

POPULATION BASED CANCER REGISTRY, ARUNACHAL WEST

Arunachal State Hospital: Naharlagun

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Introduction

The Population Based Cancer Registry (PBCR) located in the department of Pathology, Tomo Riba State Hospital (formerly called Arunachal State Hospital), Naharlagun started functioning from 1st January, 2011. The registry covers eight districts of western zone of Arunachal Pradesh which has approximate population of 7,60,015 as per 2011 census report.

Arunachal Pradesh "The land of Dawn lit Mountains" is situated at the north-east extremity of the country. Geographically, Arunachal Pradesh is bounded by Bhutan to the west, China to the north and northeast and Myanmar to the east. It shares interstate boundary with Nagaland in the east and southeast and Assam in the south. It has total area of 83,743 sq km and has population of 10,97,968 persons as per 2001 census.

Total Population: 7,60,015 (Males 3,95,074, Females: 3,64,720)

District Wise Population

Names of the Districts	Population			Names of the Districts	Population		
	Males	Females	Total		Males	Females	Total
Tawang	29,151	20,826	49,977	Lower Subansiri	41,643	41,187	83,030
West Kameng	46,155	37,792	83,947	Upper Subansiri	41,758	41,690	83,448
East Kameng	38,775	39,915	78,690	West Siang	58,168	54,106	1,12,274
Kurung Kumey	44,226	45,491	89,717	Papumpare	89,182	87,391	1,76,573

Sources of Registration of Cancer Cases

PUBLIC/PRIVATE:

- | | |
|--|---|
| 1. Tomo Riba State Hospital, Naharlagun | 2. District Hospital, Tawang, Aalo, Bomdila |
| 3. District Hospital, Bomdila, Seppa, Daporijo | 4. State Referral Authority |
| 5. All Community Health Centres | 6. Ramakrishna Mission Hospital, Itanagar |
| 7. Heema Hospital, Itanagar | 8. Niba Hospital, Pappu Nallah, Naharlagun |
| 9. BTM Hospital, Naharlagun | 10. General Hospital, Pasighat |

PRIVATE LABORATORIES:

- | | |
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| 1. Ambeelab, Itanagar. | 2. Frontier Diagnostic Centre, Naharlagun. |
| 3. Capital Diagnostic Centre, Naharlagun. | 4. Hormin Diagnostic Lab, Naharlagun. |
| 5. N.R. Diagnostic Lab, Naharlagun. | 6. Mediscan Arunachal, Naharlagun. |
| 7. NIBA Clinic, Naharlagun. | |

LIST OF SOURCE/INSTITUTION OUTSIDE PBCR

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| 1. B.B.C.I, Guwahati. | 2. Guwahati Medical College, Guwahati. |
| 3. Tata Memorial Hospital, Mumbai. | 4. Apollo Hospital, Chennai |
| 5. Apollo Hospital, Delhi | 6. Christian Medical College, Vellore. |
| 7. Assam Medical College, Dibrugarh. | 8. Cancer Centre Welfare Home, Thakurpukur, Kolkata. |
| 9. North-East Cancer Hospital and Research Institute, Guwahati | 10. AIIMS, New Delhi. |
| 11. Super Religare Laboratories Ltd, Mumbai. | 12. Dr Lals Path Labs, New Delhi. |
| 13. Civil Hospital, Tezpur | 14. Christian Baptist Hospital |

Methodology of Incidence Data Collection

The registration of cancer cases is done by active registration as cancer being not a notifiable disease. The state's referral hospitals, nursing homes and private pathological laboratories of the capital, district hospitals and birth and death records office are the sources of data collection. In absence of comprehensive treatment centre in our state most of the cancer cases are referred out of the state for treatment. In view of this, we have established contacts with B. Borooah Cancer Institute, Guwahati, Assam Medical College Dibrugarh, Tata Memorial Hospital Mumbai, where majority of our cancer patients go for treatment and we are getting full cooperation from them. The State Government has issued a notification for mandatory reporting of all cancer cases to the registry.

Methodology of Mortality Data Collection

Mortality data is collected from the death registries maintained in the hospitals, obituary references/press releases in newspapers and active follow up through telephone. Since there are no established crematoria in the state and different communities have their own system of disposing dead bodies, we mainly get death reports through telephonic contact. As the state has very difficult terrain and villages are scattered with difficult road communication, house visits are not feasible in the view of its vastness in area.

Acknowledgement

Population Based Cancer Registry (PBCR), Naharlagun would like to thank National Cancer Registry Programme (NCRP) for including us in the PBCR network. We also acknowledge the support of the Department of Health & Family Welfare, Government of Arunachal Pradesh, Doctors of Tomo Riba State Hospital, Naharlagun, Ramakrishna Mission Hospital Itanagar, Private Nursing homes, Private Laboratories, B. Borooah Cancer Institute Guwahati, Tata Memorial Hospital Mumbai and Assam Medical College Dibrugarh for their kind support.

Name of the Registry Staff

Mr Jigonso Tawsik : Computer Programmer	Ms Habung Pampi : Social Investigator
Ms Hage Ampa : Social Investigator	Ms Ngilyang Otung : Statistician

Main Sources of Registration of Incident Cases of Cancer: 2012-2014 - Naharlagun

Name of the Institution	Number	%
General Hospital, Naharlagun	605	42.0
Ambeelab, Itanagar	541	37.6
BBCI, Guwahati	136	9.5
Ramakrishna Mission Hospital, Itanagar	34	2.4
Cancer Atlas	29	2.0
T.M.H., Mumbai	17	1.2
Others	77	5.3
Total	1439	100.0

1. Institutions listed have registered at least one percent of all cases in the registry for Selected Year.
2. 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.