

# POPULATION BASED CANCER REGISTRY, NAGPUR

## Indian Cancer Society

### **Dr Vinay Deshmane**

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Mumbai Cancer Registry was established in June 1963 as a unit of ICS with the aim of obtaining reliable incidence and mortality data on cancer from a precisely defined urban population. The magnitude of cancer for the entire state needs to be investigated in depth. In the light of experience gained from Mumbai, Poona and Aurangabad metropolitan registries, Indian Cancer Society established the fourth cancer society at Nagpur in the year 1980, as an attempt to identify the differences in site patterns and incidence rates of cancer amongst various communities living in that geographical area, exposed to different climatic conditions, dietary habits and social customs.

Registration is done by the active method. Social workers visit the hospitals, nursing homes, hospices, in government and private sector to collect data on cancer incidence. Mortality statistics is collected from the vital statistics department of the Nagpur Municipal Corporation. In Nagpur, the cancer registry receives good support from all the healthcare facilities.

The data are verified for reliability and cross-checked to ensure completeness and full coverage of data 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.

The reliability of data and quality of registration have considerably improved. For the year 2012-2013, a total of 4653 cases were registered. The percentage of cases diagnosed microscopically in these 2 years accounted for 89.9% of the total while the diagnosis through death certificates only contributed 1.7% of cases and the cases diagnosed clinically remained 7.7%.

### *Staff of Nagpur Cancer Registry*

<b>Mrs R.C. Patil</b>	:	Medical Social Investigator
<b>Mrs P.Y. Varade</b>	:	Medical Social Investigator
<b>Mrs R.M. Bhagat</b>	:	Medical Social Investigator

**Main Sources of Registration of Incident Cases of Cancer: 2012-2013**  
**Nagpur**

<b>Name of the Institution</b>	<b>Number</b>	<b>%</b>
RST	1647	35.4
MCH	1596	34.3
MAYO	504	10.8
Lata Mangeshkar	237	5.1
TMH	143	3.1
Nagpur Small Hospitals	96	2.1
CIIMS Nagpur	91	2.0
Orange City	86	1.8
Unmatch	77	1.6
Cancer Care Clinic	74	1.6
Dental MCH Nagpur	55	1.2
Others	47	1.0
<b>Total</b>	<b>4653</b>	<b>100.0</b>

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.