

POPULATION BASED CANCER REGISTRY
AHMEDABAD URBAN AGGLOMERATION AREA
NATIONAL CANCER REGISTRY PROGRAMME
INDIAN COUNCIL OF MEDICAL RESEARCH

ANNUAL REPORT - 2007

Population Based Cancer Registry – Ahmedabad Urban Agglomeration Area was started at Gujarat Cancer & Research Institute, Ahmedabad under network project of National Cancer Registry Programme of Indian Council of Medical Research from 1st January 2007. The objectives of this registry are (i) To have a valid estimate of annual incidence of cancer cases in the Ahmedabad Urban Agglomeration Area, (ii) To study cancer patterns of annual incidence of cancer cases in the Ahmedabad Urban Agglomeration Area and (iii) To study cancer related mortality through death records from the Municipal Corporation and Municipality offices.

During year 2007, 3382 (Males: 1847; Females: 1535) patients with cancer were recorded. The Crude Cancer Incidence Rate (CIR) per lac population per year in male was 74.4 and in females 70.2. The corresponding Age Adjusted Rates (AAR) was 98.6 and 81.2. The truncated incidence rate (TR) among males and females were 187.6 and 168.1 per 1,00,000 persons respectively. Male/Female ratio was 1.20:1.

Majority of cases (13.31%) among males were found in age group of 55-59 years and 14.20% cases among females were found in age group of 50-54 years. About 89% of cancers occurred after age of 35 years, whereas total population above age of 35 years accounted for about 35% in both sexes thus indicating need for control measures to prevent cancer problem among general population at very beginning of truncated age group.

Paediatric cancers (age 0-14 years) constituted 70 cases (2.07%) of total cancer load in both sexes with higher percentage of cases among boys (2.70%) than girls (1.30%).

Number (#), Relative proportion (%) and Age Adjusted Incidence Rate (AAR):

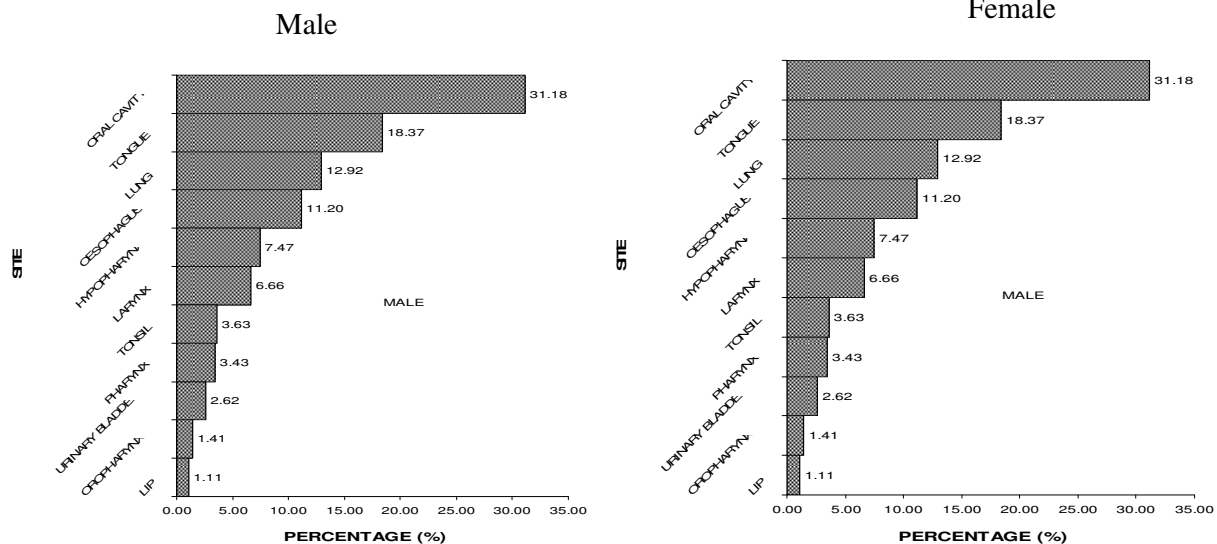
FIVE LEADING SITES OF CANCER

PBCR - AHMEDABAD URBAN, 2007

Site	MALE			Site	FEMALE		
	#	%	AAR		#	%	AAR
Mouth	309	16.73	14.7	Breast	482	31.40	24.5
Tongue	182	9.85	8.8	Cervix Uteri	188	12.25	10.1
Lung	128	6.93	7.7	Ovary etc.	95	6.19	4.9
Oesophagus	111	6.01	6.4	Oesophagus	62	4.04	3.7
Hypopharynx	74	4.01	4.4	Mouth	53	3.45	2.8
All Cancers	1847	-	-	All Cancers	1535	-	-

Over half (53.65%) of all cancers in males and 15.64% of all cancers in females were Tobacco Related Cancers (TRCs).

Percentage of TRCs in Males and Females PBCR - AHMEDABAD URBAN, 2007



In the year 2007, 601 deaths in males and 389 deaths in female were registered. The Crude Mortality Incidence Rate (CMR) per lac population per year in male was 24.2 and in females 17.8. The corresponding Age Adjusted Mortality Rates (AAMR) was 31.2 and 20.2. The Truncated Mortality Incidence rate (TMR) among males and females were 63.6 and 45.8 per 1,00,000 persons respectively. Mortality to Incidence (M/I) ratio was 29.27% and the cases registered with Death Certificate Only sources (DCOs) accounted for 2.04%.