district of Cachar in a systematic and scientific manner.

The district of Cachar is situated in the southernmost part of Assam. It is surrounded by the neighbouring states of Manipur, Tripura and Mizoram on its three sides. It has an area of 3786 sq.km and a population of 17,36,617 as per 2011 census. The male and female population is 886284 and 850333 respectively. The population density is 459 per sq.km and the rural population comprises the most (81.83%). There are two subdivisions namely, Silchar Sadar and Lakhipur, two towns - Silchar & Lakhipur and 895 villages. Silchar town is the Head Quarter of Cachar District.

The office of the Population Based Cancer Registry is located in the Department of Pathology, Silchar Medical College, Silchar. The sources of registration are visited by the social investigators on regular basis and data on cancer cases as per the core proforma are collected from the records of the sources. The frequency of these visits to the sources is determined by average number of cancer cases attending the source. In sources like the Department of Pathology, Radiotherapy etc. data are also collected through direct interview of the patients and/or their attendants. The core proforma is filled up by the social investigators, coding is done and these are captured by the data entry operator and programmer. Some quality checks like consistency and duplicate checks are done before final submission of data to NCRP.

In recent years, the processing of data on cancer has become much simpler and less time consuming through different software applications. Having gained experience in using the software for the 2009-2010 data, we have reduced the time gap between collection of data from the sources and the entry of the same in the prescribed format. In addition, we are now collecting all cause mortality data on a regular basis with the help of software developed by us.

Major Sources of Registration

- 1 Cachar Cancer Hospital
- 2 Different Departments of Silchar Medical College
- 3 Micro Diagnostic Laboratory
- 4 AAR Gees Medicare
- 5 Central Laboratory
- 6 Astha Laboratory

Registry Staff

Medical Research Officer	:	Dr R.P. Banik, MBBS DLO
Programmer	:	Mr Samit Paul, MSc (Computer Science)
Statistician	:	Mrs Madhuchanda Goswami, MSc Statistics
Social Investigator	:	Mr Biswajyoti Choudhury, MSW Ms Srabani Mirta, MSW Mrs (Dr) Rini Bhattacharjee, MSW
Data Entry Operator	:	Mr Bidhan Kr Sarkar, B.Sc.(IT)

Main Sources of Registration of Incident Cases of Cancer: 2012-2014
Cachar District

Name of the Institution	Number	%
Cachar Cancer Hospital, Silchar	1985	41.6
Silchar Medical College & Hospital, Silchar	667	14.0
Micro-Diagnostic Laboratory, Silchar	441	9.3
AAR Gees Medicare, Silchar	272	5.7
Central Laboratory, Silchar	216	4.5
Astha Lab	177	3.7
Cancer Atlas	133	2.8
SRL Ranbaxy Laboratory, Silchar	127	2.7
The Dept. of Pathology, SMCH	112	2.3
ULTR Path Laboratory, Silchar	108	2.3
Impulse Diagnostic Center	105	2.2
Office of the Joint Director of Health Services	94	2.0
Dr B. Borooah Cancer Institute, Guwahati	72	1.5
Shiv Sundari Nari Shikshasram and Anti-Natal Clinic, Silchar	61	1.3
Silchar Polyclinic Laboratory, Silchar	48	1.0
Others	148	3.1
Total	4766	100.0

- Institutions listed have registered at least one percent of all cases in the registry for Selected Year.*
- The numbers and proportion listed are the minimum number of cases. Institutions could have registered/ reported more cases, since duplicate registrations and non-resident/registry cases are not included.*