

POPULATION BASED CANCER REGISTRY

AHMEDABAD URBAN AGGLOMERATION AREA

The Gujarat Cancer & Research Institute, Ahmedabad

Dr Shilin N. Shukla, Principal Investigator

Dr Parimal J. Jivarajani, Co-Investigator

The Population Based Cancer Registry–Ahmedabad Urban Agglomeration Area became operative at the Gujarat Cancer and Research Institute (GCRI) in the year 2007 under the network of National Cancer Registry Programme (NCRP) of Indian Council of Medical Research, New Delhi. The prime objective of the project is to obtain reliable incidence and mortality data for the population of Ahmedabad Agglomeration Urban Area.

The Ahmedabad Urban Agglomeration Area is situated between 20°00' and 23°04' North latitudes and 71°06' and 72°09' East longitudes. It has an area of 299.71 km². As per the census 2001, total population of registry area was 42,20,048 with 14,080 per km² population density. The Male:Female sex ratio was 1000:885.

The registry covers an urban area of 299.71 km² and collects morbidity and mortality data on cancer patients from more than 250 sources. Apart from GCRI, the base institution, other sources include major government hospitals, private hospitals, private oncologists and pathological labs. Department of vital statistics of Ahmedabad Municipal Corporation and the district panchayat offices are also important sources of cancer data collection.

As cancer is not a notifiable disease in India, the case registration method is active. Field workers regularly visit various hospitals and pathological labs to examine the case records maintained by various departments at these hospitals. They also personally visit the vital statistics offices and collect mortality information. These death records are matched with morbidity records. The data is checked for duplication in PBCRDM 2.1 developed by NCRP software and is sent to NCRP for further checks. Tables provided by NCRP are used for final report.

Staff

Mr Himanshu V Patel	:	Statistical Assistant, GCRI staff
Mr Jayesh B Solanki	:	Statistical Assistant, GCRI staff
Ms Vishruti Pandya	:	Jr. Statistical Assistant, GCRI staff
Mr Mukesh Parmar	:	Junior Clerk, GCRI staff
Mr Deven Patel	:	Junior Clerk, GCRI staff
Mr Gautam Movadia	:	Junior Clerk, GCRI staff
Mr Jignesh Vania	:	Field Investigator, Project staff
Ms Meghna Jani	:	Field Investigator, Project staff

Main Sources of Registration of Incident Cases of Cancer: 2009-2010
Ahmedabad Urban

Name of the Institution	Number	%
The Gujarat Cancer & Research Institute	5697	71.3
Vedant Hospital	314	3.9
Apollo Hospital	293	3.7
Dr. Dilip Shrinivasan	204	2.6
Dr. S.V. Shah, S.P. Surgical Nursing Home	162	2.0
Shrey Hospital	121	1.5
Dr. Jayeshbhai Patel & Dr. Natubhai Patel, Onco Surgical Hospital & Endoscopy	111	1.4
N.H.L. Municipal Medical College & V.S. General Hospital, Ahmedabad	101	1.3
B.J. Medical College & Civil Hospital, Ahmedabad	97	1.2
Ahmedabad Birth & Death Department	94	1.2
Other Private Consultants	85	1.1
Others	714	8.9
Total	7993	100.0

- 1. Institutions listed have registered at least one percent of all cases in the registry for the combined years 2009-2010.*
- 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.*