

POPULATION BASED CANCER REGISTRY, AURANGABAD

Indian Cancer Society

Dr Vinay Deshmane

Jt. Hon. Secretary of Indian Cancer Society and Principal Investigator of Cancer Registry

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After a hands-on experience of the Mumbai and Poona Cancer Registry, Indian Cancer Society established the Aurangabad Cancer Registry in 1978 with an aim to estimate magnitude of cancer for the entire Aurangabad state agglomeration. Aurangabad state agglomeration comprises the Aurangabad city and the cantonment area.

Registration of cancer cases is done by the active method wherein the social workers visit the hospitals, nursing homes, hospices, in government and private sector to collect data on cancer incidence. Mortality or the death statistics are collected from the vital statistics department of the Aurangabad Municipal Corporation.

The data are cross-checked to ensure complete coverage so as to maintain authenticity of the data obtained. Efforts are made by the registry to ensure that the data obtained are correct and as complete as possible. Different identifiers are used to check the reliability of the data. Thorough data cleaning is carried out to check for errors and duplication of entries.

The reliability of data and quality of registration have considerably improved since the use of PBCR centralized software for data compilation. For the years 2012-2014, a total of 2241 cases were registered. The percentage of cases diagnosed microscopically in these 3 years accounted for 93.7% of the total while the diagnosis through death certificates only contributed 5% of cases and the cases diagnosed clinically remained 1.3%.

Staff of Aurangabad Cancer Registry

Mr A.M. Waghmare : Medical Social Worker

Mr Sayed Ayub Ali : Part-time Clerk-cum-Typist

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

Name of the Institution	Number	%
Government Hospital	1245	55.6
Bajaj Hospital	384	17.1
Dhoot Radiotherapy	188	8.4
Other Small Hospital	158	7.1
TMH Mumbai	153	6.8
Unmatch	112	5.0
Others	1	0.0
Total	2241	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.