



# **INDIAN CANCER SOCIETY**

## **CANCER REGISTRY DIVISION**

# **CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA**

## **Consolidated Report of the Population Based Cancer Registries**

### **INCIDENCE AND DISTRIBUTION OF CANCER-2001**

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## *Forward*

The Indian Cancer Society established the first population based Cancer Registry in Mumbai in 1963, with the aim of obtaining reliable incidence and mortality data on cancer.

In order to identify the etiological factors that might be implicated in the segment of a selected population, it is essential to determine the behavioral patterns, habits, customs, and environmental backgrounds of the group under study. It is also necessary to identify the differences, if any, in the site, patterns and incidence rates of the disease amongst various communities living in geographical areas having varying patterns of climate and physical environments by identifying the dietary habits, social customs and such other factors in the social population. With this aim in mind the Indian Cancer Society established satellite Cancer Registries in different zones of Maharashtra so that the cancer problem throughout the state of Maharashtra could be studied in depth. Thus the first satellite Registry was established for Poona City Agglomeration in 1972, the second for Aurangabad City Agglomeration in 1978 and the third for Nagpur City Agglomeration in 1980. From January 2005 the Indian Cancer Society established another three population based Cancer Registries at the district level for Satara, Sangli and Kolhapur districts.

Besides this, in Maharashtra one rural population based cancer Registry has been functioning under NCRP since 1987. As far as cancer registration is concerned the highest percentage of population covered is in Maharashtra amongst all the states of India.

In this report the cancer incidence and patterns of cancers are given for four urban agglomerations in Maharashtra, i.e. Mumbai, Poona, Nagpur and Aurangabad for the year 2001. Along with the leading sites, the basis of diagnosis and the religion wise incidence for each Registry is also given. Besides this, childhood cancers and tobacco related cancers are also described for each Registry.

This report will give clues to the burden and types of cancer in Maharashtra and will be a base for studies in cancer etiology and control.

Some similarities as well as major differences exist in the ranking of leading sites of cancer among the Registries. In females in all the four Registries cancer of the breast is the leading site followed by cervix and ovary. Amongst males cancers of the lung, larynx, mouth and oesophagus were leading sites in all four Registries.

It is hoped that this publication will serve as ready reference on cancer incidence in India and particularly in Maharashtra for researchers, clinicians, health administrators and others involved in this field.

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# CHAPTER 1

## DEMOGRAPHIC CHARACTERISTICS OF MAHARASHTRA

Maharashtra is on the west coast borders of the Arabian Sea. It is the third largest state of India. It has three natural regions- the Western Coastal Region, the Ghats and the Plateau in the center. All the rivers apart from the Tapi flow from west to east across the Plateau. The coastal areas are much better off than the areas inland especially during the monsoon when they receive heavy rainfall. The climate is dryer and hotter further away from the coast towards the center of the Plateau. There are many palm trees along the coast and there are thick forests on the slopes of the Ghats. The black soil of the Plateau region is ideal for cotton. Maharashtra is also famous for the “alphonso mangoes.”

Maharashtra is a fascinating region. Lying on the western part of the Indian Peninsula, it encompasses within itself a thousand surprises, a thousand delights. Maharashtra is increasingly becoming a tourist destination for Indian and foreign tourists. Places attracting the interests of tourists in Maharashtra are diversified in nature, ranging from places of historical importance, architectural beauty and nature parks to scenic beaches, hill stations, forts and holy centers of pilgrimages.

### Map of India

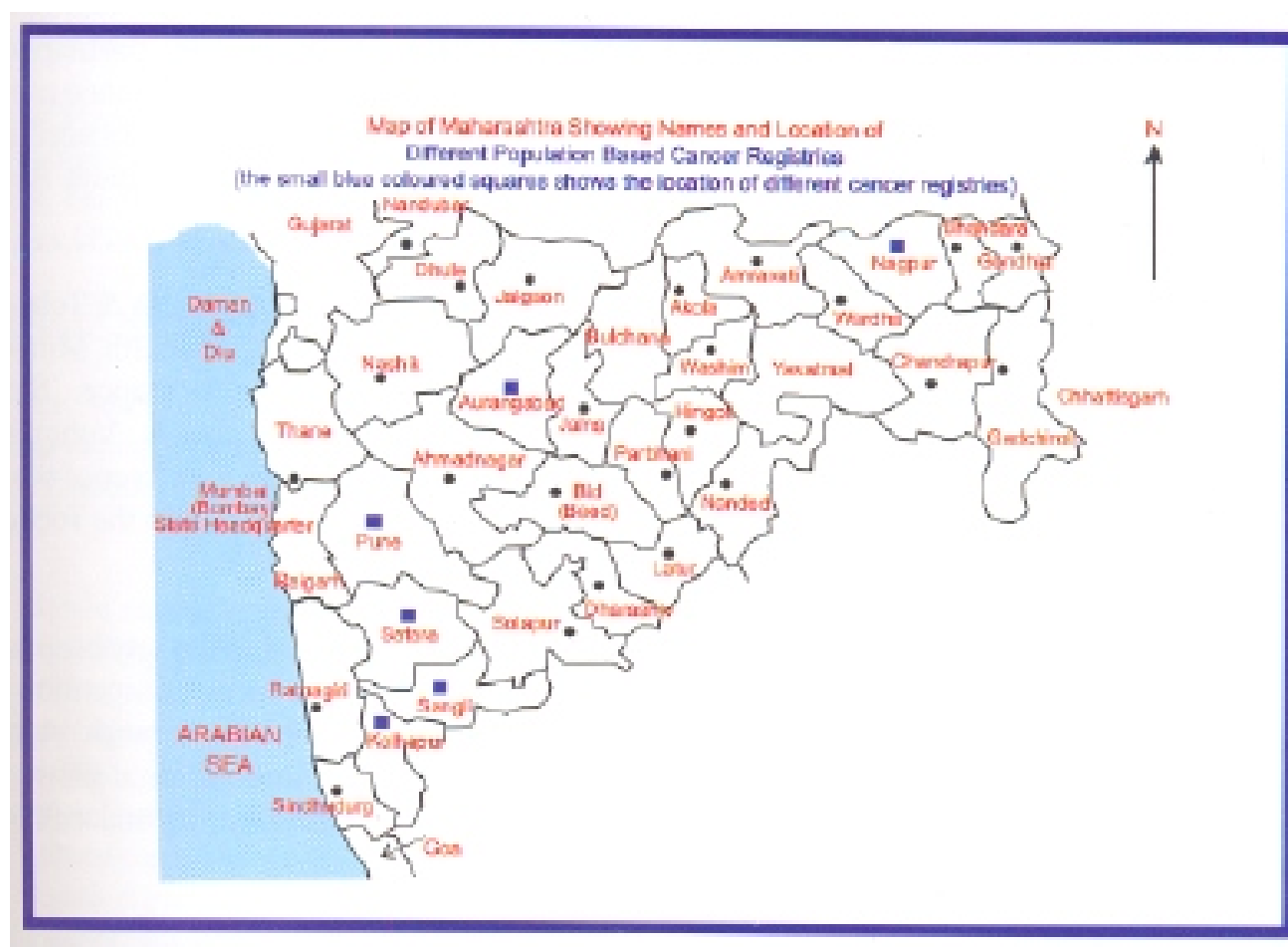




Mumbai (Bombay) is the capital. It is the center of the Indian Film Industry, a major port and the commercial and financial capital of India. In the sea near Mumbai there are oil wells. The oil is pumped to the surface and then sent to refineries where oil is turned into petrol, diesel, and kerosene.

As per the 2001 census the total population of Maharashtra was enumerated at 96,752,247 (50,334,270 Males and 46,417,977 Females). Maharashtra makes up 9.42% of the total population of India. Average decadal growth from 1991-2001 was 2.04% and the share of the child population (0 to 6) for 2001 was 14.11%. Density of population is 314 sq. kms. Among all states Maharashtra ranks 10<sup>th</sup> in literacy (77.27%). The sex ratio of the population was 922 females per 1000 males while the working population was 40.5% (Table 1.1). As far as religion is concerned, Hindus dominated (84%) followed by Muslims (10.6%), Buddhist (6.0%), Jains (1.3%) and Christians (1.1%) in descending order (Table 1.2).

## Map of Maharashtra



**CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA**

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**Table 1.1 : Total, 0-6, Literate and Working Population, Maharashtra, 2001 Census by Urban/Rural & Sex.**

Category	Residence	Persons	Male	Female
Total Population	Total	96,878,627	50,400,596	46,478,031
	Rural	55,777,647	28,458,677	27,318,970
	Urban	41,100,960	21,941,919	19,159,061
0-6 Population	Total	13,671,126	7,146,432	6,524,694
	Rural	8,428,828	4,399,083	4,029,745
	Urban	5,242,298	2,747,349	2,494,949
Literates	Total	63,965,943	37,184,963	26,780,980
	Rural	33,313,270	19,711,796	13,601,474
	Urban	30,652,673	17,473,167	13,179,506
Total Workers	Total	41,173,351	26,852,095	14,321,256
	Rural	27,261,431	15,348,636	11,912,795
	Urban	13,911,920	11,503,459	2,408,461

Source : Census of India 2001, Series 1, Final Population Totals, Urban Agglomerations and Towns , Registrar General and Census Commissioner, India, New Delhi 2004.

**CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA**

Consolidated Report of the Population Based Cancer Registries

**Table 1.2 : Total Population by Sex, Religion & Urban/Rural, Maharashtra, 2001 Census**

Religion	Residence	Persons	Male	Female
All Religions	Total	96,878,627	50,400,596	46,478,031
	Rural	55,777,647	28,458,677	27,318,970
	Urban	41,100,960	21,941,919	19,159,061
Hindu	Total	77,859,385	40,496,085	37,363,300
	Rural	48,786,036	24,890,550	23,895,486
	Urban	29,073,349	15,605,535	13,467,814
Muslims	Total	10,270,485	5,437,926	4,832,559
	Rural	3,081,552	1,577,482	1,504,070
	Urban	7,188,933	3,860,444	3,328,489
Christians	Total	1,058,313	530,975	527,33
	Rural	159,577	80,266	79,311
	Urban	898,736	450,709	448,027
Sikhs	Total	215,337	117,736	9,601
	Rural	29,611	16,772	128,39
	Urban	185,728	100,964	84,762
Buddhist	Total	5,838,710	2,977,607	2,861,10
	Rural	3,228,573	1,639,515	1,589,060
	Urban	2,610,137	1,338,094	1,272,043
Jains	Total	1,301,843	670,236	631,60
	Rural	286,557	149,467	137,09
	Urban	1,015,286	520,769	494,517
Others	Total	236,841	119,113	117,728
	Rural	132,766	670,15	65,751
	Urban	14,075	52098	51,977
Religion not Stated	Total	97,713	50,918	46,79
	Rural	72,975	37,612	35,363
	Urban	24,738	13,306	11,432

Source : Census of India 2001, Series 1, Final Population Totals, Urban Agglomerations and Towns , Registrar General and Census Commissioner, India, New Delhi 2004.



## CHAPTER 2

### INCIDENCE PATTERNS IN URBAN-MAHARASHTRA

#### 2.1 History

The Mumbai Cancer Registry was established in June 1963 as a unit of the Indian Cancer Society, at Mumbai, with the aim of obtaining reliable morbidity data on cancer, from a precisely defined urban population (Greater Mumbai). The actual compilation of data could however only begin in 1964. Until then, no continuing surveys had ever been undertaken anywhere in India. Initially, up to 1975, the project was initiated in collaboration with and with financial support from the Biometry branch of the National Cancer Institute of the Department of Health in Bethesda, U.S.A.. From 1975-80 the project received grants from the Department of Science and Technology of the Government of India at New Delhi and from the Indian Cancer Society. Since September 1981, the Indian Council of Medical Research, at New Delhi, initially supported the project.

In order to identify the etiological factors that might be implicated in a segment of a selected population, it is necessary to determine the behavioral patterns, habits, customs and environmental background of the group under study. It is also essential to identify the differences, if any, in the site patterns and incidence rates of the disease, amongst various communities living in geographical areas having different patterns of climate and physical environment and dietary habits and social customs, which are known to vary.

With this aim in mind, satellite Cancer Registries were established in population zones of different sizes in Maharashtra State, so that the cancer problem throughout the state could be investigated in depth, in the light of the experience gained from the Mumbai Metropolitan Registry. Thus the first satellite Registry was established in Poona City in 1972, the second at Aurangabad in 1978 and the third at Nagpur in 1980.

#### 2.2 Demographic Characteristics of Registration Areas

##### Greater Mumbai

Greater Mumbai, a densely populated urban metropolis on the west coast of India, occupies an area of 437.7 sq. kms. and it is comprised of the two smallest administrative districts in Maharashtra state, mainly Mumbai city and Mumbai suburbs. It is situated between Latitudes 18° 54' and 19° 18' North and Longitudes 70° 47' and 73° 00' East.



The population of Greater Mumbai as per the 2001 census (on 1st March) was 11,914,398, (55.2% males, 44.8% females) with a sex ratio of 811 females per 1000 males. It has a density of 19,760 inhabitants per sq.km., confirming the fact that it was the most heavily populated district in Maharashtra State. The decennial growth rate of the population between 1991 and 2001 was in the order of 20.2. The literacy rate was found to be 87.0%.

Greater Mumbai is the industrial heart of India and has a multi-religious, multi-lingual population, representing every state in the Union, approximately 67.4% being Hindus, 18.6% Muslims, 3.7% Christians (mostly Hindu converts), 0.6% Sikhs, 5.2% Neo-Buddhists, 4.0% Jains (an ultra-conservative Hindu sect.) and 0.5% Parsis (Zoroastrians).

For the convenience of civic administration and census operation, Greater Mumbai is divided into 15 wards, which are further sub-divided into 88 sections. Currently, the city functions as the administrative Capital of Maharashtra State. For revenue collection, the Greater Mumbai area is divided into two units, the Mumbai City Area Proper and the Mumbai Suburban District.

Mumbai residents receive their water supply from five lakes. Chlorinated water comes from Tansa, Vaitarna and Vihar and filtered water from Ulhas and Tulsi lakes, all being within 50 kms. of the city limits. All these lakes are dependent on the monsoon rains between June and October for their water contents.

Greater Mumbai is, in fact, an island joined to the mainland by a number of bridges. It has a warm and humid climate, the period from November to February being comparatively cooler when the temperature ranges between 20° and 28°C. From the month of March onwards the weather starts getting warmer. April to June is hot, the temperature often touching 35°C during the daytime. The rains start by mid-June and continue through July, August and September. The average annual rainfall is 2500 mms.

Mumbai is the vibrant and pulse setting capital of Maharashtra and the premier city of western India. The commercial capital of India, Mumbai has been described as a "Market Place" and a "Counting House". Today it is a lively city with a character all its own- a major industrial and financial center and it still has an active interest in the arts and theatre. Mumbai is also the main center of the Indian film industry.

**Poona:**

Poona is a district of Maharashtra State lying between 17° and 19° North and 70° and 75° East. It has a dry and invigorating climate due to its altitude, 487 meters above sea level and the prevalence of westerly breezes. Its soil is free from alluvial deposits. The lowest temperature is 9°C in January and the maximum reaches 40°C in May. The main precipitation occurs during the southwest monsoon, which begins around the middle of June and lasts until mid October. The average rainfall is about 900 mm. Poona city receives its water supply from Khadakwasala dam nearby Panshet Varedgaon dam.



Poona city is the headquarters of Western Maharashtra, a geographical division of Maharashtra State. Poona City agglomeration comprises Poona city, Pimpri-Chichnawad area, the Poona Cantonment, the Khadki Cantonment, the Dehu road Cantonment, Hadapsar, Lohagaon, Khadakwasala and Dehu. This agglomeration covers 344.8 kms with a population of 3.55 million (2001 Census). The population density is 10330 per sq.km. and the areas support a multi-religious group. According to the 2001 census 79.70% were Hindus, 8.89% were Muslims, 2.64% were Christians, 5.75% Neobudhists and 2.20% Jains.

Poona City is of great historical importance. It was once the capital of the Maratha kingdom of Shivaji and Peshvas. It has been renowned for its education facilities since the early part of the last century. Being the district headquarters, medical and educational facilities are available in abundance and many important industries have lately been established in the city and its surroundings.

Poona, this one-time capital of the Marathas is today the cultural capital of Maharashtra and is booming with modernization. Located in the Sahyadri hills, it is called the “Queen of the Deccan”. Its hilly environs and good climate lured the British into making it their regional monsoon headquarters. Contemporary life, comprising of clubs, golf courses, and theaters add to the cities growing importance as a corporate and business hub. The National Defence Academy is located at Khadakwasala. The regional theatre bubbles with life and “Natak” (Traditional Theatre) is staged regularly.

**Nagpur:**

Nagpur city is the headquarters of the Vidarbha region, a geographical division of Maharashtra State. The city of Nagpur is located in the center of the Indian sub-continent and is linked by air with all parts of the world, and by rail and road with all parts of the country. Its configuration presents a unique combination of plateau, plain, hill and dale along the Nag Stream following a west-east direction. Nagpur city has an extremely hot climate in May and is moderately cold in winter. The lowest temperature reaches 24°C and the maximum recorded is 47.8°C in May. The main precipitation occurs during the monsoon, which begins around mid-June and lasts until mid-October. The average annual rainfall is about 1130 mm. Nagpur city receives its water supply from Ambazari and Gorewara tanks. Nagpur lies on latitude 21°N and longitude 79°E.

Nagpur city agglomeration comprises Nagpur Municipal Corporation, Kamptee Municipal and Kamptee Cantonment areas. Nagpur city covers 236.93 kms with a population of 2.05 million (2001 Census). The density of the population is 8660 per sq.km. and the area supports a multi-religious group with 71.4% Hindus, 10.3% Muslims, 1.1% Christians, 0.7% Sikhs, 0.8% Jains and 15.4% Neo-budhists.





Nagpur city is of historical importance. There is a mythological reference that the god Rama traversed this region enroute to the Hermitage of Saint Shrutikrishna. He is supposed to have reposed on the Ramtek Hill, which has the name of Ramgiri, where a beautiful poem ("Meghdoot") was composed and written by the famous Sanskrit poet "Kalidas". Buddhists ruins and archaeological remains show that this region was under-developed until the 18<sup>th</sup> century. It was ruled by the Dynasties such as the Vakartaka Rajputs, Rashtrakuts, the Parmars, the Shails and the semi-aboriginal nomadic Gaolies who occupied it from the 6<sup>th</sup> to the 16<sup>th</sup> centuries.

Nagpur was, in its heyday, the capital of the Bhosla Rules of the Maratha Empire. Today it is a thriving industrial center. From here we can visit the little Gandhian village of Sevagram, where Mahatma Gandhi once lived and meditated. This ashram is a pilgrimage center today.

### **Aurangabad:**

Aurangabad city is the headquarters of Marathwada, a geographic division of Maharashtra. Aurangabad covers an area of 50.48 sq.kms. having a population of 8,73,331 (2001 Census). Population density in 2001 was 17,300 per sq.km. and the area supports multi religious groups. According to the 2001 census, 53.19% were Hindus, 29.76% were Muslims, 1.03% were Christians, 13.75% were Neo-Budhists, 1.75% were Jains and 0.32% were Sikhs.

The city receives about 800 mms of rainfall annually. A look at the maximum of 42.4°C and minimum of 8.4°C temperatures reveals that considerable variations occur in the weather during the year. Aurangabad agglomeration comprises Aurangabad city and cantonment area. Aurangabad city receives its water supply from Jaikwadi dam.

Aurangabad is an important industrial town as well as a popular conference center. It is the fastest growing industrial region in Asia, leaders in industry like Videocon, Siemens and Bajaj have units within it's periphery. The city is a convenient base for organizing visits to the world famous Rockfort temples of Ajantha and Elora. Besides, the presence of Buddhist caves in the vicinity shows that the region enjoyed celebrity status as early as the seventh century.

Named after Aurangazeb, last of the six great Moghul emperors and his son, Azam Shah, who built a Mausoleum here for his father's wife, Rabia Durani, Aurangabad lies almost in the center of Maharashtra.

## **2.3 Sources of Information**

Two major sources have been utilized for cancer data collection in all four population based Cancer Registries:

1. All Hospitals, Nursing Homes and Consultants in Private Practice in the respective Registry areas.
2. The Vital Statistics Departments of Public Health of the respective Municipal Corporations.



**Greater Mumbai:**

The Mumbai Cancer Registry covers more than 200 hospitals and private nursing homes in the metropolitan area. The majority of hospitals in Mumbai are maintained by the Municipal Corporation and the State Government that are responsible for the organization of medical and health services in the city. The main source of the cancer data collection is the Tata Memorial Center-Hospital and Research Institute. It is a post graduate teaching center of the University and Autonomous unit supported by the Department of Atomic Energy of India. The city has five medical colleges and two dental colleges.

The diagnosis and treatment of cancer is centralized only to certain hospitals. Major cancer surgery is undertaken at all major hospitals and in a number of well equipped private nursing homes in the city. Facility for premier accelerator heliotherapy is available at the Tata Memorial Hospital. Cobalt-60 therapy is available in 8 institutions while Ortho-voltage deep x-ray therapy is available in 10 other hospitals. In collaborating hospitals, one is a cancer hospital, 18 are municipal hospitals, 19 are government hospitals, 22 are charitable trust hospitals and the remaining hospitals and nursing homes are maintained by private organizations.

**Poona:**

The majority of the hospitals are maintained by the Municipal Corporation, and the State Government, and by a few Public Trusts. There are three medical colleges in the area, B. J. Medical College, associated with the Sasoon General Hospital, The Armed Forces Medical College associated with the Command Hospital and the B.A.M.S. College associated with the Seth Tarachand Hospital.

There are 142 independent hospitals, 15 health centers, 10 nursing homes and 1095 dispensaries in the survey area. The diagnosis and treatment of cancer is, however, centralized in 6 major hospitals: The Sasoon General Hospital, The K.E.M. Hospital, The Ruby Hall Nursing Home, Jahangir Nursing Home, The Inlakh Badhwari Hospital and the Armed Forces Command Hospital. Major Cancer Surgery is undertaken in all these major hospitals; however, cobalt 60 beam therapy is available at Ruby Hall Nursing Home, Inlakh's Badhwari Hospital, and the Armed Forces Command Hospital.

**Nagpur:**

The Municipal Corporation, the State Government and a few Public Trusts maintain the majority of the hospitals in Nagpur city, which are jointly responsible for the organization of public health and medical services in the city. At present there are two medical colleges in the city, the Government colleges in the south of the city and Indira Gandhi Medical College housed in the old Mayo General Hospital on the north side. Today there are 6 Government hospitals and five big hospitals run by the voluntary organizations, as well as more than 20 private nursing homes, offering facilities for diagnosis and treatment of all medical specialties. The city also has specialists practising in neurology, neurosurgery, oncology and cardio-vascular surgery in the public as well as private sector institutions.



The diagnosis and treatment of cancer is however centralized in the six major hospitals, i.e. Government Medical College Hospital, Mayo Hospital, Sant Tukdoji Cobalt Therapy Unit, Mure Memorial Hospital, Orange City Hospital, E.S.I.S. Hospitals, and Nagri Sahakari Rugnalaya. Major Cancer Surgery is undertaken in all these institutions, however, facilities for cobalt-60 beam therapy is only available at the Government Medical Hospital and Sant Tukdoji Cobalt Therapy unit. More than 5000 beds are available for the health care system in various hospitals in this city.

**Aurangabad:**

The main source of our data collection is the Aurangabad Government Medical College and the Dhoot Radiotherapy Center. At present Aurangabad city has 2 medical colleges. The city has 12 hospitals and 51 nursing homes providing 507 beds. Besides these private nursing homes there are facilities available for the diagnosis and treatment of all cancer cases as the city has specialists practising neurology, neurosurgery and medical oncologists, histopathologists and cardio-vascular surgeons in the public as well as private sector institutions.

**2.4 Population Estimates**

Population data was estimated from 1991 and 2001 census reports (As on 1<sup>st</sup> March). The estimates for the year 2001 as on 1<sup>st</sup> July (Mid point of the year) were obtained by assuming the geometric rate of growth for each group and sex. The percentage distribution of the 2001 census population by age and sex for all the population-based Registries is presented by age pyramid separately. The estimated population by age and sex on 1<sup>st</sup> July 2001 is given in tables separately for each registration area.



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



Greater Mumbai: Fig 2.1 : Population Pyramid, Greater Mumbai, 2001 Census

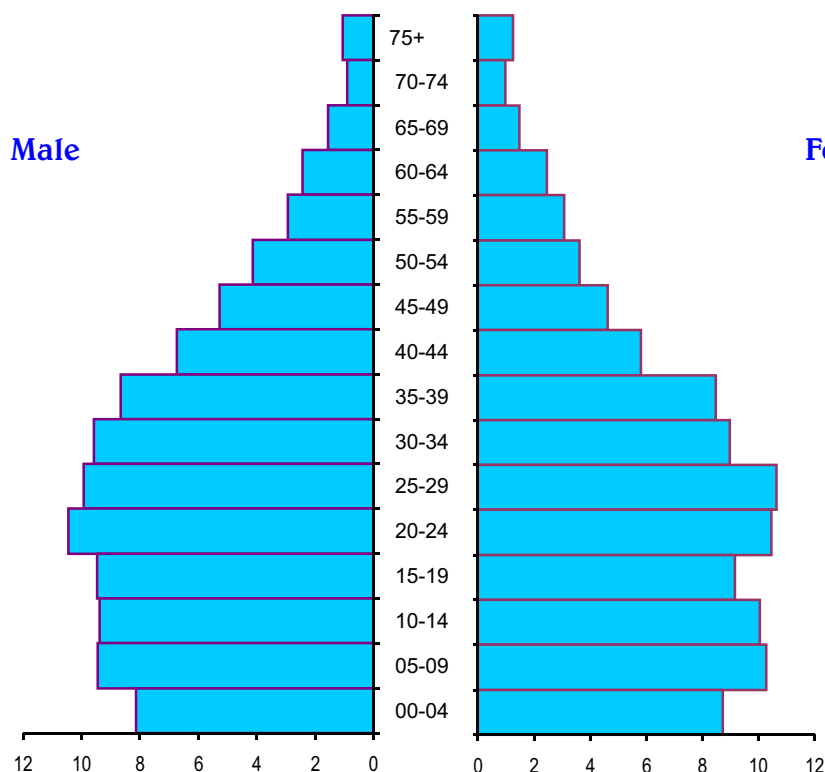


Table 2.1 : Estimated Resident Population by Age and Sex as on 1<sup>st</sup> July, 2001, Greater Mumbai, Total Population (All Religious Communities)

Age Group	Male		Female		Total	
	Number	%	Number	%	Number	%
00-04	493035	8.81	456975	8.48	950010	7.89
05-09	543839	9.70	497964	9.24	1041803	8.65
10-14	616382	9.52	539104	10.00	1155486	9.59
15-19	697767	9.64	516645	9.59	1214412	10.08
20-24	805994	11.32	549238	10.19	1355232	11.25
25-29	719901	10.45	544801	10.11	1264702	10.50
30-34	595694	9.07	455811	8.46	1051505	8.73
35-39	524773	8.08	434856	8.07	959629	7.97
40-44	438361	6.48	329324	6.11	767685	6.37
45-49	359505	5.17	291888	5.42	651393	5.41
50-54	283854	4.03	216552	4.02	500406	4.15
55-59	189046	2.76	156581	2.91	345627	2.87
60-64	144095	2.12	137162	2.55	281257	2.33
65-69	107572	1.26	109776	2.04	217348	1.80
70-74	69262	0.77	72190	1.34	141452	1.17
75+	69116	0.81	80048	1.49	149164	1.24
Total	6658196	100.00	5388915	100.00	12047111	100.00

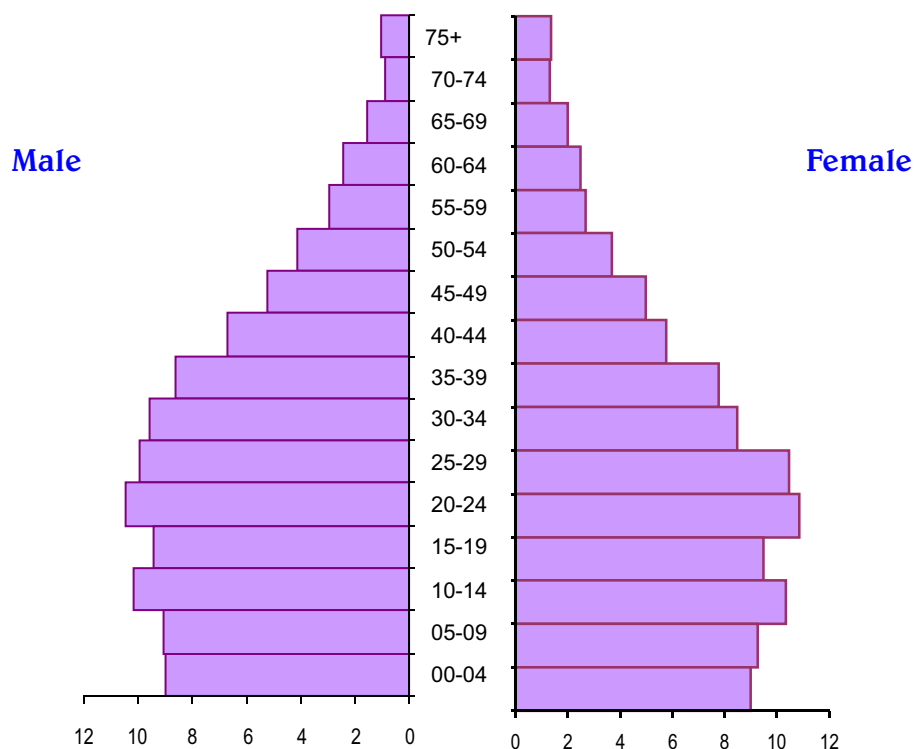


# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Poona: Fig 2.2 : Population Pyramid, Poona, 2001 Census**



**Table 2.2 : Estimated Resident Population by Age and Sex as on 1<sup>st</sup> July, 2001, Poona, Total Population (All Religious Communities)**

Age Group	Male		Female		Total	
	Number	%	Number	%	Number	%
00-04	179575	8.93	161543	8.94	341117	8.94
05-09	180629	8.99	165817	9.18	346446	9.08
10-14	203513	10.13	186658	10.33	390171	10.22
15-19	204847	10.19	171349	9.49	376195	9.86
20-24	228417	11.36	195901	10.85	424318	11.12
25-29	205784	10.24	189245	10.48	395029	10.35
30-34	175068	8.71	153309	8.49	328377	8.60
35-39	148230	7.37	140677	7.79	288907	7.57
40-44	126807	6.31	104502	5.79	231308	6.06
45-49	99864	4.97	90715	5.02	190579	4.99
50-54	82027	4.08	67164	3.72	149191	3.91
55-59	53360	2.65	48723	2.70	102082	2.67
60-64	44140	2.20	44989	2.49	89129	2.34
65-69	31828	1.58	36559	2.02	68386	1.79
70-74	22590	1.12	24106	1.33	46696	1.22
75+	23327	1.16	25010	1.38	48337	1.27
Total	2010005	100.00	1806265	100.00	3816270	100.00

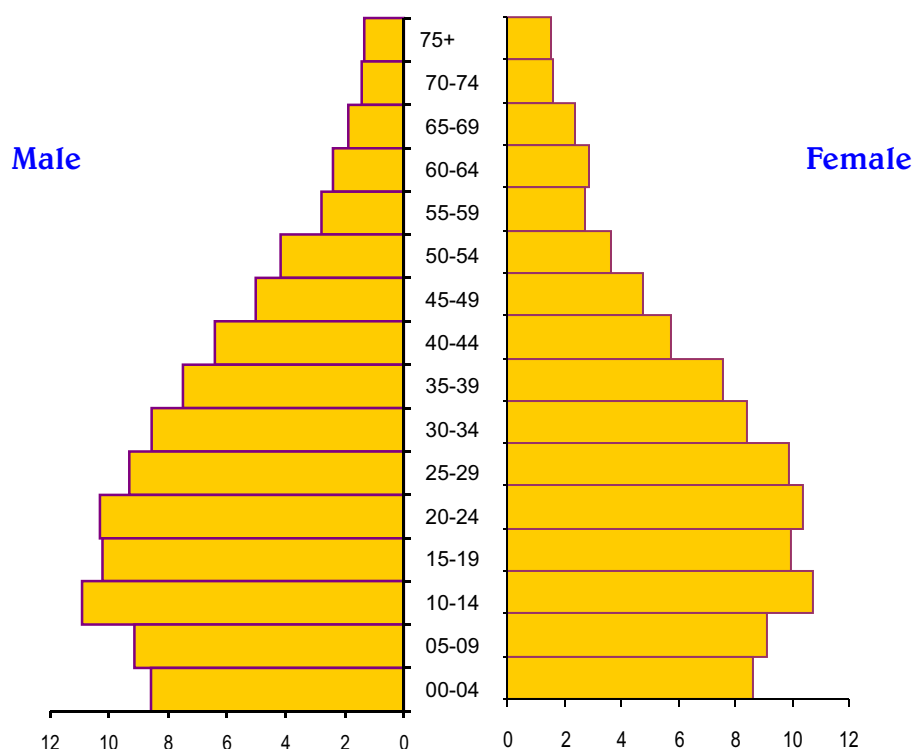


# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Nagpur : Fig. 2.3 : Population Pyramid, Nagpur, 2001 Census**



**Table 2.3 : Estimated Resident Population by Age and Sex as on 1<sup>st</sup> July, 2001, Nagpur, Total Population (All Religious Communities)**

Age Group	Male		Female		Total	
	Number	%	Number	%	Number	%
00-04	94601	8.58	88541	8.62	183143	8.60
05-09	100726	9.14	93796	9.13	194523	9.13
10-14	120271	10.91	111077	10.81	231349	10.86
15-19	112601	10.22	102453	9.97	215054	10.10
20-24	113557	10.30	106433	10.36	219990	10.33
25-29	102570	9.31	101336	9.86	203905	9.58
30-34	94174	8.55	86191	8.39	180365	8.47
35-39	82530	7.49	77861	7.58	160390	7.53
40-44	70730	6.42	59204	5.76	129934	6.10
45-49	55309	5.02	49125	4.78	104435	4.90
50-54	46141	4.19	37527	3.65	83668	3.93
55-59	30852	2.80	28223	2.75	59074	2.77
60-64	26565	2.41	29340	2.86	55905	2.63
65-69	20817	1.89	24529	2.39	45346	2.13
70-74	15752	1.43	16341	1.59	32092	1.51
75+	14813	1.34	15513	1.51	30326	1.42
Total	1102010	100.00	1027490	100.00	2129500	100.00

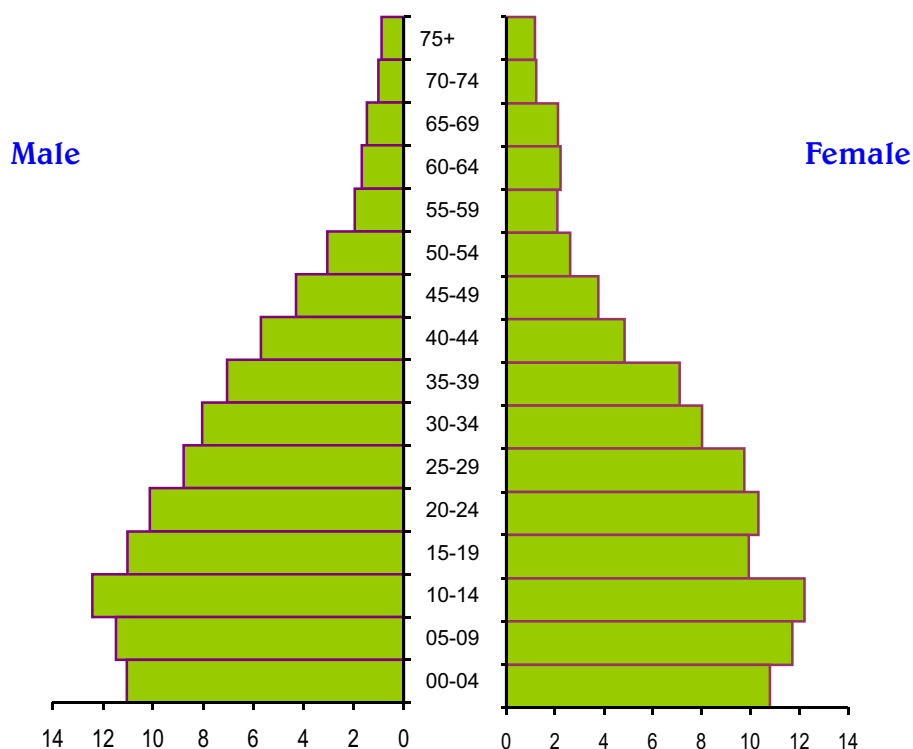


# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Aurangabad : Fig 2.4 : Population Pyramid , Aurangabad, 2001 Census**



**Table 2.4: Estimated Resident Population by Age and Sex as on 1<sup>st</sup> July, 2001, Aurangabad, Total Population (All Religious Communities)**

Age Group	Male		Female		Total	
	Number	%	Number	%	Number	%
00-04	51787	11.04	45710	10.80	97497	10.92
05-09	53810	11.47	49652	11.73	103462	11.59
10-14	58232	12.41	51681	12.21	109913	12.32
15-19	51643	11.01	42079	9.94	93722	10.50
20-24	47531	10.13	43764	10.34	91295	10.23
25-29	41248	8.79	41214	9.74	82462	9.24
30-34	37708	8.04	33912	8.01	71619	8.02
35-39	33067	7.05	30095	7.11	63162	7.08
40-44	26678	5.69	20556	4.86	47235	5.29
45-49	20120	4.29	15989	3.78	36109	4.05
50-54	14361	3.06	11128	2.63	25489	2.86
55-59	9165	1.95	8891	2.10	18056	2.02
60-64	7924	1.69	9390	2.22	17313	1.94
65-69	6968	1.48	9000	2.13	15968	1.79
70-74	4787	1.02	5246	1.24	10034	1.12
75+	4208	0.90	4942	1.17	9150	1.03
Total	469238	100.0	423247	100.00	892485	100.00



## 2.5 Cancer Registration System

In all the four Registries we adopt an active method of data collection on cancer patients. Staff members personally visit the wards of the co-operating hospitals regularly to interview all confirmed cancer patients and also those who are under cancer investigation. The record files maintained by the various departments of these hospitals viz. Pathology, Hematology, Radiology and the various registers in the specialized surgical and medical wards are also examined. The requisite details obtained for each patient are cross-checked with the information collected from the various departments of the collaborating hospitals to ensure completeness of records. Full information about every cancer patient registered at each and every hospital is thus obtained, irrespective of whether or not the patient is subsequently treated at the particular hospital. Additional information is obtained every time a cancer patient is re-admitted or re-examined at the Institution.

As a result of such data collected from different hospitals, the same patient is sometimes found to be registered at two or more hospitals. Care is taken to see that multiple entries of the same patient are not made in our records. On the other hand, in some instances, complete medical information on the same patient is obtained by combining the data obtained from two or more hospitals. Patients attending the clinics (out-patient departments) of various hospitals are not included in our Registry, except in the case of the Tata Memorial Cancer Hospital, because of a paucity of medical details and information on the residential status in the record files maintained in the out-patient clinics of general hospitals.

Supplementary information can often be gleaned from the death records maintained by the Vital Statistics Division of the respective Municipal Corporations. Copies are made of all death certificates which mention cancer or tumor as the cause of death. These death certificates are then matched against the registered cases in our files. Every cancer death not traceable to an entry in our files is labelled as an "unmatched death" and the date of death is then taken as the date of the first diagnosis, and is so registered in the corresponding year's data file. Furthermore, copies of all death certificates where the term 'Cancer' or 'Tumor' is mentioned as the cause of death, are individually scrutinized to confirm the statement.

General Medical Practitioners who are also family physicians are not contacted individually, but if any of them are found to have signed the death certificate of a patient dying of cancer, then they are approached personally to obtain as complete a report as possible of these patients, whether or not they have already been listed in the Registry. In many instances, the diagnosis may appear to have been based on incomplete examination, if the patient had been seen for the first time in an advanced stage of the disease. The certifying physician is then again approached personally to obtain further clarification.



After collecting the necessary information from the various collaborating institutes, the Proforma sheets are classified into three groups, resident, non-resident and residence not known. Non-resident cases are filed site wise and sex wise. If the cancer patient whose duration of residence is not known is found enrolled in the electoral rolls, he is considered as a resident. All other cases whose duration of residence is not known, are filed alphabetically. The resident cases are cross checked with the cards of the alphabetic index. Previously reported cases are edited, registered and filed according to the site of cancer, the sex of the patient and the registration number.

Copies of the death certificates, from the Vital Statistics Department of the Municipal Corporation are classified according to residential criteria. Non-resident cases are filed alphabetically, as per cause of death and sex. Resident cases are checked with the alphabetic index. Unmatched cases are registered in the morbidity files. All cancer deaths are filed numerically, by sex and cause of death.

## **2.6 Cancer Incidence Reporting System**

Cancer incidence is defined as the occurrence of new cancer cases in a defined population during a specified time period. For the purpose of this report, 2001 incidence is based on those cancers registered and first diagnosed between 1st January 2001 and 31st December 2001 in all four Registries.

Incidence reflects the number of primary tumors rather than the number of individuals with cancer. The Databases of all the four Registries record multiple primary cancers in the same person, of which only some are counted for incidence purposes according to the rules of the International Agency for Research on Cancer and the International Association of Cancer Registries.

All malignant tumors including those where the pathologist may have merely suspected a malignant change are registered. Cases under code 'O' (benign) or '1' (uncertain whether benign or malignant or borderline malignancy) or '2' (carcinoma in situ) are not included in our files. Cancer cases where the death certificate is the only source of information are however included. Patients in whom cancer has been ruled out or has not yet been diagnosed are also omitted from our Register.

We utilize the coding system devised by the World Health Organization using code numbers C00.1-C98.9 as published in the Manual of the International Classification of Diseases, Injuries and Causes of Death (10th revision). We also utilize the International Classification of Diseases for Oncology, (ICDO-3) simultaneously, for coding the primary site.

For histology coding, the World Health Organization's International Classification of Diseases for Oncology (ICDO-3) giving histogenic and malignancy codes is followed, in conjunction with the primary site codes suggested by the World Health Organization.





# CHAPTER 3

## TOTAL CANCER INCIDENCE

Cancer Incidence refers to the number of new cases of cancer in the population of a defined geographic area over a definite period of time. Site specific annual cancer incidence rates are the number of site specific cancers in a year per 100,000 persons at risk. In this publication rates are calculated for a one year period i.e. for 2001.

The geographic area covered by the four population based Registries and the estimated mid-year population by sex for the year 2001 are given in Table 3.1

**Table 3.1 : Area Covered and Estimated Population by Sex, 2001**

Registry	Area covered	Male	Female	Total
Mumbai	437.7	6658196	5388915	12047111
Poona	344.8	2010005	1806265	3816270
Nagpur	236.9	1102010	1027490	2129500
Aurangabad	50.5	469238	423247	892485

The number of cases registered by each of the Registries in 2001 are given in Table 3.2

**Table 3.2: Total Number of Cases Registered by Sex, 2001**

Registry	Male	Female	Total
Mumbai	4520	4522	9044
Poona	1210	1464	2674
Nagpur	884	910	1794
Aurangabad	177	180	357

The crude (CR), age adjusted (AAR) and truncated (TR) incidence rates are given in Table 3.3 and Fig. 3.1

**Table 3.3 : Crude (CR), Age Adjusted (AAR) & Truncated (TR) Incidence Rates per 100,000 Population, by Sex in Different Registries , 2001**

Registry	Male			Female		
	CR	AAR	TR	CR	AAR	TR
Mumbai	68.1	115.9	156.8	84.0	127.2	232.9
Poona	67.2	87.2	130.6	81.1	106.2	206.3
Nagpur	80.2	101.6	185.3	88.6	103.0	230.2
Aurangabad	37.7	65.2	107.5	42.0	59.0	126.3



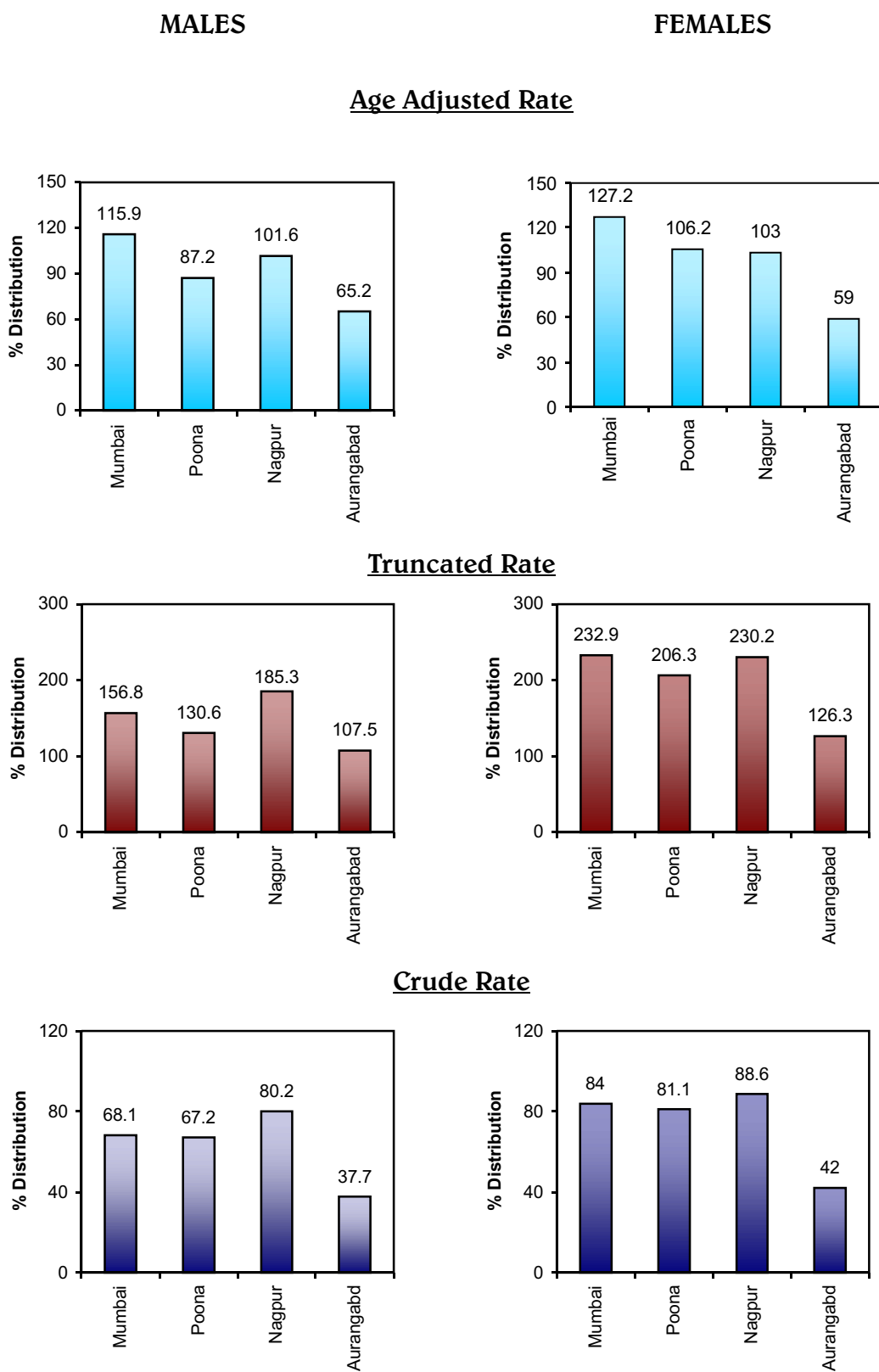
The crude rate varies in males, 37.7 per 100,000 in Aurangabad to 80.2 per 100,000 in Nagpur, and in females it varies from 42.0 in Aurangabad to 88.6 in Nagpur. The age adjusted incidence rate also shows variation. As expected, Mumbai, the capital of Maharashtra has the highest age adjusted incidence rates in both the sexes. In all the Registries, crude, age adjusted and truncated incidence rates are higher in females than in males.

Fig. 3.2 illustrates the age specific rates for all sites of cancer in the four Registries by sex. The graphs show increasing rates of cancer with increase in age and the graphs for Mumbai, Poona and Nagpur are close together without fluctuations, indicating similarities in the rise.

Tables on the number of incidence by 5-year age group for site and sex; age specific, crude, age adjusted and truncated (35-64 years) incidence rates by sex; basis of diagnosis by site and sex and number of cases by religion with the percentage distributions for each registry are given at the end of the report.



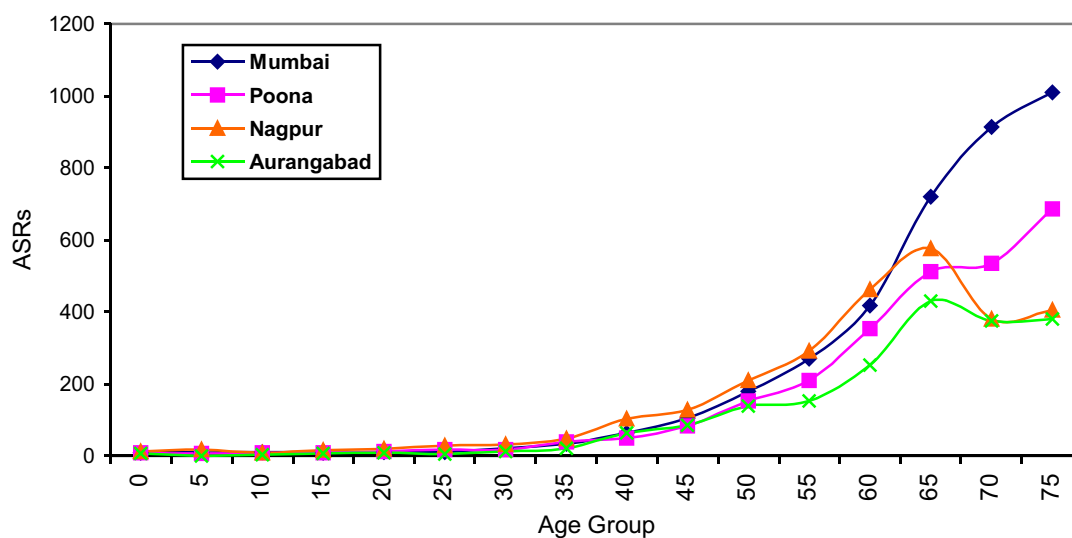
**Fig. 3.1 : Age Adjusted, Truncated, Crude Rates, All Sites of Cancer**



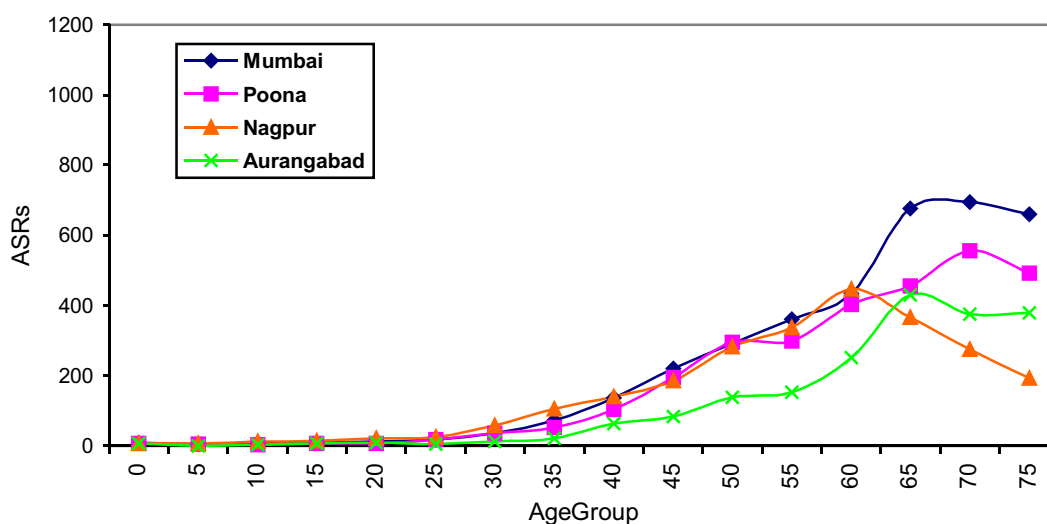


**Fig 3.2 : Average Annual Age Specific Cancer Morbidity Rates, for all Sites, Mumbai**

## Males



## Females





## CHAPTER 4

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### LEADING SITES OF CANCER AND NATIONAL COMPARISON

Tables 4.1 to 4.4 and the corresponding bar charts in Figures 4.1 to 4.4 give the leading sites of cancer in the four Registries in males and females. The leading sites of cancer were decided on the basis of relative proportion of all sites of cancer in that sex, in other words, based on crude incidence rates.

Among males, cancer of the lung occupies the first rank in Mumbai, fourth in Poona and Aurangabad and fifth in the Nagpur Registry. Cancer of the mouth occupies topmost rank in Poona and third in the Mumbai and Aurangabad Registries. Cancer of the larynx occupies first rank in Nagpur and second in the Mumbai and Poona Registries. Cancer of the oesophagus, which ranks first in Aurangabad, ranks third in Nagpur and fourth in the Mumbai Registry. Cancer of the tongue, prostate, and lymphomas also occupy place in the ten leading sites of cancers among all four Registries.

Among females breast occupies first place followed by cervix uteri and ovary in all four Registries. Cancers of the oesophagus, lung, mouth, leukemias and lymphomas also occupy places in the ten leading sites of cancer in all four Registries.

National comparisons of age adjusted incidence rates for all sites together and for some selected sites are shown in figures 4.5 to 4.14



**Table 4.1 : Ten Leading Sites of Cancer- Mumbai**

## Males

No	Site	Cases	%	CR	AAR	TR
1	Lung	373	8.3	5.6	10.7	14.5
2	Larynx	295	6.5	4.4	8.5	10.1
3	Mouth	255	5.6	5.1	7.7	15.9
4	Oesophagus	252	5.6	3.8	7.2	8.2
5	Lymphomas	250	5.5	33.6	5.4	7.8
6	Prostate	247	5.5	3.7	8.3	4.8
7	Tongue	218	4.8	3.3	5.2	9.5
8	Liver	176	3.9	2.7	5.2	4.5
9	Bladder	176	3.9	2.7	5.0	5.9
10	Stomach	175	3.9	2.6	4.8	7.8
	<b>All Sites</b>	<b>4520</b>	<b>100.0</b>	<b>68.1</b>	<b>115.9</b>	<b>156.8</b>

## Females

No	Site	Cases	%	CR	AAR	TR
1	Breast	1212	26.8	22.5	33.1	69.9
2	Cervix	632	14.0	11.7	17.2	38.3
3	Ovary	359	7.9	6.7	9.6	18.3
4	Oesophagus	190	4.2	3.5	6.0	10.1
5	Mouth	156	3.5	2.9	4.8	9.3
6	Leukemias	153	3.4	2.8	3.7	3.7
7	Lymphomas	133	2.9	2.5	4.3	5.3
8	Lung	121	2.7	2.2	3.7	6.0
9	Corpus Uteri	120	2.7	2.2	3.7	7.4
10	Brain	120	2.7	2.2	4.3	4.3
	<b>All Sites</b>	<b>4522</b>	<b>100.0</b>	<b>84.0</b>	<b>127.2</b>	<b>232.9</b>



**Table 4.2 : Ten Leading Sites Of Cancer- Nagpur**

## Males

No	Site	Cases	%	CR	AAR	TR
1	Larynx	70	7.9	6.4	9.1	18.9
2	Leukemias	64	7.3	5.9	5.7	7.2
3	Oesophagus	57	6.4	5.2	6.8	11.2
4	Tongue	56	6.3	5.1	6.6	13.7
5	Lung	55	6.2	5.0	6.8	11.7
6	Lymphomas	54	6.2	4.9	6.0	10.6
7	Mouth	50	5.6	4.5	5.9	13.9
8	Stomach	32	3.6	2.9	3.8	6.6
9	Brain	31	3.5	2.8	3.2	5.9
10	Rectum	28	3.2	2.5	3.2	5.8
	<b>All Sites</b>	<b>884</b>	<b>100.0</b>	<b>80.2</b>	<b>101.6</b>	<b>185.3</b>

## Females

No	Site	Cases	%	CR	AAR	TR
1	Breast	260	28.6	25.3	29.0	70.4
2	Cervix	163	17.9	15.9	19.1	46.7
3	Ovary	61	6.7	5.9	6.7	16.6
4	Oesophagus	37	4.1	3.6	4.4	9.1
5	Leukemias	32	3.6	3.2	3.3	3.5
6	Mouth	27	3.0	2.7	3.2	6.9
7	Brain	24	2.6	2.3	2.4	4.9
8	Lymphomas	24	2.6	2.3	2.4	3.5
9	Colon	20	2.2	1.9	2.4	6.0
10	Lung	20	2.2	1.9	2.2	6.2
	<b>All Sites</b>	<b>910</b>	<b>100.0</b>	<b>88.6</b>	<b>103.0</b>	<b>230.2</b>



**Table 4.3 : Ten Leading Sites Of Cancer- Poona**

## Males

No	Site	Cases	%	CR	AAR	TR
1	Mouth	99	8.2	5.4	6.8	16.3
2	Larynx	90	7.4	5.0	7.5	12.0
3	Lymphomas	72	6.0	2.5	3.0	3.0
4	Lung	71	5.9	3.9	5.8	7.8
5	Prostate	70	5.8	3.9	6.0	2.7
6	Oesophagus	66	5.5	3.7	5.1	8.3
7	Liver	55	4.5	3.0	3.8	6.1
8	Brain	55	4.5	3.0	3.1	3.8
9	Stomach	50	4.1	2.8	3.6	6.6
10	Leukemias	49	4.0	2.7	2.9	3.2
	<b>All Sites</b>	<b>1210</b>	<b>100.0</b>	<b>67.0</b>	<b>87.2</b>	<b>130.6</b>

## Females

No	Site	Cases	%	CR	AAR	TR
1	Breast	352	24.0	19.5	25.0	57.1
2	Cervix	268	18.3	14.8	19.4	42.0
3	Ovary	117	8.0	6.4	8.4	16.0
4	Mouth	67	4.6	3.7	5.0	10.9
5	Lymphomas	62	4.3	3.5	4.4	6.7
6	Oesophagus	46	3.1	2.5	3.7	3.9
7	Lung	41	2.8	2.3	3.1	5.7
8	Leukemias	35	2.4	1.9	2.3	1.5
9	Colon	35	2.4	1.9	2.7	5.2
10	Stomach	33	2.3	1.8	2.6	4.0
	<b>All Sites</b>	<b>1464</b>	<b>100.0</b>	<b>81.1</b>	<b>106.2</b>	<b>206.3</b>





**Table 4.4 : Ten Leading Sites Of Cancer- Aurangabad**

## Males

No	Site	Cases	%	CR	AAR	TR
1	Oesophagus	21	11.9	4.5	9.0	11.8
2	Hypopharynx	18	10.2	3.8	7.3	11.3
3	Mouth	16	9.1	3.5	6.0	8.1
4	Lung	15	8.5	3.2	5.7	9.9
5	Tongue	10	5.6	2.1	3.5	3.9
6	Liver	9	5.1	1.9	3.9	6.2
7	Lymphomas	9	5.1	2.0	2.6	4.4
8	Oropharynx	8	4.5	1.7	2.9	2.8
9	Larynx	7	4.0	1.5	3.0	4.2
10	Prostate	6	3.4	1.3	2.4	3.6
	<b>All Sites</b>	<b>177</b>	<b>100.0</b>	<b>37.7</b>	<b>65.2</b>	<b>107.5</b>

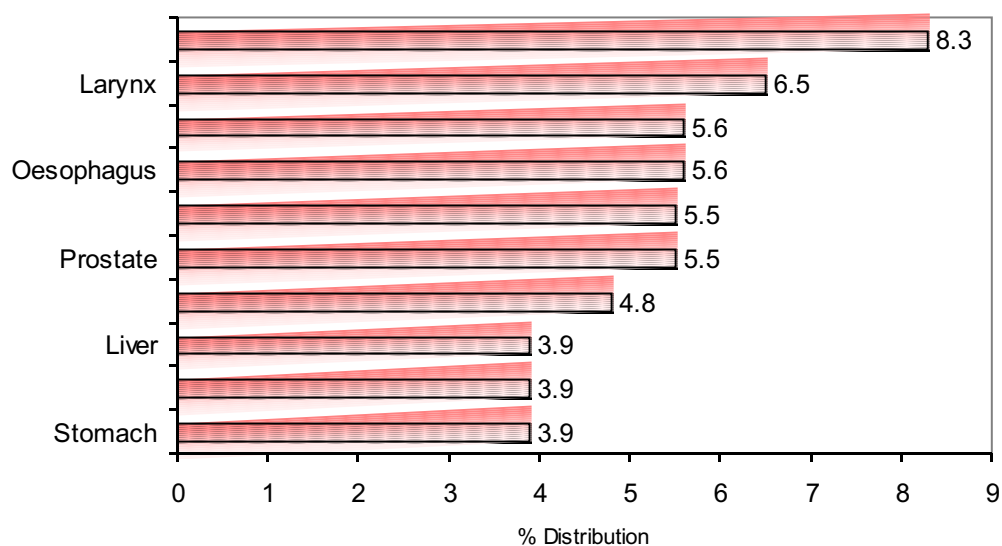
## Females

No	Site	Cases	%	CR	AAR	TR
1	Breast	48	26.7	11.3	15.6	36.7
2	Cervix	34	18.9	8.0	11.6	27.4
3	Mouth	12	6.7	2.8	4.3	7.3
4	Oesophagus	11	6.1	2.6	4.1	6.4
5	Lung	8	4.4	1.9	2.8	5.5
6	Con.&Soft Tissue	7	3.9	1.7	2.0	2.8
7	Leukemias	7	3.9	1.6	2.8	4.8
8	Pluera	6	3.3	1.4	2.1	5.8
9	Ovary	6	3.3	1.4	1.7	1.6
10	Corpus uteri	5	2.8	1.2	1.5	4.2
	<b>All Sites</b>	<b>180</b>	<b>100.0</b>	<b>42.5</b>	<b>59.0</b>	<b>126.3</b>

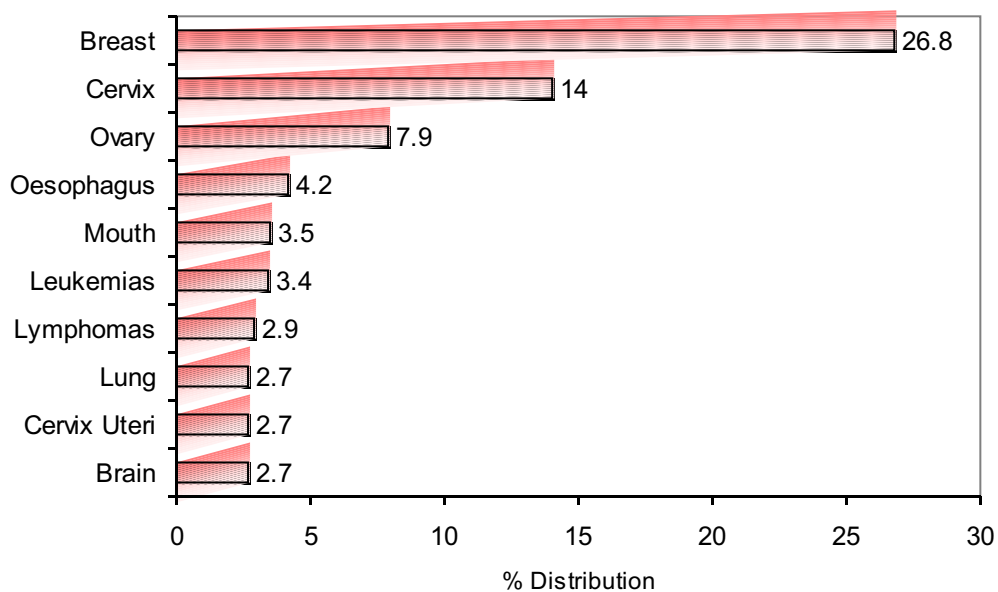


**Fig. 4.1 : Ten Leading Sites Of Cancer- Mumbai**

## Males



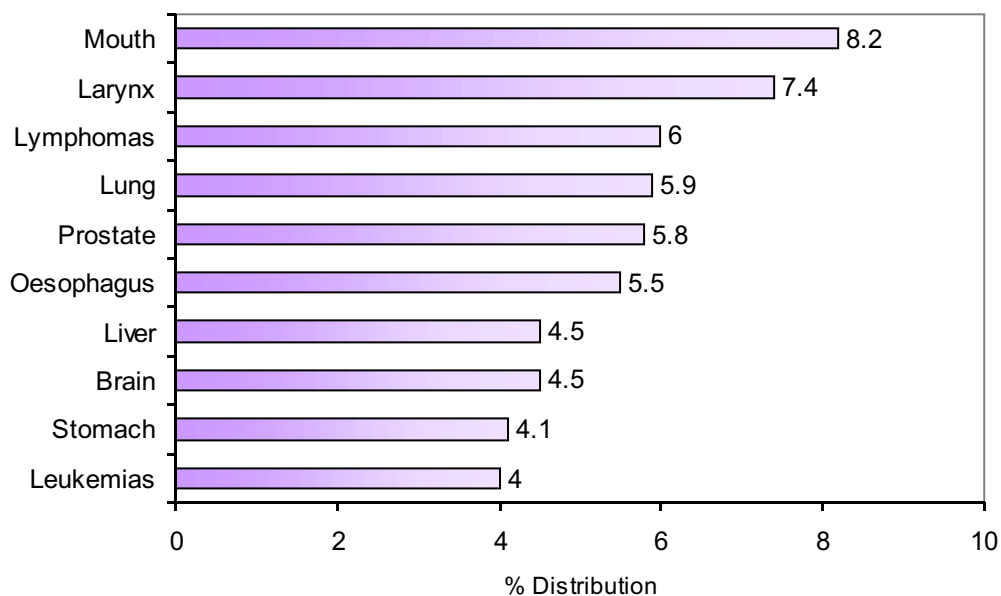
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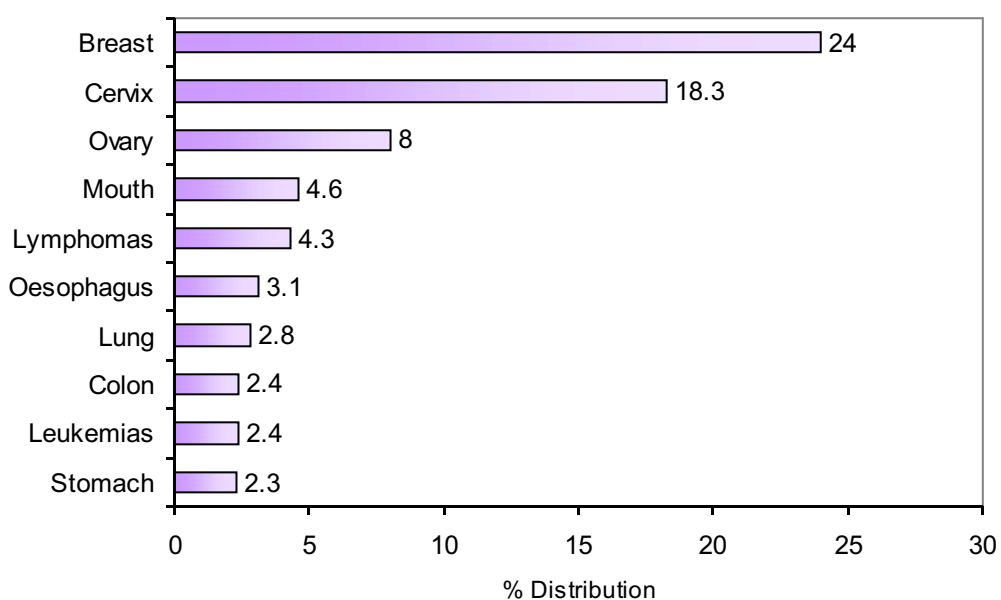


**Fig. 4.2 : Ten Leading Sites of Cancer- Poona**

## Males



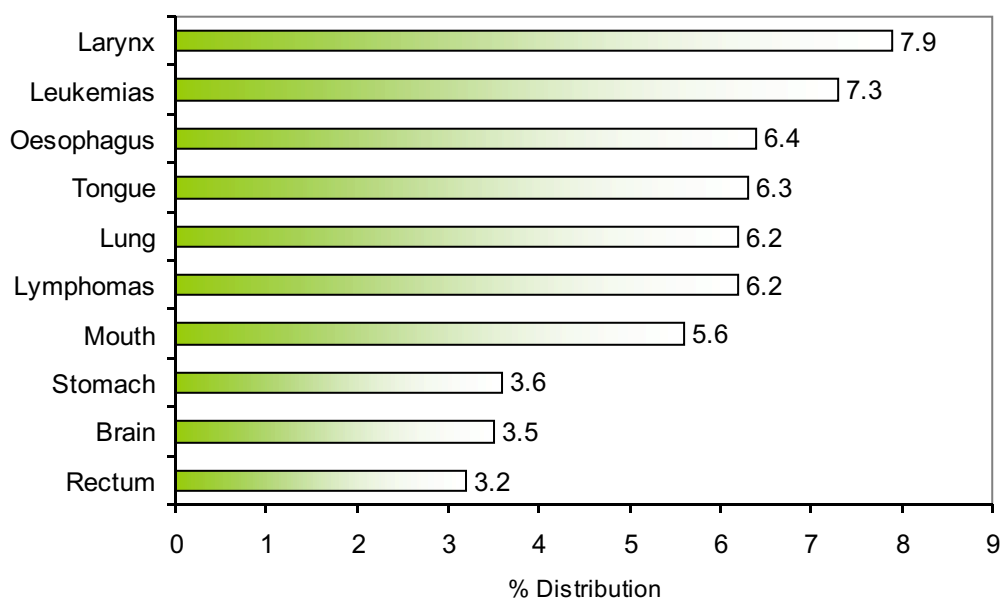
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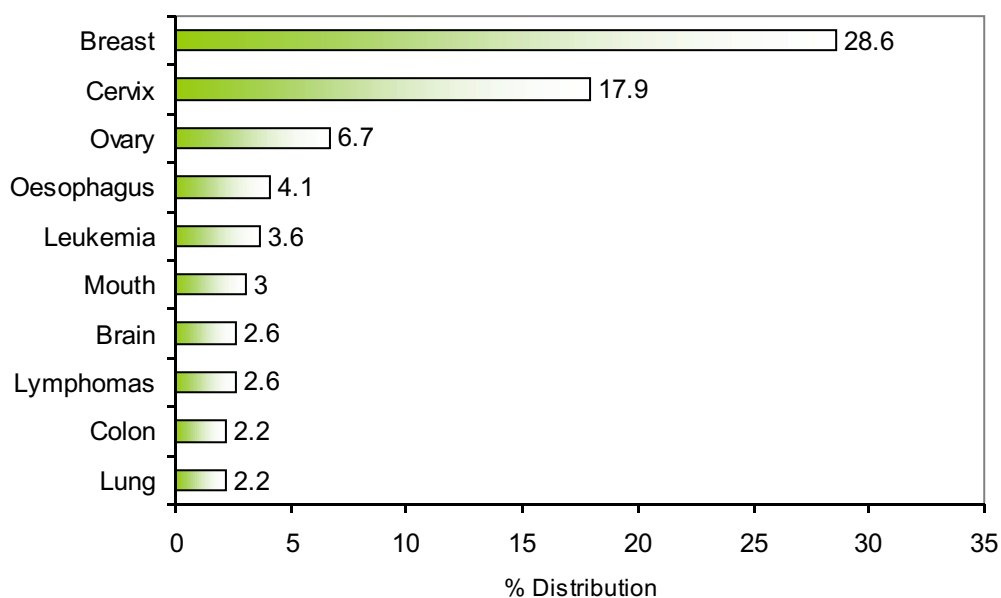


**Fig. 4.3 : Ten Leading Sites of Cancer- Nagpur**

## Males



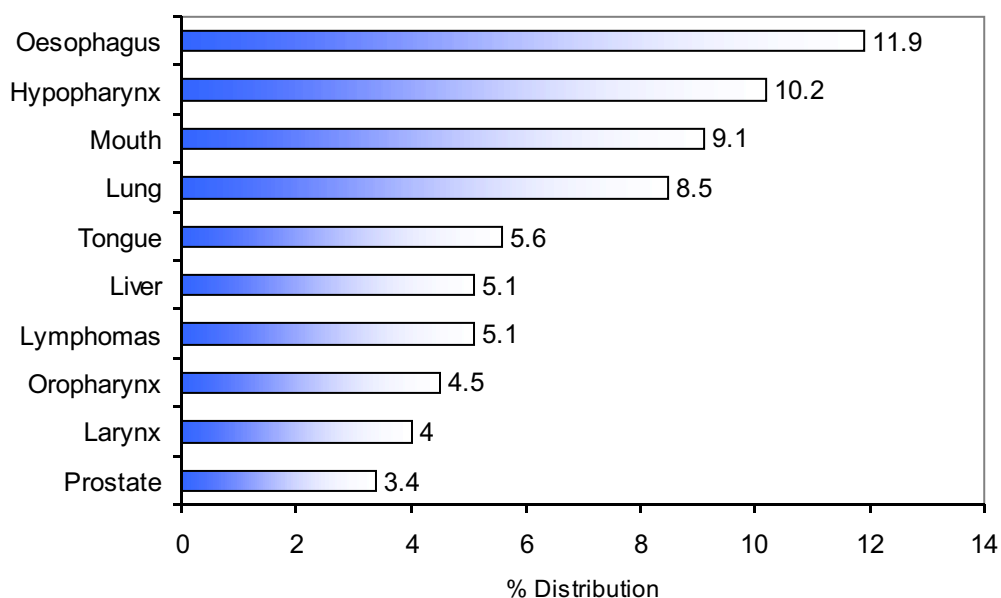
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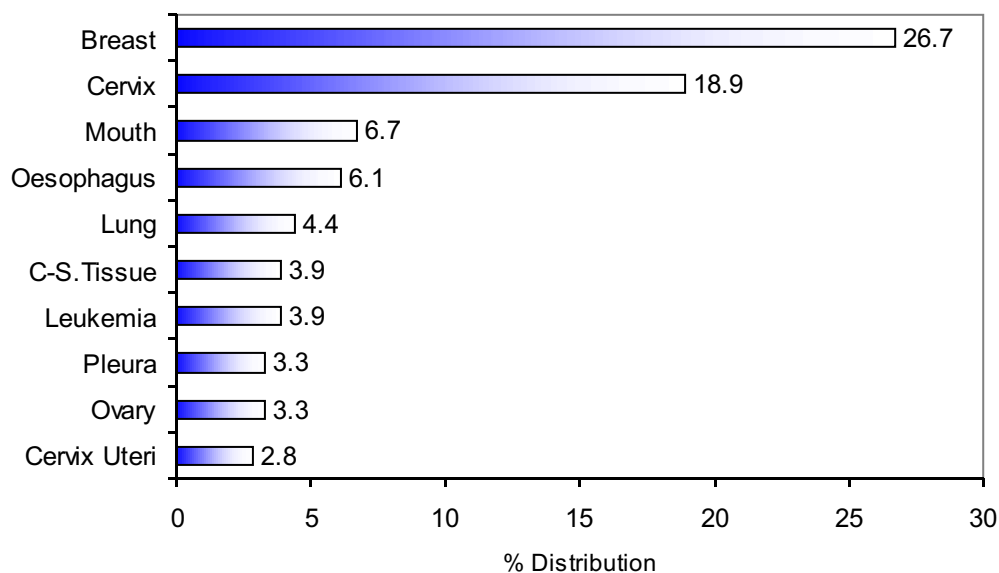


**Fig. 4.4 : Ten Leading Sites of Cancer- Aurangabad**

## Males



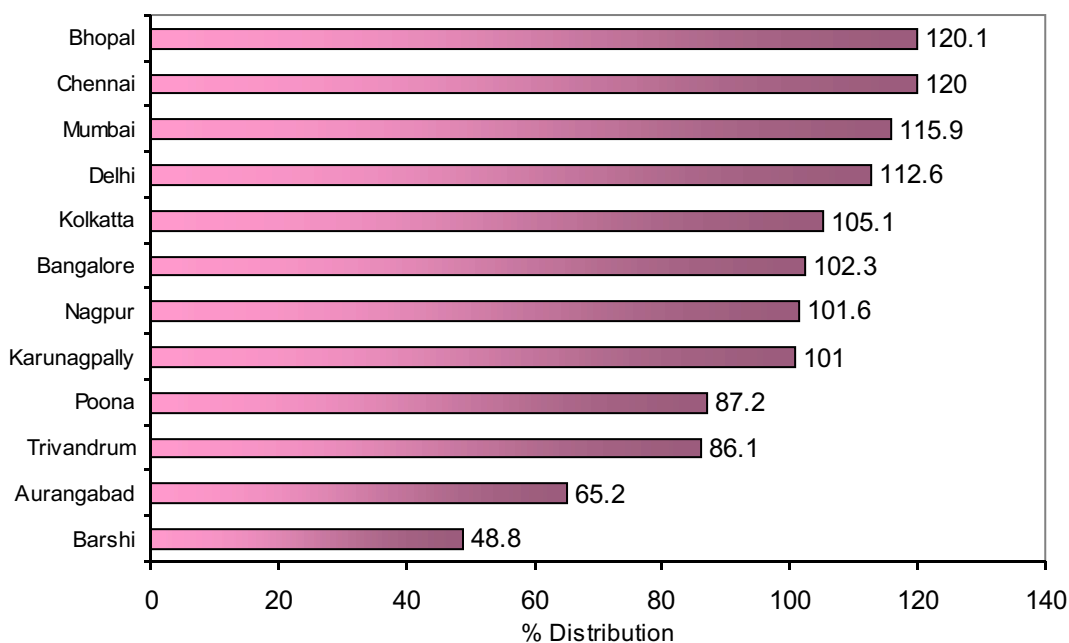
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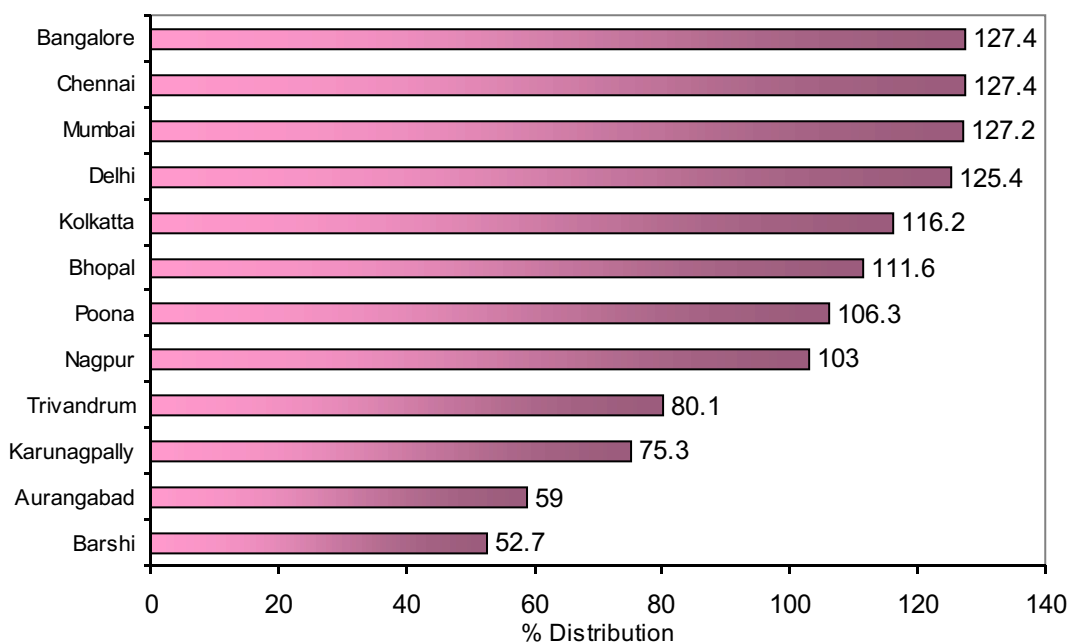


**Fig 4.5 : National Comparison of Age Adjusted Rates (AAR) of all Sites**

## Males



## Females



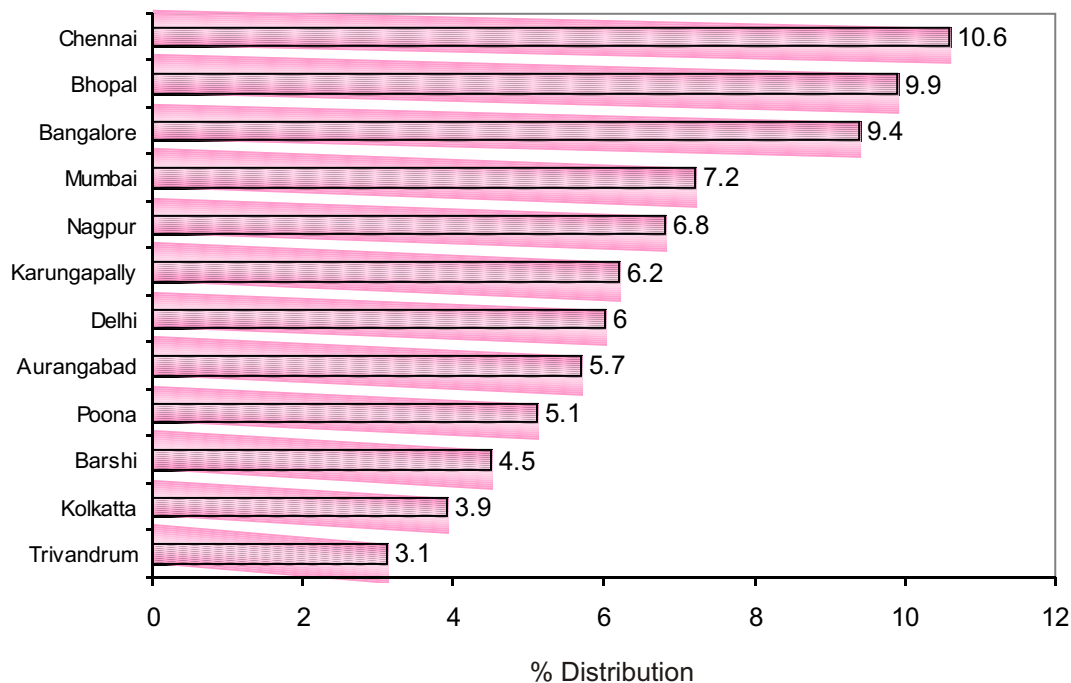


## CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

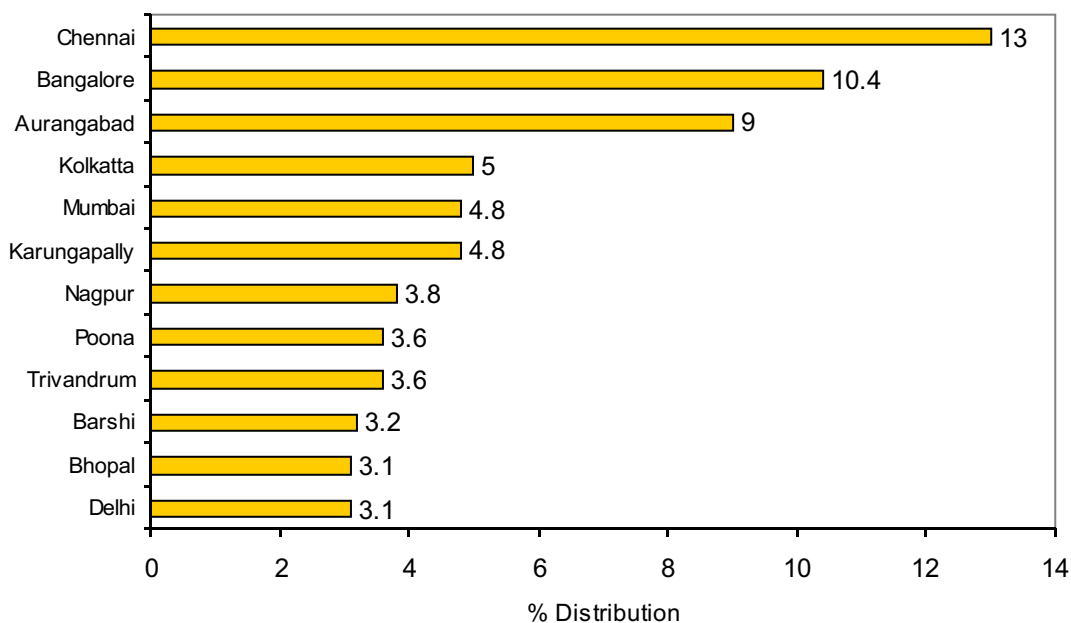
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**Fig 4.6 : National Comparison of Age Adjusted Rates (AAR) for Oesophagus, Male**

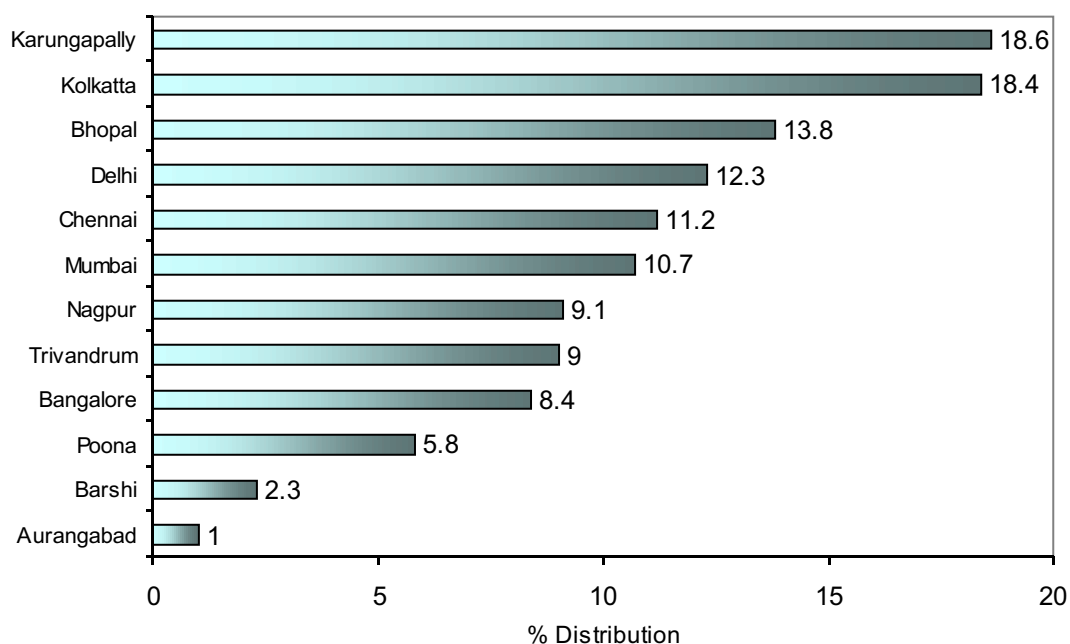


**Fig 4.7 : National Comparison of Age Adjusted Rates (AAR) for Stomach, Male**

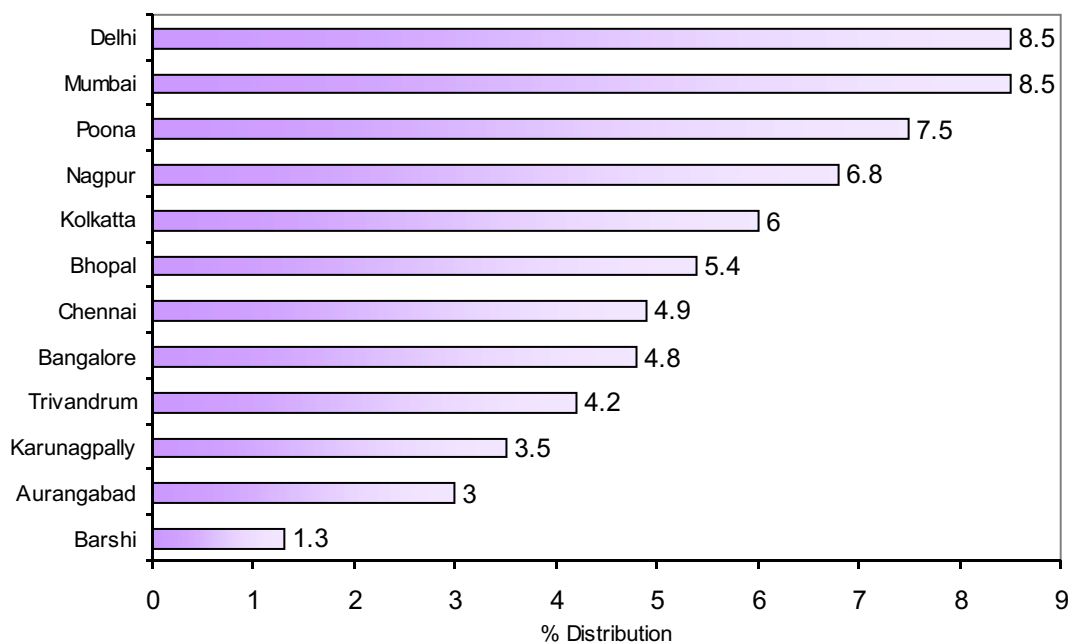




**Fig 4.8 : National Comparison of Age Adjusted Rates (AAR) for Lung, Male**



**Fig 4.9 : National Comparison of Age Adjusted Rates (AAR) for Larynx , Male**





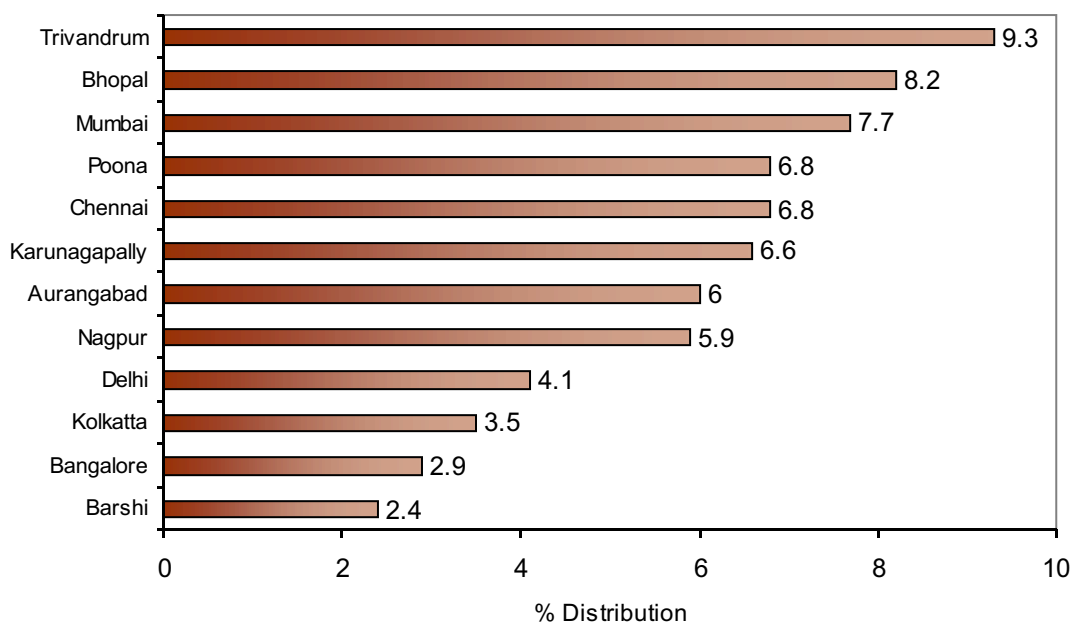


## CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

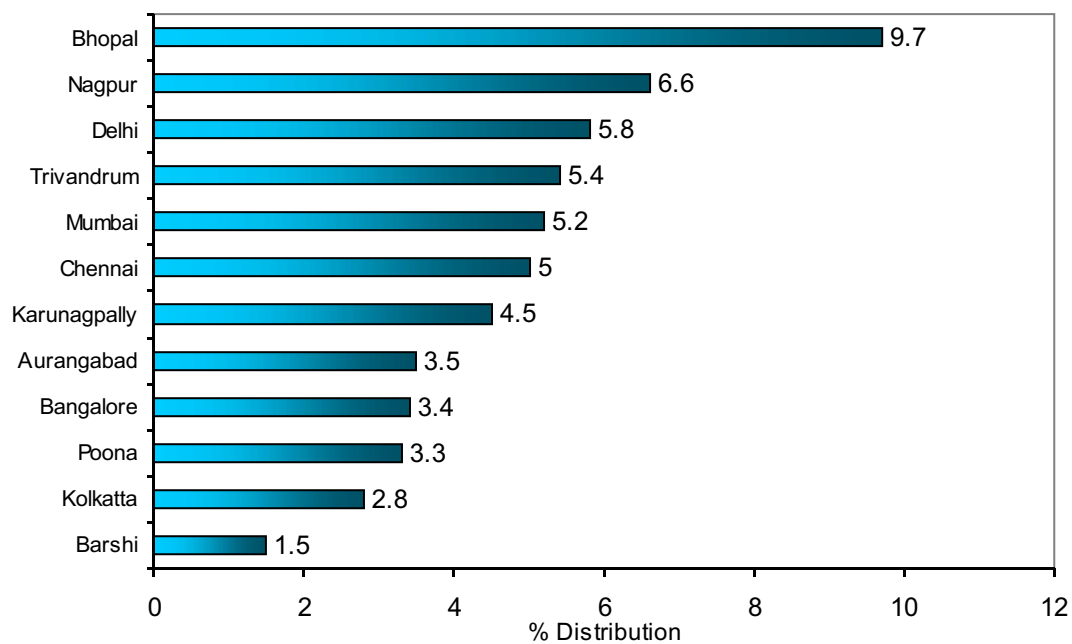
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**Fig 4.10 : National Comparison of Age Adjusted Rates (AAR) for Mouth , Male**

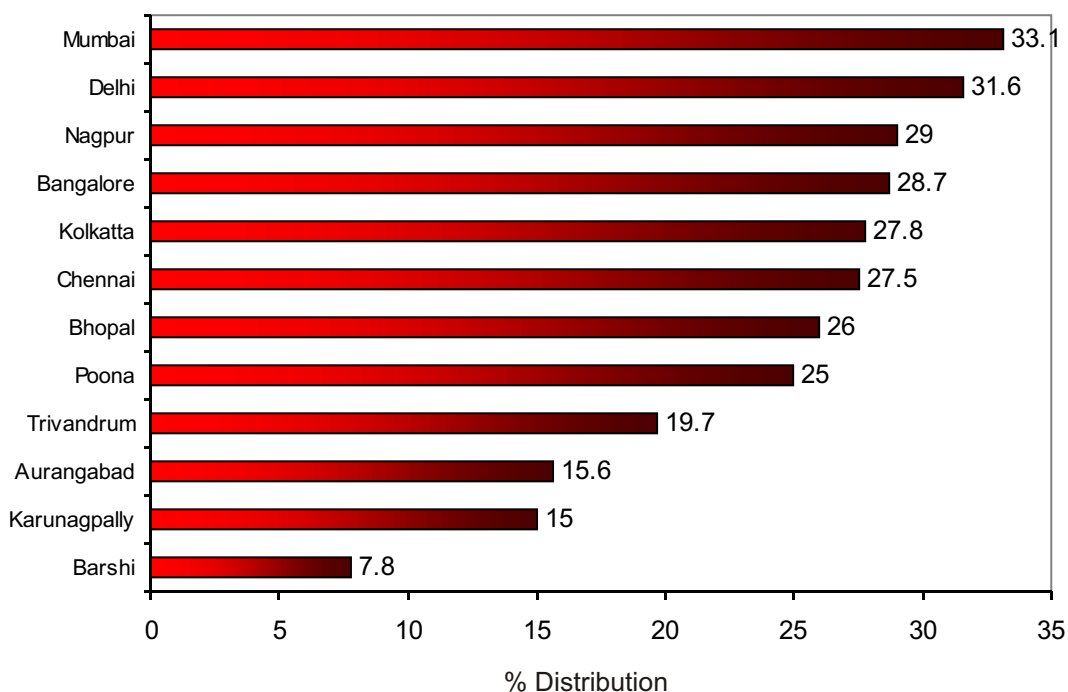


**Fig 4.11 : National Comparison of Age Adjusted Rates (AAR) for Tongue, Male**

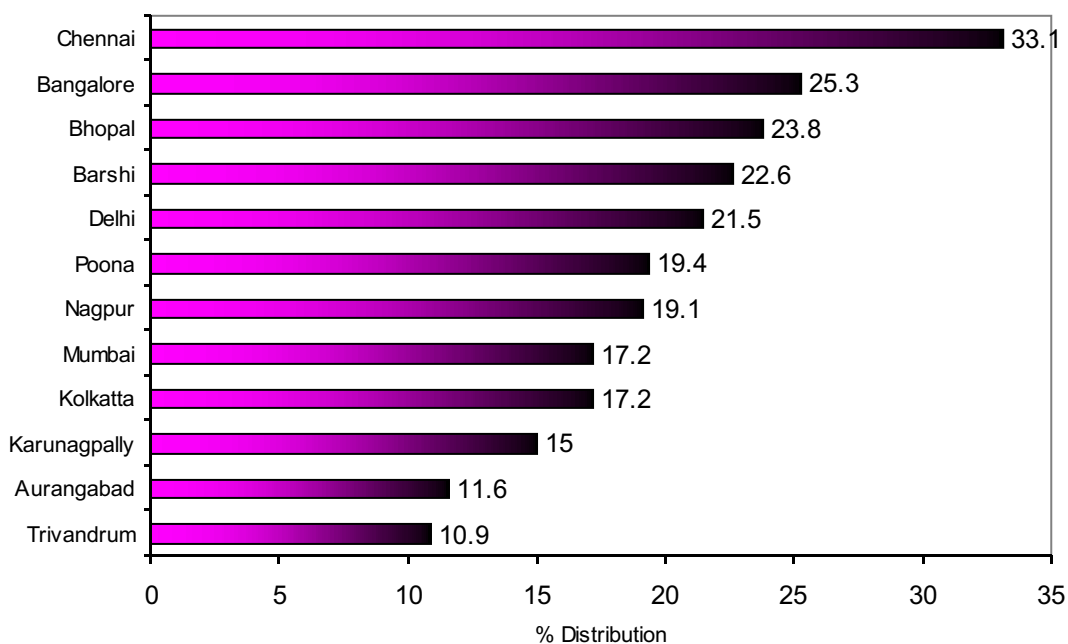




**Fig 4.12 : National Comparison of Age Adjusted Rates (AAR) for Breast, Female**

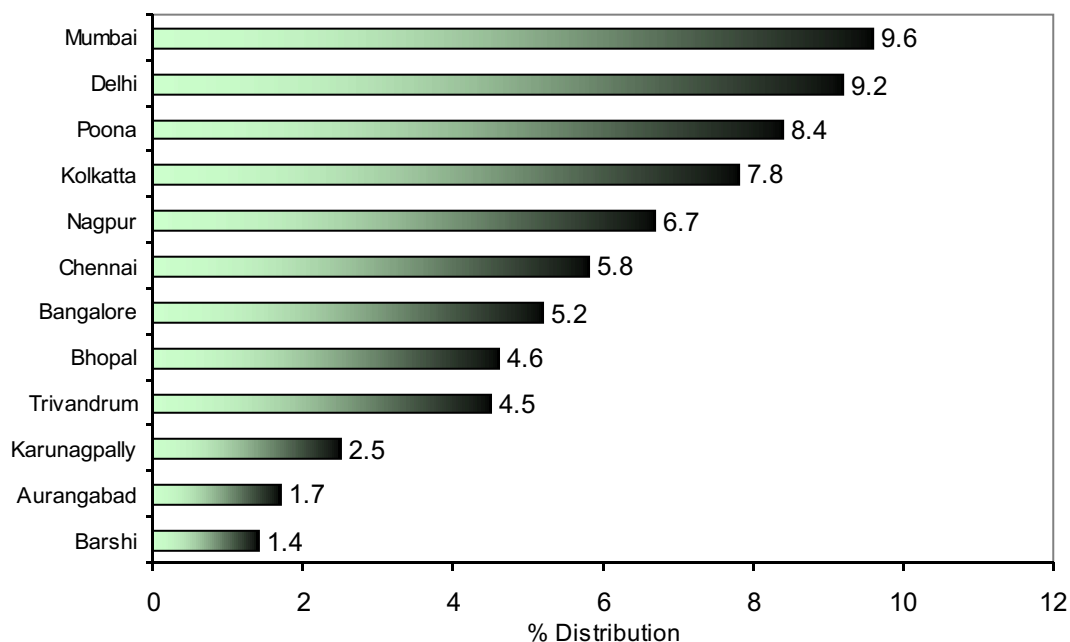


**Fig 4.13 : National Comparison of Age Adjusted Rates (AAR) for Cervix, Female**

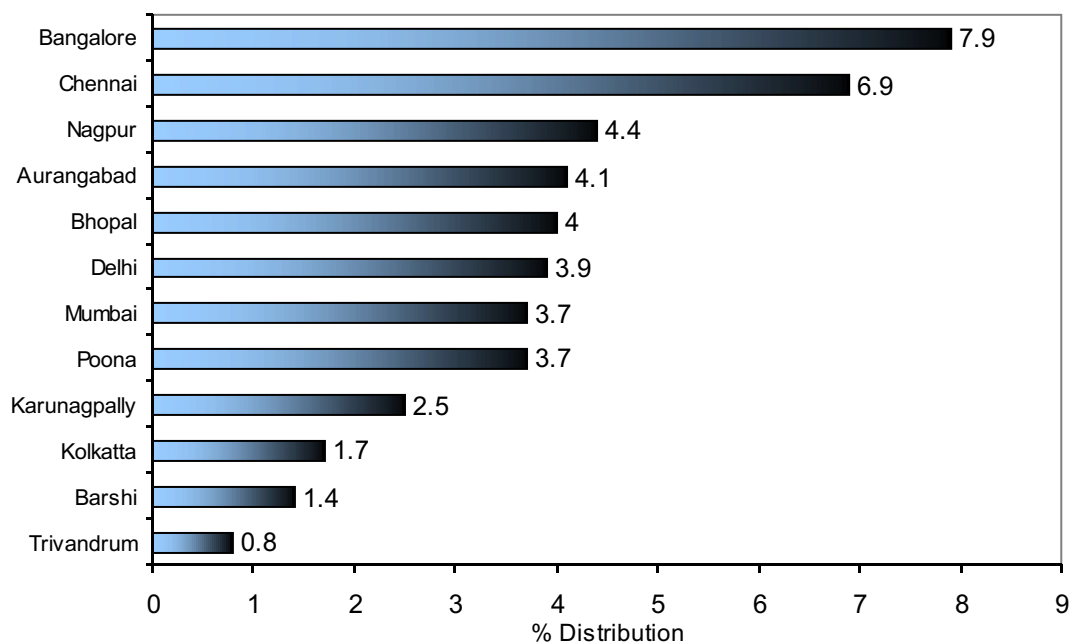




**Fig 4.14 : National Comparison of Age Adjusted Rates (AAR) for Ovary, Female**



**Fig 4.15 : National Comparison of Age Adjusted Rates (AAR) for Oesophagus, Female**





## CHAPTER 5

### CHILDHOOD CANCERS (0-14 YEARS)

Cancers in childhood constitute one of the most important groups of tumors, not only because of the age occurrence, implying a different set of etiological factors from those commonly seen in adult cancers, but also because in the past two decades, with advances particularly in chemotherapy, many of the childhood cancers have gained markedly high potency for cure.

The proportion of childhood cancers relative to all sites of cancers varies from 1.9% in females in the Poona population to 4.5% in males in the Nagpur population. (Table 5.1)

**Table 5.1 : Number (#) Proportion (%) of Cancers in Childhood to all Cancers**

Registry	Males			Females		
	All Cancers	#	%	All Cancers	#	%
Mumbai	4520	173	3.8	4522	120	2.7
Poona	1210	44	3.6	1464	28	1.9
Nagpur	884	40	4.5	910	27	3.0
Aurangabad	177	6	3.4	180	8	4.4

Table 5.2 gives the number and relative proportion of broad types of childhood cancers in the different Registries according to the classification scheme of IARC (Parkin et al 1988). Leukemias and lymphomas, followed closely by tumors of the central nervous system, constitute the vast majority of childhood cancers.



**Table 5.2 : Number (#) & Proportion (%) of Specific Types of Cancer in Childhood**

## Males

	Mumbai		Poona		Nagpur		Aurangabad	
	#	%	#	%	#	%	#	%
Leukemias	62	35.8	9	20.5	17	43.6	1	16.7
Lymphomas	25	14.5	1	2.3	9	23.1	2	33.3
C.N.S.Tumours	35	20.2	11	25.0	5	12.8	1	16.7
Retinoblastomas	3	1.7	4	9.1	2	5.1	1	16.7
Renal Tumours	6	3.5	1	2.3	2	5.1	1	16.7
Hepatic Tumours	4	2.3	2	4.5	0	0.0	0	0.0
Bone Tumours	8	4.6	3	6.8	2	5.1	0	0.0
Soft Tissue Sarcomas	6	3.5	3	6.8	0	0.0	0	0.0
Germcell Tumours	2	1.2	1	2.3	0	0.0	0	0.0
Other Carcinomas	18	10.4	8	18.2	1	2.6	0	0.0
Other Unspecified	4	2.3	1	2.3	1	2.6	0	0.0
All types	173	100.0	44	100.0	39	100.0	6	100.0

## Females

	Mumbai		Poona		Nagpur		Aurangabad	
	#	%	#	%	#	%	#	%
Leukemias	40	33.33	18	64.3	8	29.6	2	25.0
Lymphomas	17	14.2	3	10.7	4	14.8	0	0.0
C.N.S.Tumours	16	13.3	0	0.0	2	7.4	1	12.5
Retinoblastomas	4	3.3	0	0.0	1	3.7	0	0.0
Renal Tumours	5	4.2	0	0.0	3	1.1	1	12.5
Hepatic Tumours	3	2.5	1	3.6	0	0.0	0	0.0
Bone Tumours	6	5.0	0	0.0	1	3.7	1	12.5
Soft Tissue Sarcomas	5	4.2	1	3.6	2	7.4	1	12.5
Other Carcinomas	17	14.2	2	7.1	6	22.2	2	25.0
Other Unspecified	7	5.8	3	10.7	0	0.0	0	0.0
All types	120	100.0	28	100.0	27	100.0	8	100.0



# CHAPTER 6

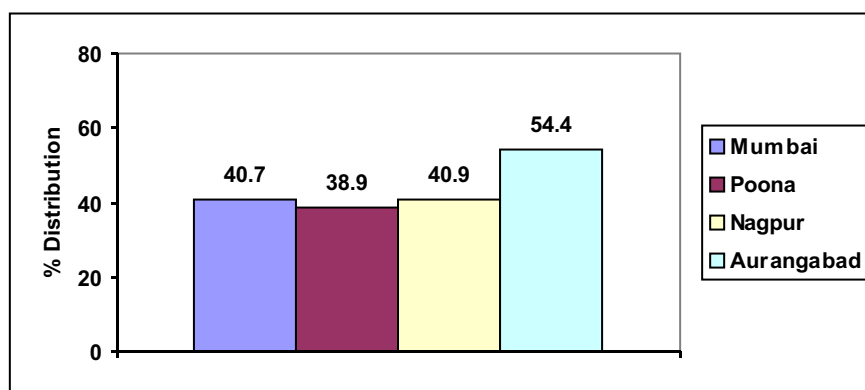
## TOBACCO RELATED CANCERS

Sites of cancer that have been associated with the use of tobacco ( tobacco related cancers TRC's) include lip, tongue, oral cavity, pharynx, (including oropharynx and hypopharynx), oesophagus, larynx, lung and urinary bladder.

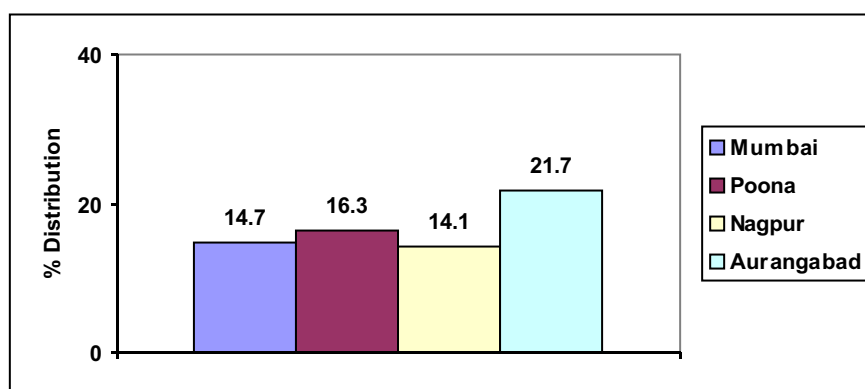
The total proportions of these sites of cancer to all sites in males and females are given in Table 6.1 and also illustrated in Figure 6.1 In males these proportions vary from 38.9% in Poona to 54.4% in Aurangabad, whereas in females they vary from 14.1 in Nagpur to 21.7% in Aurangabad. Lung, oesophagus and the oral cavity are contributors to tobacco related cancers in all the Registries in both the sexes.

**Fig 6.1 : Proportion (%) of Tobacco Related Cancers Relative to all Sites**

### Males



### Females



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**Table 6.1 : Number (#) & Proportion (%) of Specific Sites of Cancer Related to the Use of Tobacco Relative to all Sites of Cancers****Males**

	Mumbai		Poona		Nagpur		Aurangabad	
	#	%	#	%	#	%	#	%
Lip	23	0.5	6	0.5	7	0.8	0	0.0
Tongue	218	4.8	44	3.6	56	6.3	10	5.6
Oral Cavity	340	5.6	99	8.2	50	5.6	16	9.1
Oropharynx	68	1.5	22	1.8	26	2.9	8	4.5
Hypopharynx	152	3.4	32	2.6	19	2.1	18	10.2
Pharynx	25	0.6	4	0.3	6	0.7	1	0.6
Oesophagus	252	5.6	66	5.5	57	6.4	21	11.9
Larynx	295	6.5	90	7.4	70	7.9	7	4.0
Lung	373	8.3	71	5.9	55	6.2	15	8.5
Urinary Bladder	176	3.9	38	3.1	18	2.0	0	0.0
T.R.C	1922	40.7	472	38.9	364	40.9	96	54.4
All types	4520	100.0	1210	100.0	884	100.0	177	100.0

**Females**

	Mumbai		Poona		Nagpur		Aurangabad	
	#	%	#	%	#	%	#	%
Lip	12	0.3	6	0.4	1	0.1	0	0.0
Tongue	63	1.4	29	2.0	7	0.8	5	2.8
Oral Cavity	156	3.5	67	4.6	27	3.0	12	6.7
Oropharynx	16	0.4	7	0.5	3	0.3	0	0.0
Hypopharynx	30	0.7	21	1.4	9	1.0	2	1.1
Pharynx	6	0.1	6	0.4	1	0.1	0	0.0
Oesophagus	190	4.2	46	3.1	37	4.1	11	6.1
Larynx	28	0.6	12	0.8	14	1.5	0	0.0
Lung	121	2.7	41	2.8	20	2.2	8	4.4
Urinary Bladder	36	0.8	5	0.3	9	1.0	1	0.6
T.R.C	658	14.7	240	16.3	128	14.1	39	21.7
All types	4522	100.0	1464	100.0	910	100	180	100.0



# CHAPTER 7

## BASIS OF DIAGNOSIS

The basis of diagnosis for all sites together by sex is shown in Table 7.1 and diagrammatically in Fig 7.1. All Registries show slight differences in the proportion of microscopic confirmation in males and females. All Registries have recorded a higher proportion of microscopic confirmation in females compared to males. The degree of microscopic confirmation varies from 83.6% in males in Aurangabad to 95.7% among females in Nagpur. The degree of DCO's varies in males from 3.9% in Nagpur to 9.6% in Aurangabad, while in females it varies from 2.0% in Nagpur to 6.1% in the Mumbai and Aurangabad population. The number of cases registered on the basis of clinical investigations and clinically alone varies from 2.3% in Nagpur in females to 8.7% in Mumbai males.

**Table 7.1 : Number(#) & Relative Proportion of Cancers on Different Method of Diagnosis**

Registry	Microscopic		Clinical		D.C.O.		Total	
	#	%	#	%	#	%	#	%
<b><u>Males</u></b>								
Mumbai	3805	84.2	391	8.7	324	7.1	4520	100.0
Poona	1071	88.5	90	7.4	49	4.1	1210	100.0
Nagpur	826	93.4	24	2.7	34	3.9	884	100.0
Aurangabad	148	83.6	12	6.8	17	9.6	177	100.0
<b><u>Females</u></b>								
Mumbai	3899	86.2	349	7.8	274	6.1	4522	100.0
Poona	1291	88.2	88	6.0	85	5.8	1461	100.0
Nagpur	871	95.7	21	2.3	18	2.0	910	100.0
Aurangabad	162	90.0	7	3.9	11	6.1	180	100.0

The basis of diagnosis by sitewise and sex for each Registry is presented in Tables C1 - C8.

The percentage of patients having microscopic confirmation of cancer depends primarily on the accessibility of the part affected. Histological confirmation of cancers arising in the buccal cavity, pharynx and female genitary organs is thus available with greater frequency than the tumours at inaccessible sites, such as the digestive and respiratory systems. A higher proportion of patients diagnosed on clinical investigations or on clinical grounds only was found to have had cancer at sites inaccessible for immediate biopsy or because the patient refused to undergo further detailed investigations. However, most of these patients were not offered active treatment because of the extensive nature of the disease.





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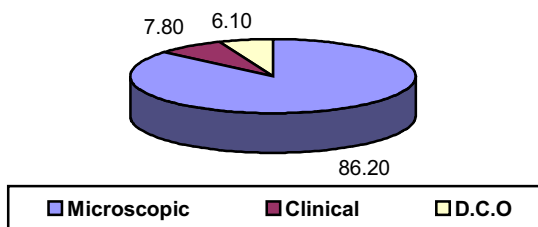
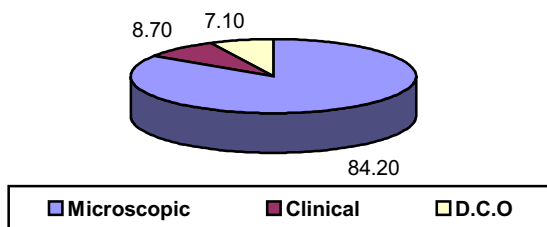


Figure 7.1 : The Basis of Diagnosis for all Sites, for Mumbai, Poona, Nagpur, Aurangabad

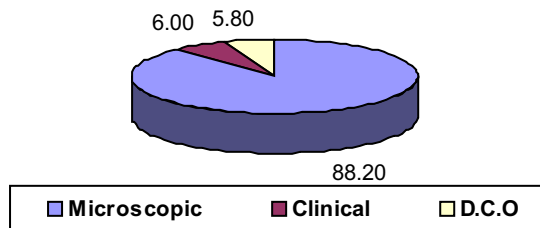
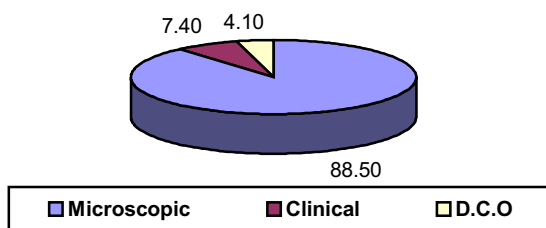
### MALE

### FEMALE

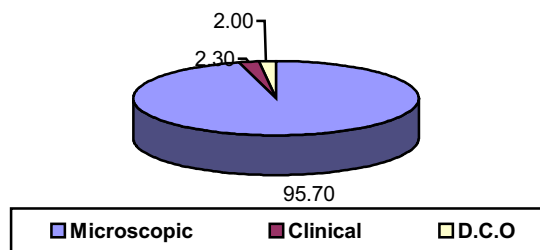
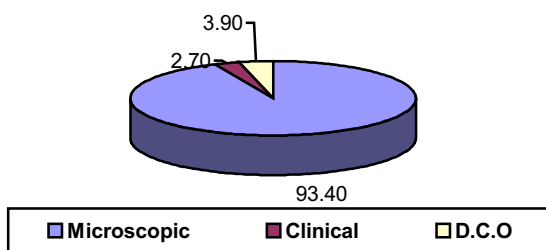
#### Mumbai



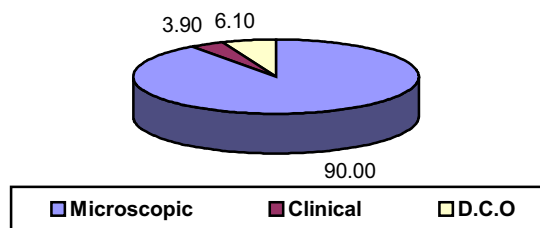
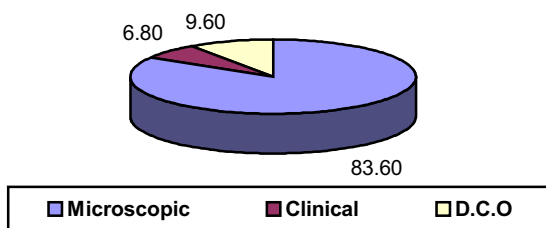
#### Poona



#### Nagpur



#### Aurangabad





# CHAPTER 8

## RELIGION

Considerable variation was observed in the incidence of cancer at various sites in each sex in patients professing different religious faiths within a particular population. This was due to a variety of causes, mainly endocrine, dietary or environmental. Such variations called for adequate investigations to elucidate the complex etiology of the disease.

In this chapter an attempt has been made to study the differences in cancer incidence by religion within and between Registries. As a 5-year age distribution was not released by the census office for the recent census, the comparison has been made only on crude incidence rates. The estimated total population by sex on 1<sup>st</sup> July 2001 for all Registries is presented in Table 8.1.

**Table 8.1: Estimated Resident Population by Religion and Sex as on 1<sup>st</sup> July 2001 For Various Registries**

Registry	Hindu	Muslim	Christian	Others	Total
<b>Males</b>					
Mumbai	4531731	1266916	224137	635411	6658196
Poona	1607667	178852	50504	172982	2010005
Nagpur	790574	113631	11760	186045	1102010
Aurangabad	252048	138048	4812	74330	469238
<b>Females</b>					
Mumbai	3788910	969303	224825	405577	5388915
Poona	1434010	160355	50103	161796	1806265
Nagpur	731183	106811	11556	177939	1027490
Aurangabad	222656	127586	4839	68166	423247

To study the differences in cancer incidence by religion, the crude rates by religion and sex for each Registry for all sites together are presented in Table 8.2 and illustrated in Figure 8.1.



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**Table 8.2 : Cases (#) % Crude Incidence Rates by Religion, Sex and Registry**

Registry	Hindu		Muslim		Christian		Others		All	
	#	CR	#	CR	#	CR	#	CR	#	CR
<u>Males</u>										
Mumbai	2432	75.73	750	59.20	234	104.40	104	16.37	4520	67.89
Poona	986	61.33	93	52.00	34	67.32	97	56.08	1210	60.20
Nagpur	757	95.75	69	60.72	5	42.52	53	28.49	884	80.22
Aurangabad	133	53.56	41	29.70	0	-	1	1.35	177	37.72
<u>Females</u>										
Mumbai	3524	93.01	660	68.09	213	94.74	125	30.80	4522	83.91
Poona	1204	83.96	115	71.72	43	85.82	102	63.04	1464	81.05
Nagpur	805	110.10	38	35.58	8	69.23	59	33.16	910	88.57
Aurangabad	134	60.18	42	32.92	0	-	4	5.87	180	42.53

In all the Registries females have recorded higher incidence than males. As far as total crude incidence is concerned between the Registries, Nagpur has recorded the highest and Aurangabad has recorded the lowest incidence in both the sexes. In all the Registries in all religions females have recorded higher incidence rates than males except in Nagpur. Between the Registries, Hindus have recorded the highest incidence rates in both the sexes in Nagpur, while Muslims and Christians have recorded the highest incidence rates in both the sexes in Mumbai.

The different religious groups are distinguished from each other by their habits, customs and socio-economic status. Thus, even though living in the same environment they exhibit striking differences from each other in the incidence with which cancer occurs at various sites. An appraisal of this situation is thus considered promising in order to study the differences in site patterns of incidence. In order to define the magnitude and nature of the differences observed, the number of cases and the crude incidence rates in each religious group by site and sex for all four Registries are presented in Tables D1 - D8

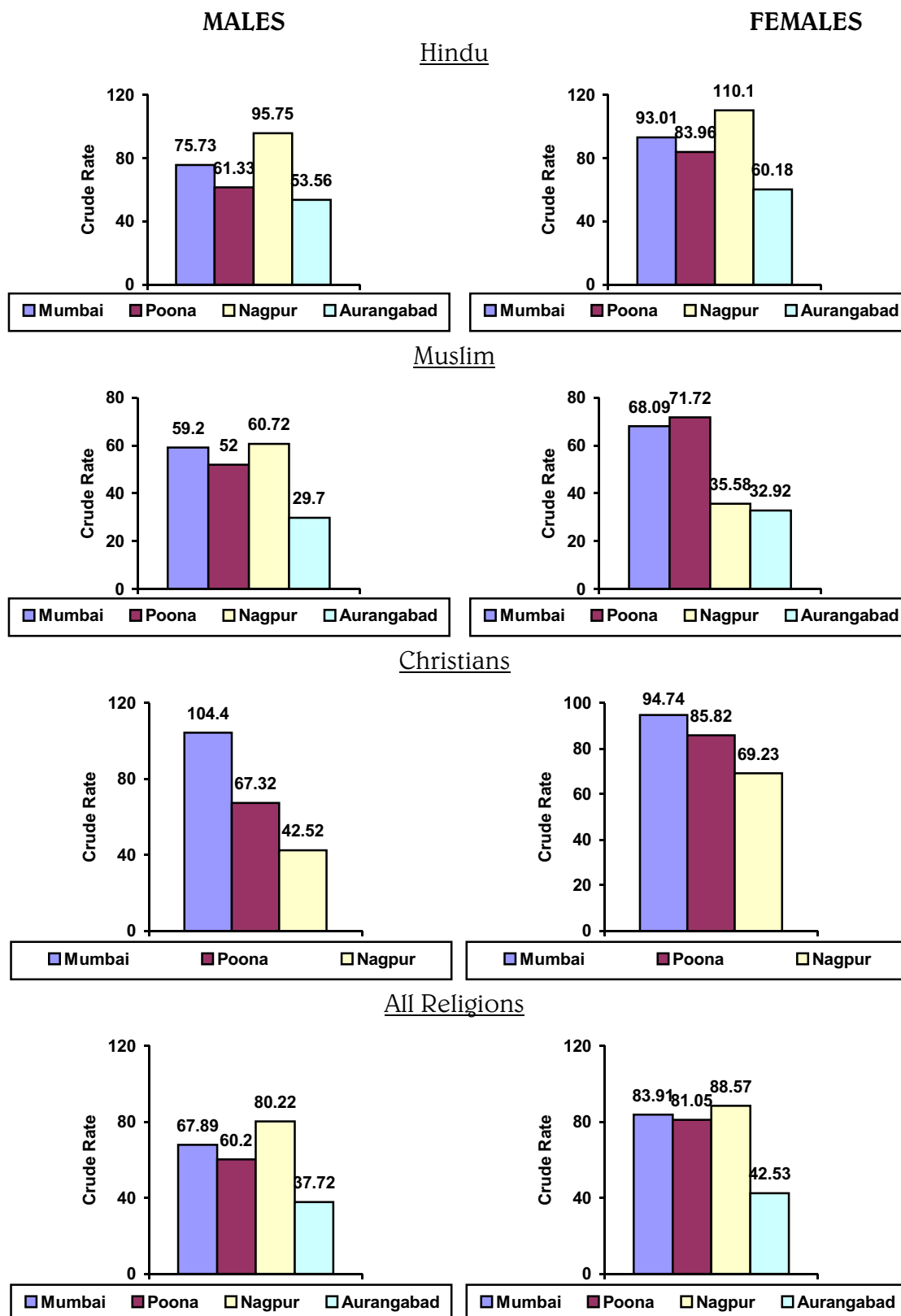


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Fig. 8.1: Crude Rates by Religion and Sex for each Registry.





## CHAPTER 9

### CUMULATIVE INCIDENCE RATE

Population based cancer Registries provide age specific cancer incidence rates in the different Registry areas. Through these rates it is possible to arrive at or estimate the risk of the particular population in developing cancer during their life time. This is just a better way of expressing the incidence rates in simpler terms for easier comprehension. The cumulative rate/risk could be estimated by sex and for any specific site of cancer. For practical purposes the cumulative rate is a good approximation of the cumulative risk. Based on the cumulative rates/risks the probability of a person developing cancer in the absence of a competing cause of death can be calculated and this is expressed as "one in".

The cumulative rate can be estimated from the age specific rates either for the 5-year age groups from 0 to 64 years or for the age groups 0 to 74 years. Since the average life expectancy of the population of India has gone up, one may have to examine the estimates from both calculations. These are given in Table 9.1 for all the Registries for all sites together by sex.

Based on the above, and assuming the age specific rates (from 0-74 years) the cumulative rates of 2001 by site and sex for each Registry are presented in Table 9.2. for male and in Table 9.3 for female.

**Table 9.1 : Cumulative Rate % and Life Time Risk for all Sites**

Registry	Male		Female	
	CMR	LTR	CMR	LTR
<b><u>0-64 years</u></b>				
Mumbai	5.745	17	8.069	12
Poona	7.182	14	4.852	21
Nagpur	6.890	15	8.223	12
Aurangabad	3.796	26	4.380	23
<b><u>0-74 years</u></b>				
Mumbai	14.930	7	14.040	7
Poona	12.245	8	10.001	10
Nagpur	11.434	9	11.677	9
Aurangabad	6.515	15	7.829	13



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**Table 9.2 : Cumulative Rate % and Life Time Risk 74 Years by Site, Male, 2001.**

ICD10	Site	Mumbai		Poona		Nagpur		Aurangabad	
		Cum Rate%	LTR	Cum Rate%	LTR	Cum Rate%	LTR	Cum Rate%	LTR
C00	Lip	0.04	2508	0.042	2365	0.118	846		
C01-02	Tongue	0.592	169	0.464	216	0.812	123	0.328	304
C03	Gum	0.241	415	0.322	310	0.247	405	0.22	455
C04-06	Oth.Mth	0.684	146	0.462	217	0.387	258	0.564	177
C07-08	Sal.glands	0.065	1533	0.045	2245	0.04	2469	0.104	957
C09-10	Oropharynx	0.23	436	0.2	501	0.404	247	0.409	245
C11	Nasopharynx	0.064	1567	0.03	3315	0.028	3518		
C12-13	Hypopharynx	0.643	156	0.316	316	0.283	353	0.944	106
C14	Oth.Oral	0.099	1014	0.027	3732	0.092	1081		
C15	Oesophagus	0.871	115	0.688	145	0.793	126	1.01	99
C16	Stomach	0.623	161	0.466	214	0.508	197	0.098	1019
C17	Small Int.	0.026	3816	0.012	8475				
C18	Colon	0.351	285	0.255	392	0.267	374	0.044	2294
C19-21	Rectum	0.375	267	0.319	314	0.344	291	0.224	446
C22	Liver	0.668	150	0.313	319	0.178	562	0.458	218
C23-24	Gallbladder	0.269	372	0.11	909	0.139	719		
C25	Pancreas	0.269	371	0.27	371	0.177	565	0.044	2294
C26	Oth.Dig.	0.012	8482	0.033	2989				
C30-.1	Nose,sins.	0.081	1234	0.131	763	0.172	580		
C32	Larynx	1.134	88	1.003	100	1.224	82	0.472	212
C33-34	Lung	1.408	71	0.809	124	0.881	113	0.72	139
C37-38	Med.Pleura	0.039	2540	0.058	1731	0.016	6170	0.185	540
C40-41	Bone	0.155	647	0.085	1175	0.07	1421	0.054	1848
C43	SkinMela.	0.032	3146	0.057	1767	0.12	833		
C44	SkinOther	0.129	776	0.089	1127	0.236	424		
C45	Mesothelima	0.009	10723						
C46	Kaposiserc.	0.001	120414						
C47	Nerv.system	0.004	27578	0.013	7771	0.009	11062		
C48	Retroperit.	0.2	5125	0.027	3760				
C49	Con.&Soft Tissue	0.19	527	0.194	514	0.165	605	0.153	652
C50	Breast	0.037	2721	0.066	1511	0.093	1078	0.176	568
C60	Penis	0.112	896	0.142	706	0.086	1156	0.063	1585
C61	Prostate	0.935	107	0.617	162	0.343	292	0.342	293
C62	Testis	0.057	1753	0.05	2016	0.069	1441	0.097	1036
C63	Oth male gen	0.001	86019						
C64-65	Kidney	0.306	327	0.189	529	0.169	593	0.212	471
C66-68	Urin.Bladder	0.637	157	0.401	249	0.294	341		
C69	Eye	0.005	19697	0.022	4451	0.039	2547	0.01	10357
C70-72	Brain	0.475	210	0.317	315	0.288	347	0.113	886
C73	Thyroid	0.11	909	0.061	1637	0.068	1480	0.068	1475
C74-75	Oth.Endoc.	0.017	5890	0.016	6135	0.005	20145		
C76	Oth.Ill.Def.	0.115	870	0.021	4827	0.005	18835		
C77	Lymphnodes	0.204	490	0.115	867	0.192	521	0.035	2872
C78	Sec.Resp.	0.162	616	0.112	897	0.184	543		
C79	Sec.Oth.	0.064	1565	0.071	1418	0.045	2237		
C80	Unk.Prim.	0.173	580	0.23	436	0.801	125	0.85	260
C81	Hodgkin	0.123	810	0.066	1518	0.133	753	0.125	801
C82-85,96	NonHod	0.492	203	0.385	260	0.444	225	0.086	1162
C90	Mul.Myel.	0.246	407	0.12	836	0.228	438	0.15	6613
C91	Lym.Leuk	0.145	687	0.113	884	0.14	712	0.05	2003
C92-94	Myel.Leuk	0.256	391	0.129	776	0.308	324	0.02	4957
C95	Oth.Leuk.	0.058	1712	0.009	11360	0.027	3675		
Total	All Sites	14.049	7	10.091	10	11.677	9	7.829	13



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**Table 9.3 : Cumulative Rate% and Life Time Risk 74 Years by Site, Female, 2001.**

ICD10	Site	Mumbai		Poona		Nagpur		Aurangabad	
		Cum Rate%	LTR	Cum Rate%	LTR	Cum Rate%	LTR	Cum Rate%	LTR
C00	Lip	0.042	2383	0.044	2263	0.017	5868		
C01-02	Tongue	0.22	455	0.243	412	0.073	1366	0.211	475
C03	Gum	0.13	768	0.222	450	0.182	550	0.043	2304
C04-06	Oth.Mth	0.441	227	0.432	232	0.231	433	0.461	217
C07-08	Sal.glands	0.049	2046	0.069	1452	0.017	5868		
C09-10	Oropharynx	0.09	1115	0.066	1506	0.021	4794		
C11	Nasopharynx	0.023	4264	0.024	4155	0.023	4366	0.012	8416
C12-13	Hypopharynx	0.082	1225	0.215	466	0.111	905	0.107	939
C14	Oth.Oral	0.008	11983	0.052	1911	0.013	7505		
C15	Oesophagus	0.796	126	0.493	203	0.57	175	0.376	266
C16	Stomach	0.276	363	0.312	321	0.202	494		
C17	Small Int.	0.025	4008	0.039	2559	0.031	3268		
C18	Colon	0.311	321	0.342	293	0.214	467	0.078	1289
C19-21	Rectum	0.389	257	0.25	400	0.211	475	0.059	1676
C22	Liver	0.322	310	0.183	546	0.122	822	0.113	886
C23-24	Gallbladder	0.31	322	0.108	930	0.14	716		
C25	Pancreas	0.306	327	0.113	885	0.075	1332		
C26	Oth.Dig.	0.018	5466	0.041	2411				
C30-1	Nose,sins.	0.124	806	0.101	990	0.054	1841		
C32	Larynx	0.087	1147	0.09	1108	0.22	454		
C33-34	Lung	0.495	202	0.36	277	0.247	405	0.282	355
C37-38	Med.Pleura	0.061	1642	0.014	7312			0.259	386
C40-41	Bone	0.058	1714	0.059	1688	0.056	1799	0.01	9930
C43	SkinMela.	0.017	5978	0.045	2224	0.013	7505		
C44	SkinOther	0.131	764	0.136	735	0.085	1179	0.04	2489
C45	Mesothelima	0.003	37299						
C46	Kaposiserc.								
C47	Nerv.system					0.01	9825		
C48	Retroperit.	0.026	3820	0.061	1644				
C49	Con.&Soft Tissue	0.129	773	0.142	703	0.079	1258	0.245	408
C50	Breast	3.777	26	2.8	36	3.257	31	1.734	58
C51-52	Oth fem gen	0.244	410	0.081	1231	0.136	736		
C53	Cervix uteri	2.035	49	2.166	46	2.153	46	1.315	76
C54	Corpus Uteri	0.467	214	0.003	39180	0.041	2433	0.143	698
C55	Uterus	0.16	623	0.246	407	0.286	349		
C56	Ovary	1.089	92	1.066	94	0.695	144		
C64-65	Kidney	0.164	608	0.065	1534	0.078	1284	0.042	2369
C66-68	Urin.Bladder	0.144	697	0.069	1453	0.17	587	0.053	1878
C69	Eye	0.017	5995			0.011	8735		
C70-72	Brain	0.355	282	0.146	687	0.217	462	0.027	3748
C73	Thyroid	0.152	660	0.104	966	0.043	2311	0.062	1625
C74-75	Oth.Endoc.	0.013	7945	0.03	3339				
C76	Oth.Ill.Def.	0.044	2296	0.007	13433				
C77	Lymphnodes	0.095	1055	0.053	1874	0.036	2765		
C78	Sec.Resp.	0.195	514	0.097	1033	0.135	740		
C79	Sec.Oth.	0.061	1640	0.079	1259	0.043	2301		
C80	Unk.Prim.	0.079	1273	0.183	546	0.614	163	0.189	530
C81	Hodgkin	0.085	1174	0.038	2661	0.04	2504		
C82-85,96	NonHod	0.359	278	0.455	220	0.177	566	0.024	4111
C90	Mul.Mye.	0.138	725	0.115	870			0.056	1800
C91	Lym.Leuk	0.092	1087	0.057	1745	0.7	1434	0.096	1040
C92-94	Mye.Leuk	0.133	749	0.1	1004	0.167	600	0.041	2442
C95	Oth.Leuk.	0.063	1595	0.03	3323	0.047	2125	0.024	4111
Total	All Sites	14.93	7	12.245	8	11.434	9	6.515	15



TABLE 10.1 : Estimates Of Average Annual Percentage Change In Age Adjusted Incidence Rate By Site And Sex From Regression Analysis For The 20 Year Period, 1982 To 2001, Greater Mumbai			
ICD10	SITE	AVERAGE ANNUAL PERCENTAGE CHANGE (APC)	
		MALE	FEMALE
C01-C02	TONGUE	-2.42***	-0.78 <sup>ns</sup>
C04-C06	MOUTH	+ 0.36 <sup>ns</sup>	-0.02 <sup>ns</sup>
C09-C10	OROPHARYNX	-2.91***	-1.84 <sup>ns</sup>
C12-C13	HYPOPHARYNX	-3.96***	-3.44**
C15	OESOPHAGUS	-2.83***	-2.67***
C16	STOMACH	-2.20***	-2.82***
C18	COLON	+ 0.86 <sup>ns</sup>	+ 0.68 <sup>ns</sup>
C19-C21	RECTUM	-0.57 <sup>ns</sup>	-0.13 <sup>ns</sup>
C22	LIVER	+ 1.76***	+ 1.26 <sup>ns</sup>
C23-C24	GALLBLADDER	+ 4.22***	+ 3.89***
C25	PANCREAS	+ 1.01 <sup>ns</sup>	+ 1.65*
C32	LARYNX	-1.11*	-2.78**
C33-C34	LUNG	-1.63***	+ 1.21 <sup>ns</sup>
C50	BREAST	-	+ 1.65***
C53	CERVIX	-	-1.04**
C54-55	UTERUS	-	+ 2.65***
C56	OVARY	-	+ 1.73***
C61	PROSTATE	+ 1.27*	-
C62	TESTIS	-1.33*	-
C60	PENIS	-4.69***	-
C66-C68	U BLADDER	+ 1.61*	+ 1.99*
C64-C65	KIDNEY	+ 3.40***	+ 4.02***
C70-C72	BRAIN	+ 3.79***	+ 4.45***
C73	THYROID	+ 0.13 <sup>ns</sup>	+ 0.88 <sup>ns</sup>
C81-C85	LYMPHOMAS	+ 3.68***	+ 4.02***
C91-C95	LEUKAMIAS	+ 1.57*	+ 1.38***
C00-C95	ALL SITE	-0.72 <sup>ns</sup>	0.37 <sup>ns</sup>

ns - not significant, \* - significant at .05 level, \*\* - significant at 0.01 level,

\*\*\* - significant at 0.001 level





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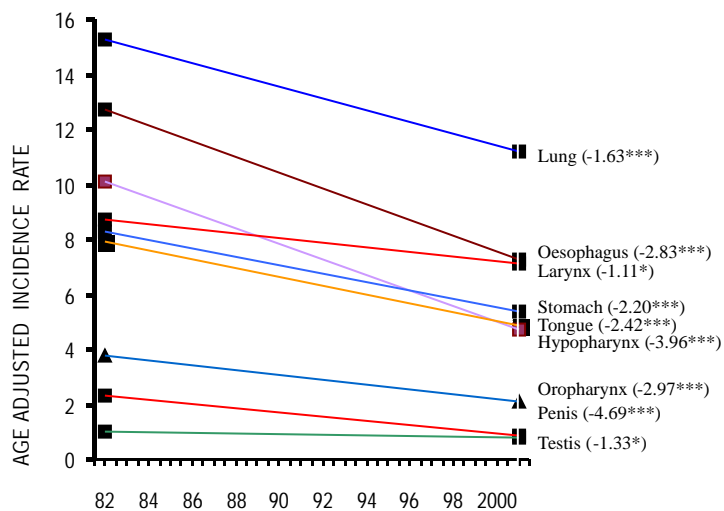


Fig 10.1

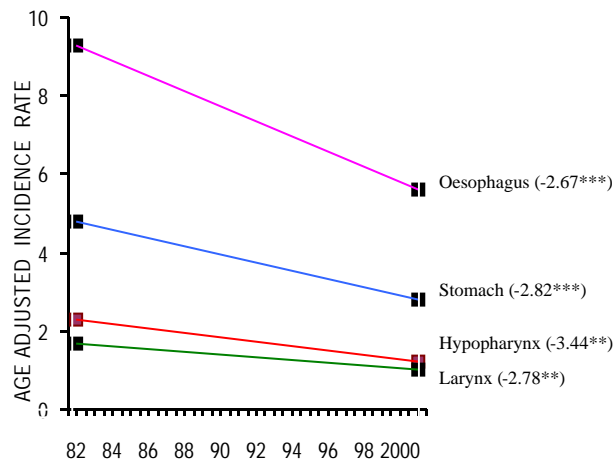


Fig 10.2

Penis

Sites Showing Decreasing Trends in Age-adjusted Incidence Rates with Corresponding APCs, Greater Mumbai, 1982-2001, Male

Sites Showing Decreasing Trends in Age-adjusted Incidence Rates with Corresponding APCs, Greater Mumbai, 1982-2001, Female

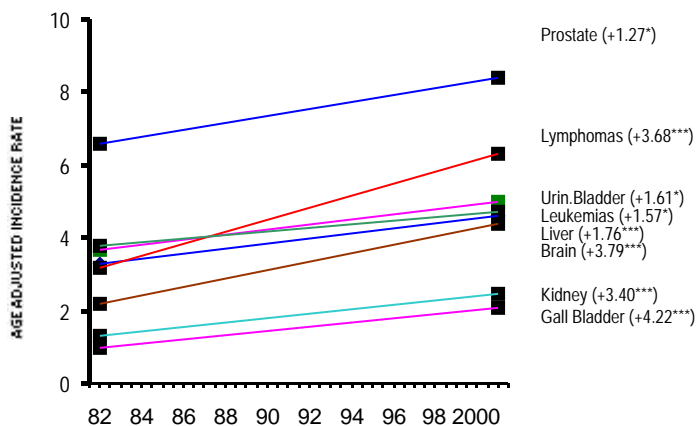


Fig 10.3

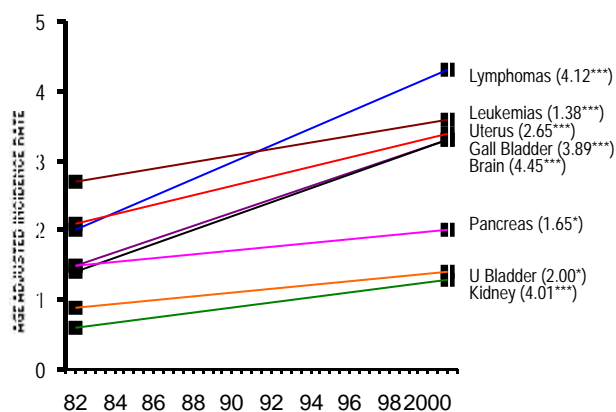


Fig 10.4

Sites Showing Increasing Trends in Age-adjusted Incidence Rates with Corresponding APCs, Greater Mumbai, 1982-2001, Male

Sites Showing Increasing Trends in Age-adjusted Incidence Rates with Corresponding APCs, Greater Mumbai, 1982-2001, Female



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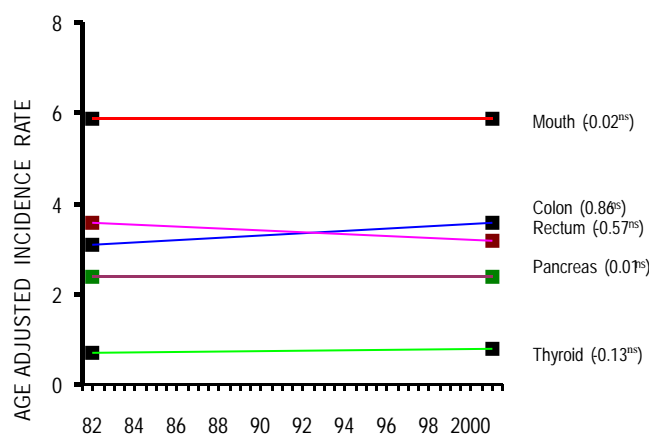


Fig 10.5

Sites Showing no Significant Changes in Trends in Age-adjusted Incidence Rates with Corresponding APCs, Greater Mumbai, 1982-2001, M

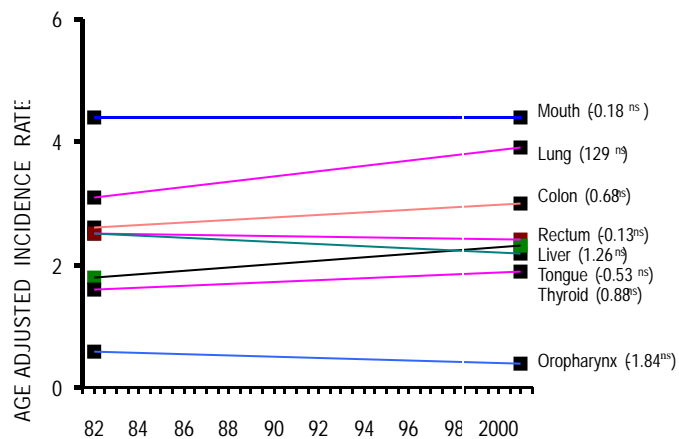


Fig 10.6

Sites Showing no Significant Changes in Trends in Age-adjusted Incidence Rates with Corresponding APCs, Greater Mumbai, 1982-2001, Female

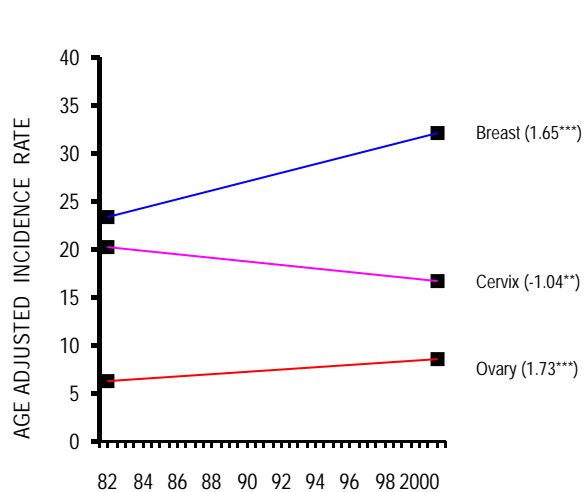


Fig 10.7

Trends in Age-adjusted Incidence Rates for Breast, Cervix and Ovary with Corresponding APCs, Greater Mumbai, 1982-2001

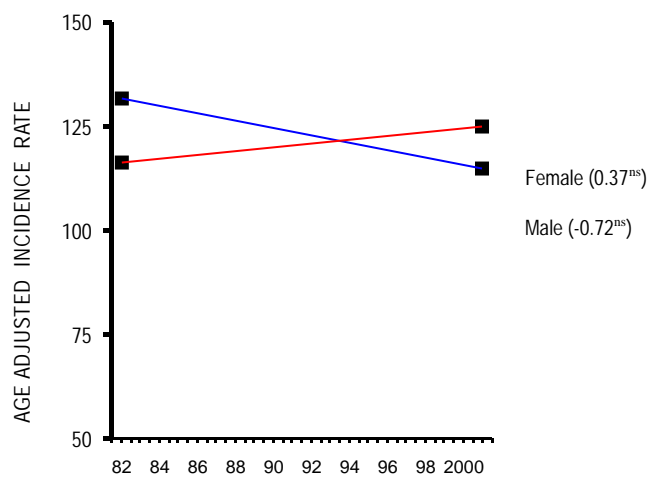


Fig 10.8

Trends in Age-adjusted Incidence Rates for All Cancers with Corresponding APCs, Greater Mumbai, 1982-2001



# CHAPTER 11

## PREDICTIONS

Prediction of the occurrence of a disease is essential for decision-making of preventive, diagnosis and therapeutic measures. A clear and true picture of the cancer situation in the country can be achieved with a complete nationwide or otherwise representative cancer registration system. Monitoring changes in the cancer incidence trends is one of the basic strategies in constructing forecast. In some instances, this strategy is not sufficient and more knowledge is needed. Epidemiological studies have given insight into the causation and natural history of some types of cancer. Even the cancer incidence trends have lent themselves to such purposes. Knowledge concerning risk factors that is their relationship with a occurrence of certain cancer and time trends is their prevalence may also be used to improve the forecasts.

For prediction of the number of new cancer cases, two types of information is needed, i.e. population projections and predictions of cancer incidence. Evidently, predictions of cancer incidence should be disaggregated to much the difference in the amount and type of facilities and manpower required by various subgroups of patients. Usually these predictions should be made by sex, age, and primary site of cancer.

Three basic methods for predicting cancer incidence have been used. Extrapolation of time trends, use of data on risk factors in predicting cancer and incorporations the effects of interventions.

For predicting cancer incidence for Maharashtra, the first method i.e. extrapolation of time trends has been used as data on risk factors and information on incorporating the effects of intervention is not available. The simplest way of making predictions is to assume that past trends will continue in the future.

Firstly average crude incidence rates for Maharashtra are estimated for each site in both the sexes using Mumbai, Poona, Nagpur, Aurangabad registries data for the year 2001. For predicting cancer incidence rates for each site in both the sexes for 2011 and 2021, the information available for past trends for Mumbai population is used assuming past trends will continue in the future and using these predicted rates and projected population for 2011 and 2021 for Maharashtra, the cancer incidence cases are predicted for each site in each sex for 2011 and 2021.

The predictions for cancer mortality (deaths) for Maharashtra made by using the cancer death information available for Mumbai, Poona, Nagpur, and Aurangabad registries for the 2001 and cancer mortality information for India made by International Agency for Research on Cancer. The predictions of prevalent cases for Maharashtra are made by using predicted incidence cases for 2011 and 2021 and past survival information available for respective sites in Mumbai Population.

The predicted incidence, mortality and prevalent cancer cases for Maharashtra for each site for 2001, 2011, and 2021 are given in Table 11.A for males and in table 11.B for females.



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Table 11. A: Prediction of Incidence, Mortality and Prevalence Cancer Cases, Maharashtra, For The Years 2001, 2011 and 2021, Males.

ICD-10	Site	Average	Incidence			Mortality			Prevalence		
			2001	2011	2021	2001	2011	2021	2001	2011	20021
C00	Lip		151	189	236	89	111	139	364	455	569
C01-02	Tongue		1623	2029	2536	958	1197	1496	3912	4890	6113
C03	Gum		742	928	1160	438	548	684	1789	2237	2796
C04-06	Other Mouth		1586	1982	2477	935	1169	1462	3821	4776	5971
C07-08	Salivary gland		164	204	256	97	121	151	394	493	616
C09-10	Oropharynx		793	991	1239	579	723	904	1316	1645	2056
C11	Nasopharynx		113	142	177	75	93	117	270	337	421
C12-13	Hypopharynx		1208	1510	1888	882	1102	1378	2005	2507	3133
C15	Oesophagus		2164	2705	3382	2013	2516	3145	2597	3247	4058
C16	Stomach		1183	1479	1848	1100	1375	1719	1455	1819	2273
C17	Small Intenstine		25	31	39	16	20	25	46	57	72
C18	Colon		730	912	1140	467	584	730	1328	1660	2076
C19-21	Rectum		982	1227	1534	628	785	982	1786	2233	2791
C22	Liver		1070	1337	1671	1048	1310	1638	492	615	769
C23-24	Gall bladder,bile		340	425	531	238	297	372	41	51	64
C25	Pancreas		516	645	806	506	632	790	377	471	588
C30-31	Nose,Sinuses		327	409	511	206	258	322	743	928	1160
C32	Larynx		2177	2721	3401	1371	1714	2143	4979	6223	7779
C33-34	Lung		2227	2784	3480	2071	2589	3237	2517	3146	3933
C40-41	Bone		440	551	688	308	385	482	802	1002	1252
C43	Skin Melanoma		126	157	197	64	80	100	284	355	444
C44	Skin Other		415	519	649	212	265	331	938	1173	1466
C49	Conn & Soft tissue		667	834	1042	467	584	729	1214	1517	1897
C50	Breast		239	299	374	120	149	187	729	912	1139
C60	Penis		327	409	511	164	204	256	972	1215	1518
C61	Prostate		1346	1683	2104	821	1027	1283	2464	3080	3850
C62	Testis		378	472	590	189	236	295	1121	1401	1752
C64-65	Kidney		491	613	767	353	442	552	824	1031	1288
C66-68	Urinary Bladder		805	1007	1258	644	805	1007	1667	2084	2605
C70-72	Brain		1246	1557	1947	934	1168	1460	1844	2305	2881
C73	Thyroid		289	362	452	78	98	122	987	1234	1542
C81	Hodgkins		478	598	747	363	454	568	1195	1494	1868
C82-85	Non Hodgkins		1359	1699	2123	720	900	1125	2501	3126	3907
C90	Multiple Myeloma		365	456	570	277	347	433	445	557	696
C91	Lymphoid Leukemia		667	834	1042	527	659	823	1060	1326	1657
C92	Myeloid Leukemia		831	1038	1298	656	820	1025	1321	1651	2063
C93-95	Oth.Leukemia		138	173	216	109	137	171	220	275	344
<b>Total</b>	<b>All Sites</b>		<b>28728</b>	<b>35910</b>	<b>44888</b>	<b>20972</b>	<b>26215</b>	<b>32768</b>	<b>54009</b>	<b>67511</b>	<b>84389</b>



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Table 11. B: Prediction of Incidence, Mortality and Prevalence Cancer Cases, Maharashtra, For The Years 2001, 2011 and 2021, Females.

ICD-10	Site	Incidences			Mortality			Prevalence		
		2001	2011	2021	2001	2011	2021	2001	2011	2021
C00	Lip	70	87	109	41	51	64	173	216	270
C01-02	Tongue	545	682	852	322	402	503	1353	1691	2113
C03	Gum	441	551	689	260	325	407	1094	1367	1709
C04-06	Other Mouth	963	1204	1505	568	710	888	2389	2986	3732
C07-08	Salivary gland	93	116	145	55	68	86	230	288	360
C09-10	Oropharynx	116	145	181	84	104	131	237	296	370
C11	Nasopharynx	104	131	163	68	85	106	259	324	405
C12-13	Hypopharynx	371	464	580	267	334	418	758	947	1184
C15	Oesophagus	1416	1770	2212	1317	1646	2057	1812	2265	2831
C16	Stomach	545	682	852	507	634	793	725	907	1133
C17	Small Intestine	46	58	73	30	37	46	91	114	142
C18	Colon	696	870	1088	446	557	696	1365	1706	2132
C19-21	Rectum	661	827	1034	423	529	661	1296	1621	2026
C22	Liver	487	609	762	483	603	754	136	171	213
C23-24	Gall bladder,bile	383	479	598	245	306	383	751	938	1173
C25	Pancreas	290	363	453	284	355	444	215	268	335
C30-31	Nose,Sinuses	255	319	399	156	195	243	615	769	961
C32	Larynx	302	377	471	184	230	288	727	909	1136
C33-34	Lung	963	1204	1505	896	1120	1400	1156	1445	1806
C40-41	Bone	232	290	363	118	148	185	590	737	921
C43	Skin Melanoma	70	87	109	36	44	55	177	221	276
C44	Skin Other	313	392	490	160	200	250	796	995	1243
C49	Conn & Soft tissue	545	682	852	278	348	435	1369	1711	2139
C50	Breast	9121	11401	14252	4652	5815	7268	27819	34774	43468
C51-52	Vulva,Vagina	290	363	453	162	203	254	798	997	1247
C53	Cervix	5849	7311	9139	3275	4094	5118	16084	20105	25131
C54	Corpus Uteri	441	551	689	137	171	214	1420	1775	2219
C55	Uterus	487	609	762	151	189	236	1569	1962	2452
C56	Ovary	2379	2974	3717	1404	1754	2193	5757	7196	8995
C64-65	Kidney	313	392	490	210	262	328	620	775	969
C66-68	Urinary Bladder	244	305	381	195	244	305	551	688	861
C70-72	Brain	731	914	1142	548	685	857	1119	1398	1748
C73	Thyroid	371	464	580	100	125	157	1289	1611	2013
C81	Hodgkins	186	232	290	104	130	162	462	578	722
C82-85	Non Hodgkins	801	1001	1251	617	771	963	1505	1882	2352
C90	Multiple Myeloma	209	261	326	157	196	245	286	358	447
C91	Lymphoid Leukemia	395	493	616	312	390	487	623	779	974
C92	Myeloid Leukemia	511	638	798	403	504	630	807	1008	1261
C93-95	Oth.Leukemia	197	247	308	156	195	244	312	390	487
<b>Total</b>	<b>Allsites</b>	<b>32435</b>	<b>40543</b>	<b>50679</b>	<b>20109</b>	<b>25137</b>	<b>31421</b>	<b>82059</b>	<b>102574</b>	<b>128218</b>



# CHAPTER 12

## APPENDIX

Definitions, statistical terms and method used in calculations.

**Age group :** The age groups used for estimating populations as well as grouping cancer cases are as per the WHO guidelines which are 0-4,5-9,10-14,-----75+ . According to the same definition the age group 0-14 constitutes childhood cancer.

**Incidence :** Cancer incidence denotes new cases diagnosed in a defined population in a specified period. For this report all cancer cases diagnosed from 1<sup>st</sup> January 2001 to 31<sup>st</sup> December 2001 in the different geographic areas covered by the four Population based Cancer Registries in Maharashtra are included.

**Rates :** Rates for cancer are always expressed per 100,000 population. For childhood cancer this may be expressed as per 1 million but later is not used in this report.

**Crude Incidence Rate (CR) :** This refers to the rate obtained by the division of the total number of cancer cases by the corresponding estimated population (mid year) and multiplying by 100,000.

$$CR = \frac{\text{New cases of cancer of the particular year}}{\text{Estimated population of the same year}} \times 100,000$$

**Age Specific Rate (ASPR) :** This refers to the rate obtained by the division of the total number of cancer cases by the corresponding estimated population in that age-group and sex / site / geographic area / time period and multiplied by 100,000.

$$ASPR = \frac{\text{New cases of cancer of the particular year in the given age-group}}{\text{Estimated population of the same year for the given age-group}} \times 100,000$$

**Age-Adjusted or Age-Standardized Rate (AAR) :** The occurrence of most cancers increases as age increases. Therefore, the higher the proportion of an older population the higher the number of cancers. Most developed and western countries have a higher proportion of an older population. So in order to make rates of cancer comparable between developed and developing countries a world standard population (given below) that takes this into account is used to arrive at age adjusted or age-standardized rates. This is calculated according to the direct method (Boyle & Parkin 1999) by obtaining the age specific rates and applying these rates to the standard population in that age-group. The world standard population approximates the proportional age distribution of the world and is given in Table 10.1



$$AAR = \frac{\sum_{i=1}^A a_i w_i}{\sum_{i=1}^A w_i}$$

where :  
 $a_i$  is the age specific rate (ASPR) in age class  $i$   
 $w_i$  is the standard population in age class  $i$   
 $A$  represents the number of age intervals

Table 10.1: Age Distribution of World Standard Population.

Age-group	World Standard Population
0-4	12,000
5-9	10,000
10-14	9,000
15-19	9,000
20-24	8,000
25-29	8,000
30-34	6,000
35-39	6,000
40-44	6,000
45-49	6,000
50-54	5,000
55-59	4,000
60-64	4,000
65-69	3,000
70-74	2,000
75+	2,000
All Ages	100,000

**Cumulative Rate (CuR) :** The cumulative rate (CuR) is an approximation of the cumulative risk. It is obtained by adding the annual age specific incidence rate for each five year age interval (up to either 64 or 74 years of age or for whatever age-group is to be used to calculate cumulative risk) multiplied by five times  $100 / 100,000$ .

$$CuR = \frac{5 \times (ASFR) \times 100}{100,000}$$

**Truncated Age Incidence Rate (TR) :** This is similar to the age adjusted rates except that it is calculated for the truncated age-group 35-64 years of age.



Cumulative Rate (CuR) : The cumulative rate (CuR) is an approximation of the cumulative risk. It is obtained by adding the annual age specific incidence rate for each five year age interval (up to either 64 or 74 years of age or for whatever age-group is to be used to calculate cumulative risk) multiplied by five times 100 / 100,000.

$$\text{CuR} = \frac{5 \times (\text{ASFR}) \times 100}{100,000}$$

Truncated Age Incidence Rate (TR) : This is similar to the age adjusted rates except that it is calculated for the truncated age-group 35-64 years of age.





# Tables



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

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**Table A.1: Number of Cancer Incidence Cases of by Site (ICD10) Age with Percentages, Greater Mumbai, 2001, Male**

ICD10	Site	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	ANS	Total	%
C00	Lip	0	1	0	0	0	0	0	1	2	1	7	3	2	1	0	5	0	23	0.5
C01-02	Tongue	0	0	0	0	3	3	5	11	24	26	28	32	28	25	12	21	0	218	4.8
C03	Gum	0	0	0	0	0	1	3	2	7	10	12	16	9	11	5	9	0	85	1.9
C04-06	Other mouth	0	1	0	0	3	0	11	10	34	34	43	41	33	21	14	8	2	255	5.6
C07-08	Salivary gland	0	0	0	1	1	0	1	1	5	1	3	7	4	1	1	3	0	29	0.6
C09-10	Oropharynx	0	0	0	0	0	1	0	3	2	7	13	13	7	10	7	5	0	68	1.5
C11	Nasopharynx	0	0	3	1	1	0	0	0	1	4	6	3	5	1	1	0	0	26	0.6
C12-13	Hypopharynx	0	0	0	0	0	0	1	5	11	14	11	22	18	29	29	12	0	152	3.4
C14	Other oral	0	0	0	0	0	0	0	0	3	0	4	2	3	7	3	3	0	25	0.6
C15	Oesophagus	0	0	0	0	1	0	5	6	8	13	33	31	30	44	32	48	1	252	5.6
C16	Stomach	0	0	0	0	0	2	3	3	10	12	15	25	42	29	17	17	0	175	3.9
C17	Small intestine	0	0	0	0	0	0	0	1	2	3	0	1	0	1	1	0	0	9	0.2
C18	Colon	0	0	1	1	0	1	6	5	9	16	16	12	12	17	10	21	1	128	2.8
C19-21	Rectum	0	0	1	1	3	3	5	8	9	15	17	18	22	8	12	21	0	143	3.2
C22	Liver	2	1	1	0	1	1	2	10	5	12	8	15	19	35	30	34	0	176	3.9
C23-24	Gall bladder, bile	0	0	0	0	0	0	3	4	6	8	13	6	12	12	9	9	0	82	1.8
C25	Pancreas	0	0	0	0	2	0	1	2	1	4	19	7	15	7	11	13	0	82	1.8
C26	Other digestive org	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	3	0	6	0.1
C30-31	Nose, sinuses	0	0	0	0	1	0	0	4	2	4	7	3	1	4	2	3	0	31	0.7
C32	Larynx	1	0	0	0	0	1	1	9	16	21	36	22	45	54	47	41	1	295	6.5
C33-34	Lung	0	0	0	0	1	0	5	5	13	22	34	56	71	70	47	48	1	373	8.3
C37-38	Mediastinum, plura	0	0	1	0	0	0	2	1	0	1	4	5	1	0	1	1	0	17	0.4
C40-41	Bone	1	2	5	13	6	6	5	6	3	2	1	1	5	7	5	2	0	70	1.5
C43	Skin melanoma	0	0	0	2	0	0	1	0	3	0	1	3	0	1	1	2	1	15	0.3
C44	Skin other	0	0	0	0	2	4	5	4	0	10	5	7	4	5	3	4	0	53	1.2
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	3	0.1
C46	Kaposi sarcoma	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0.0
C47	Nervous system	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	4	0.1
C48	Retroperitoneum	0	0	0	0	0	0	0	1	1	0	1	0	1	2	0	1	0	7	0.2
C49	Con. and soft tissue	2	2	2	2	3	3	6	6	5	6	7	4	6	5	8	3	1	71	1.6
C50	Breast	1	0	0	0	1	0	0	0	2	2	1	2	3	2	0	0	1	15	0.3
C60	Penis	0	0	0	0	0	0	1	3	3	2	6	8	7	4	2	3	0	39	0.9
C61	Prostate gland	0	1	0	0	0	1	2	2	1	1	8	13	35	45	49	86	3	247	5.5
C62	Testis	2	0	0	1	6	9	11	3	2	4	1	1	1	1	1	2	0	45	1.0
C63	Oth. male genital	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	2	0.0
C64-65	Kidney	4	1	0	0	1	1	1	3	5	10	11	9	16	11	11	4	0	88	1.9
C66-68	Urinary bladder	2	0	0	1	1	0	4	6	6	12	13	18	29	28	26	29	1	176	3.9
C69	Eye	2	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	5	0.1
C70-72	Brain	7	13	15	9	11	10	6	8	21	20	14	18	13	20	12	5	0	202	4.5
C73	Thyroid gland	1	0	1	2	1	1	4	3	2	5	11	5	5	3	2	2	1	49	1.1
C74-75	Oth.endocrine glands	1	2	1	0	1	0	1	1	1	1	0	1	0	1	0	0	1	12	0.3
C76	Oth. ill defined sites	0	0	1	0	0	0	0	2	0	1	2	0	4	4	7	6	0	27	0.6
C77	Lymph nodes	0	0	0	0	0	1	0	3	2	4	7	12	11	13	3	8	0	64	1.4
C78	Sec. respir & digest	0	0	0	0	0	1	2	5	2	7	5	8	9	10	2	3	0	54	1.2
C79	Sec. other	0	0	1	0	0	3	1	0	1	0	1	1	3	4	2	4	0	21	0.5
C80	Unknown primary	1	1	0	1	0	0	1	1	0	1	6	8	12	7	5	9	0	53	1.2
C81	Hodgkin Lymphoma	1	8	2	3	4	2	5	5	2	1	4	6	3	2	5	2	0	55	1.2
C82-85	Nonhodgkin lymphoma	3	5	6	7	9	4	9	13	19	19	19	13	22	15	16	16	0	195	4.3
C90	Multiple myeloma	0	0	0	0	0	0	1	0	2	7	7	6	8	11	11	8	0	61	1.3
C91	Lymphoid leukemia	11	16	13	4	7	4	4	7	4	2	5	3	4	4	3	4	0	95	2.1
C92	Myeloid leukemia	4	3	8	4	5	7	4	4	14	12	10	7	7	5	10	11	0	115	2.5
C93-95	Other Leukemia	6	1	0	1	1	4	0	2	0	2	1	1	2	2	2	1	0	26	0.6
<b>Total</b>	<b>All sites</b>	<b>52</b>	<b>59</b>	<b>62</b>	<b>56</b>	<b>77</b>	<b>76</b>	<b>129</b>	<b>179</b>	<b>273</b>	<b>361</b>	<b>478</b>	<b>495</b>	<b>589</b>	<b>600</b>	<b>478</b>	<b>541</b>	<b>15</b>	<b>4520</b>	<b>100.0</b>



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**Table A.2 : Number of Cancer Incidence Cases of by Site (ICD10) and Age with Percentages, Greater Mumbai, 2001, Female**

ICD10	Site	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	ANS	Total	%
C00	Lip	0	0	0	0	0	0	0	1	2	1	1	2	2	1	1	1	0	12	0.3
C01-02	Tongue	0	0	0	0	0	0	4	2	3	5	10	6	7	7	7	11	1	63	1.4
C03	Gum	0	0	0	0	0	0	0	1	2	3	5	10	7	3	2	3	0	36	0.8
C04-06	Other mouth	0	0	1	0	0	1	1	5	7	15	17	18	17	11	13	14	0	120	2.7
C07-08	Salivary gland	0	0	1	1	2	0	1	1	0	2	1	3	2	1	1	1	0	17	0.4
C09-10	Oropharynx	0	0	0	0	0	0	0	1	0	3	1	0	1	5	4	1	0	16	0.4
C11	Nasopharynx	0	0	1	0	0	1	2	3	0	1	0	1	0	0	1	1	0	11	0.2
C12-13	Hypopharynx	0	0	0	0	0	0	0	2	1	4	3	6	3	1	2	8	0	30	0.7
C14	Other oral	0	0	0	0	0	1	0	1	0	1	0	0	1	0	0	2	0	6	0.1
C15	Oesophagus	0	0	0	0	1	3	0	10	12	18	17	30	29	28	25	17	0	190	4.2
C16	Stomach	0	0	0	0	0	2	1	7	5	9	10	11	9	9	7	10	0	80	1.8
C17	Small intestine	0	0	0	0	0	1	1	0	1	2	0	0	0	1	1	1	0	8	0.2
C18	Colon	0	0	0	1	0	3	2	3	8	7	13	12	10	9	9	16	0	93	2.1
C19-21	Rectum	0	0	0	2	3	2	2	8	8	9	10	7	12	18	11	10	0	102	2.3
C22	Liver	1	0	2	0	1	3	0	2	4	9	6	7	6	10	15	17	0	83	1.8
C23-24	Gall bladder, bile	0	0	0	0	1	0	3	3	3	14	7	7	16	11	8	6	0	79	1.7
C25	Pancreas	0	0	0	1	2	0	1	3	4	3	5	7	10	9	14	11	0	70	1.5
C26	Other digestive org	2	0	0	0	0	0	0	0	0	1	0	0	1	0	1	2	0	7	0.2
C30-31	Nose, sinuses	0	0	0	0	2	0	1	2	0	2	4	2	6	3	5	1	0	28	0.6
C32	Larynx	0	0	0	1	0	0	0	0	2	5	6	7	1	1	2	3	0	28	0.6
C33-34	Lung	0	0	0	0	0	1	5	8	3	8	9	25	16	18	15	12	1	121	2.7
C37-38	Mediastinum, plura	0	0	0	0	0	0	2	0	0	1	2	1	4	3	1	2	0	16	0.4
C40-41	Bone	0	1	5	1	3	5	3	3	0	1	1	3	3	0	1	2	0	32	0.7
C43	Skin melanoma	0	0	0	0	0	0	0	0	0	0	1	2	0	1	0	1	0	5	0.1
C44	Skin other	0	0	0	0	1	1	1	0	2	2	6	1	2	6	5	7	0	34	0.8
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.0
C46	Kaposi sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C47	Nervous system	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C48	Retroperitoneum	0	0	0	0	0	1	0	0	1	1	1	1	2	1	0	0	0	8	0.2
C49	Con. and soft tissue	2	1	2	4	5	1	2	0	4	1	4	3	6	4	3	3	0	45	1.0
C50	Breast	0	0	0	1	7	22	53	91	158	182	175	142	116	116	66	77	6	1212	26.8
C51-52	Oth female genital	0	0	0	2	1	1	2	2	5	5	7	5	12	7	8	8	0	65	1.4
C53	Cervix uteri	0	0	0	0	1	4	22	63	86	99	88	68	73	56	40	29	3	632	14.0
C54	Corpus uteri	0	0	0	0	0	0	1	1	6	16	22	15	22	24	5	7	1	120	2.7
C55	Uterus	0	0	0	0	0	0	0	3	3	4	3	5	6	6	5	2	0	37	0.8
C56	Ovary	2	2	3	9	14	18	17	23	27	47	45	37	41	36	18	20	0	359	7.9
C64-65	Kidney	3	1	1	0	0	1	2	5	3	4	6	3	5	10	2	0	0	46	1.0
C66-68	Urinary bladder	1	0	0	0	0	0	0	3	1	1	3	2	9	6	4	6	0	36	0.8
C69	Eye	3	1	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	8	0.2
C70-72	Brain	5	5	6	6	10	6	5	6	7	11	9	15	5	12	9	3	0	120	2.7
C73	Thyroid gland	0	1	1	3	4	8	7	11	5	5	11	2	6	5	0	5	0	74	1.6
C74-75	Oth. endocrine glands	5	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	10	0.2
C76	Oth. ill defined sites	1	0	0	0	0	2	0	1	1	1	0	2	2	0	2	3	0	15	0.3
C77	Lymph nodes	1	0	0	0	0	0	1	0	2	3	5	4	5	5	0	4	1	31	0.7
C78	Sec. respir & digest	0	0	0	0	0	1	1	1	3	3	2	6	8	7	7	5	0	44	1.0
C79	Sec. other	0	0	0	0	0	0	1	0	0	2	4	2	0	4	1	3	0	17	0.4
C80	Unknown primary	0	0	0	1	0	0	2	0	2	4	1	4	3	2	2	6	1	28	0.6
C81	Hodgkin Lymphoma	0	4	4	1	0	2	1	0	1	2	2	1	2	3	3	1	0	27	0.6
C82-85	Nonhodgkin lymphoma	2	4	3	1	3	1	3	4	5	11	9	9	15	14	9	13	0	106	2.3
C90	Multiple myeloma	0	0	0	0	0	0	2	0	3	4	7	5	9	4	2	5	0	41	0.9
C91	Lymphoid leukemia	12	7	6	4	2	1	4	4	1	1	0	2	2	5	0	4	0	55	1.2
C92	Myeloid leukemia	5	5	1	5	5	6	7	11	6	1	4	2	4	3	2	5	0	72	1.6
C93-95	Other Leukemia	0	3	1	1	0	1	2	1	4	1	1	4	1	2	1	3	0	26	0.6
<b>Total</b>	<b>All sites</b>	<b>45</b>	<b>36</b>	<b>39</b>	<b>46</b>	<b>69</b>	<b>101</b>	<b>166</b>	<b>296</b>	<b>402</b>	<b>535</b>	<b>545</b>	<b>508</b>	<b>519</b>	<b>488</b>	<b>341</b>	<b>372</b>	<b>14</b>	<b>4522</b>	<b>100.0</b>



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table A.3 : Number of Cancer Incidences Cases of by Site (ICD10) and Age with Percentages, Poona, 2001, Male**

ICD-10	Site	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	ANS	Total	%
C00	Lip	0	0	0	0	0	0	0	0	0	1	2	1	0	1	0	1	0	6	0.5
C01_02	Tongue	0	0	0	0	1	2	1	0	5	4	3	6	8	6	7	1	0	44	3.6
C03	Gum	0	0	0	0	0	0	0	3	2	6	3	6	9	2	3	3	0	37	3.1
C04_06	Oth.Mth.	0	0	0	0	0	2	0	5	6	12	9	5	10	9	0	2	2	62	5.1
C07_08	Sal.Glands	0	0	0	0	0	0	0	1	0	1	1	2	1	0	0	0	1	7	0.6
C09_10	Oropharynx	0	0	0	0	1	0	0	1	0	1	6	1	4	2	3	2	1	22	1.8
C11	Nasopharynx	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	1	0	5	0.4
C12-13	Hypopharynx	0	0	0	0	0	0	0	0	1	3	7	5	3	4	5	3	1	32	2.6
C14	Oth.Oral	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	4	0.3
C15	Oesophagus	0	0	0	0	1	0	0	3	4	5	6	9	10	10	11	7	0	66	5.5
C16	Stomach	0	0	0	0	2	2	2	1	4	3	8	7	7	10	3	1	0	50	4.1
C17	Small Intestine	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2	0.2
C18	Colon	0	0	0	0	0	2	2	1	1	0	7	3	8	2	2	4	0	32	2.6
C19-21	Rectum	0	0	0	0	0	2	1	4	2	3	1	6	4	5	4	8	0	40	3.3
C22	Liver	1	0	1	1	1	1	2	6	4	6	5	2	7	5	1	12	0	55	4.5
C23-24	GallBladder	0	0	0	0	0	0	0	0	2	0	2	1	1	3	1	2	0	12	1.0
C25	Pancreas	0	0	0	0	0	0	2	1	0	1	6	3	6	5	2	1	0	27	2.2
C26	Oth.Dig	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	3	0.2
C30_31	Nose,sinus	1	0	0	0	0	0	0	1	1	1	2	2	0	4	1	2	0	15	1.2
C32	Larynx	0	0	0	0	1	0	0	0	1	4	11	8	24	26	7	8	0	90	7.4
C33_34	Lung	0	0	0	0	0	0	1	3	1	3	4	10	12	15	13	9	0	71	5.9
C37-38	Med.Plura	0	0	0	0	1	0	0	0	0	0	0	0	1	0	2	0	0	4	0.3
C40_41	Bone	0	1	2	2	1	1	1	2	0	1	1	1	0	1	1	0	0	15	1.2
C43	SkinMelanoma	0	0	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	5	0.4
C44	SkinOth.	0	0	0	0	0	0	0	0	1	0	1	2	0	1	2	9	2	18	1.5
C45	Mesotheloma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C46	KaposiSarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C47	Ner.System	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	5	0.4
C48	Retropertnium	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	3	0.2
C49	Con&Soft Tissue	1	1	1	2	2	1	3	2	3	1	0	3	1	5	1	2	1	30	2.5
C50	Breast	0	0	0	0	0	0	0	0	2	0	1	2	1	0	1	1	0	8	0.7
C60	Penis	0	0	0	0	1	0	0	2	3	1	4	0	0	3	2	3	0	19	1.6
C61	Prostate	0	0	0	0	0	0	0	1	0	1	1	3	5	9	17	33	0	70	5.8
C62	Testis	0	0	1	0	2	2	2	2	0	0	2	0	0	1	0	0	0	12	1.0
C63	Oth.MaleGenital	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C64_65	Kidney	1	0	0	1	0	1	0	2	1	2	5	1	1	4	2	4	0	25	2.1
C66_68	Uri.Bladd	0	0	0	0	0	0	3	1	2	1	4	5	3	6	8	5	0	38	3.1
C69	Eye	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	5	0.4
C70_72	Brain	3	4	4	0	5	7	3	1	3	5	2	3	4	3	4	3	1	55	4.5
C73	Thyroid	0	0	0	0	2	0	1	2	2	1	1	3	0	0	0	1	0	13	1.1
C74_75	Oth.Endo	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	4	0.3
C76	OthIIIDef	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0.2
C77	Lym.Nodes	0	0	0	0	0	0	0	0	0	2	3	0	1	2	2	4	0	14	1.2
C78	Sec Resp	0	0	0	0	0	0	2	1	1	2	2	1	2	0	2	1	0	14	1.2
C79	Sec Oth.	0	0	0	0	0	0	0	0	1	0	1	0	2	1	1	0	0	6	0.5
C80	Unk.Prim	0	0	0	0	0	0	2	2	1	1	1	2	2	6	3	10	0	30	2.5
C81	Hodgkin	0	0	1	2	3	0	1	2	2	1	0	0	1	1	0	0	0	14	1.2
C82_85	N.Hodgkin	0	3	2	2	0	6	2	3	2	4	8	0	6	8	3	8	1	58	4.8
C90	MulMyeloma	0	0	0	0	0	0	0	0	1	1	2	1	2	0	3	2	0	12	1.0
C91	Lymp.Leuk	2	3	2	6	2	0	1	2	0	1	1	0	2	0	1	0	0	23	1.9
C92	Mye.Leuk	0	0	2	3	1	4	0	0	1	3	1	3	1	1	1	2	0	23	1.9
C93_95	Oth.Leuk	0	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	0	3	0.2
Total	All Sties	15	13	16	19	28	36	32	57	63	83	126	112	156	163	121	160	10	1210	100.0



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table A 4 : Number of Cancer Incidence Cases of by Site (ICD10) and Age with Percentages, Poona, 2001, Female**

ICD10	Site	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	ANS	Total	%
C00	Lip	0	0	0	0	0	0	1	1	0	1	0	0	1	0	1	1	0	6	0.4
C01_02	Tongue	0	0	0	0	0	2	1	0	1	2	8	2	5	3	2	2	1	29	2.0
C03	Gum	0	0	0	0	0	0	0	1	0	2	6	7	2	2	2	2	1	25	1.7
C04_06	Oth.Mouth	0	0	0	0	0	0	1	2	2	6	4	3	10	3	8	1	2	42	2.9
C07_08	Sal.glands	0	1	0	0	1	1	0	0	0	1	0	0	0	1	2	0	0	7	0.5
C09_10	Oropharynx	0	0	0	0	0	0	1	1	0	0	2	1	0	1	1	0	0	7	0.5
C11	Nasopharynx	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	3	0.2
C12-13	Hypopharynx	0	0	0	0	0	0	1	1	3	2	2	1	3	3	4	1	0	21	1.4
C14	Oth.Oral	0	0	0	0	0	0	0	1	1	1	0	0	1	2	0	0	0	6	0.4
C15	Oesophagus	0	0	0	0	0	0	0	2	0	1	5	4	4	11	10	9	0	46	3.1
C16	Stomach	0	0	0	0	0	0	0	1	2	3	5	1	5	4	6	6	0	33	2.3
C17	Small Intestine	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	4	0.3
C18	Colon	0	0	0	0	1	2	1	1	0	4	6	3	7	2	6	2	0	35	2.4
C19-21	Rectum	0	0	0	0	1	0	1	1	1	2	4	5	8	4	0	1	1	29	2.0
C22	Liver	1	0	0	0	0	0	1	0	0	0	4	1	3	3	3	6	0	22	1.5
C23-24	GallBladder	0	0	0	0	0	0	0	1	2	1	1	0	3	2	1	5	0	16	1.1
C25	Pancreas	0	0	0	0	1	1	0	0	0	0	0	0	1	1	4	4	0	12	0.8
C26	Oth.Dig.org	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0.1
C30_31	Nose,Sinus	0	0	0	0	0	0	0	1	1	1	1	2	1	2	1	2	0	12	0.8
C32	Larynx	0	0	0	0	0	0	0	0	1	0	1	1	3	1	1	3	1	12	0.8
C33_34	Lung	0	0	0	0	0	0	1	1	2	7	5	4	5	8	3	5	0	41	2.8
C37-38	Medias.,plura	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.1
C40_41	Bone	0	0	0	1	0	1	2	1	1	0	2	1	0	1	0	2	1	13	0.9
C43	SkinMelanoma	0	0	0	0	0	0	0	1	0	1	0	0	2	1	0	1	0	6	0.4
C44	SkinOther	0	0	0	0	0	0	1	0	2	2	1	0	2	3	2	1	0	14	1.0
C45	Mesotheloma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C46	KaposiSarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C47	Nervous system	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C48	Retroperonium	0	0	0	0	0	0	0	1	0	1	0	1	0	0	2	1	0	6	0.4
C49	Con.&Soft tissue	1	0	0	2	0	1	1	1	3	2	6	2	3	0	0	0	0	22	1.5
C50	Breast	0	0	0	1	3	5	15	22	42	58	46	44	39	34	21	21	1	352	24.0
C51_52	Vulva	0	0	0	0	0	0	0	1	2	0	1	0	3	2	0	0	0	9	0.6
C53	Cervix	0	0	0	0	0	12	13	18	23	46	39	23	35	29	17	13	0	268	18.3
C54	CorpusUteri	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1
C55	Uterus	0	0	0	0	0	0	0	1	2	5	5	6	4	3	1	3	0	30	2.0
C56	Ovary	0	0	0	1	2	1	5	6	10	13	19	13	9	14	16	8	0	117	8.0
C64_65	Kidney	0	0	0	1	0	0	1	1	0	1	2	1	1	1	0	2	0	11	0.8
C66_68	Uri.Bladder	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	0	5	0.3
C69	Eye	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C70_72	Brain	0	0	0	3	1	1	2	2	2	2	1	3	1	2	1	2	0	23	1.6
C73	Thyroid	0	0	0	0	0	1	3	1	1	1	3	2	0	1	1	2	0	16	1.1
C74_75	Oth.Endo	2	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0.3
C76	Oth.III.Def.	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.1
C77	Lymphnodes	0	0	0	0	0	0	0	0	0	0	2	0	1	2	0	0	0	5	0.3
C78	Sec.respir.	0	0	0	0	0	1	0	1	0	0	2	2	0	1	2	2	0	11	0.8
C79	Sec.Other	0	0	0	0	0	0	0	0	0	2	0	1	4	1	0	0	0	8	0.5
C80	Unk.Prim.	0	0	0	0	0	2	0	0	1	2	1	2	4	2	3	4	0	21	1.4
C81	Hodgkin	0	0	1	3	1	2	1	0	1	0	0	1	0	0	0	0	0	10	0.7
C82_85	NonHodgkin	0	1	1	0	1	0	2	2	1	5	8	5	5	8	6	7	0	52	3.6
C90	Mul.Myeloma	1	0	0	0	0	0	0	0	0	1	3	0	2	3	1	2	0	13	0.9
C91	Lym.Leuk.	5	3	2	0	0	1	0	0	0	0	0	0	1	1	0	0	0	13	0.9
C92	Mye.Leuk.	0	1	4	2	1	0	1	0	1	0	0	1	1	2	1	1	0	16	1.1
C93_95	Oth.Leuk.	1	2	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	6	0.4
<b>Total</b>	<b>All Sites</b>	<b>11</b>	<b>9</b>	<b>8</b>	<b>14</b>	<b>14</b>	<b>34</b>	<b>57</b>	<b>74</b>	<b>108</b>	<b>177</b>	<b>199</b>	<b>146</b>	<b>181</b>	<b>167</b>	<b>134</b>	<b>123</b>	<b>8</b>	<b>1464</b>	<b>100.0</b>



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table A. 5 : Number of Cancer Incidence Cases of by Site (ICD10) and Age with Percentages, Nagpur , 2001, Male**

ICD10	Site	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	ANS	Total	%
C00	Lip	0	0	0	0	0	0	0	0	0	3	0	2	2	0	0	0	0	7	0.8
C01-02	Tongue	0	0	0	1	1	0	2	4	4	6	7	10	6	10	3	2	0	56	6.3
C03	Gum	0	0	0	0	1	0	2	1	2	2	2	1	7	1	0	0	0	19	2.1
C04-06	Oth.Mth.	0	0	0	0	0	0	0	5	4	1	2	4	6	5	0	4	0	31	3.5
C07-08	Sal.Glands	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	3	0.3
C09-10	Oropharynx	0	0	0	0	0	0	0	0	3	3	3	5	4	3	3	2	0	26	2.9
C11	Nasopharynx	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	2	0.2
C12-13	Hypopharynx	0	0	0	0	0	0	1	2	1	2	3	1	3	3	2	1	0	19	2.1
C14	Oth.Oral	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	1	0	6	0.7
C15	Oesophagus	0	0	0	0	0	1	1	1	5	6	10	5	4	11	5	7	1	57	6.4
C16	Stomach	0	0	0	0	1	0	1	2	5	2	1	3	5	5	5	2	0	32	3.6
C17	Small intestine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C18	Colon	0	0	0	0	0	1	0	2	4	2	3	3	1	3	1	0	1	21	2.4
C19-21	Rectum	0	0	0	0	0	4	1	2	2	3	3	3	3	4	1	2	0	28	3.2
C22	Liver	0	0	0	1	0	0	0	0	0	3	1	0	0	3	2	0	0	10	1.1
C23-24	Gall Bladder	0	0	0	0	0	0	0	0	1	1	1	3	0	0	2	1	0	9	1.0
C25	Pancreas	0	0	0	0	0	0	0	0	0	2	4	3	1	2	0	0	1	13	1.5
C30-31	Nose,Sin	0	0	0	0	0	0	0	0	3	1	3	0	2	3	0	1	1	14	1.6
C32	Larynx	0	0	0	1	0	0	0	1	2	9	7	9	18	10	10	3	0	70	7.9
C33-34	Lung	0	0	0	1	0	1	2	0	2	1	7	6	12	13	4	4	2	55	6.2
C37-38	Med.Plura	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.1
C40-41	Bone	0	2	0	2	3	2	1	0	1	0	0	1	0	0	0	1	0	13	1.5
C43	Skin Melanoma	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5	0.6
C44	Skin Other	0	0	0	0	0	0	0	1	1	1	4	2	1	1	3	3	0	17	1.9
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C46	Kaposi sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C47	Ner.System	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.1
C48	Retropertonium	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C49	Con&Soft Tissue	0	0	0	1	1	2	1	0	1	0	3	1	2	2	0	0	1	15	1.7
C50	Breast	0	0	0	0	0	1	0	0	1	3	1	0	1	1	0	0	0	8	0.9
C60	Penis	0	0	0	0	0	1	1	0	0	1	1	2	0	1	0	1	0	8	0.9
C61	Prostate	0	0	0	0	0	0	1	1	2	0	0	1	5	2	5	3	0	20	2.3
C62	Testis	0	0	0	0	2	1	2	3	1	1	1	0	0	0	0	0	0	11	1.2
C63	Oth.Male genital	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C64-65	Kidney	1	1	0	0	0	0	1	1	2	2	0	1	1	2	1	0	0	13	1.5
C66-68	Uri.Bladd	0	0	0	0	0	0	0	0	2	0	0	0	3	4	4	4	1	18	2.0
C69	Eye	1	1	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	5	0.6
C70-72	Brain	2	1	2	0	3	2	2	1	1	2	6	4	2	0	1	2	0	31	3.5
C73	Thyroid	0	0	0	1	1	1	0	0	0	0	0	1	2	0	0	0	0	6	0.7
C74-75	Oth.Endo	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.1
C76	Oth.III Def	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0.1
C77	Lym.Nodes	0	0	0	0	0	0	1	1	0	1	1	3	3	1	1	1	1	14	1.6
C78	Sec Resp	0	0	0	0	1	0	0	0	1	1	2	2	2	3	0	4	0	16	1.8
C79	Sec Oth.	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	3	0.3
C80	Unk.Prim	1	0	0	0	1	2	3	2	8	5	6	9	9	10	1	9	3	69	7.8
C81	Hodgkin	1	0	1	0	1	1	0	1	0	1	1	0	3	0	1	1	0	12	1.4
C82-85	N.Hodgkin	3	4	0	2	2	2	2	4	3	6	0	1	8	3	1	1	0	42	4.8
C90	MulMyeloma	0	0	0	0	0	0	0	0	0	1	3	2	1	3	2	0	0	12	1.4
C91	Lymp.Leuk	2	3	3	6	0	2	1	0	4	0	3	0	0	0	0	0	0	24	2.7
C92	Mye.Leuk	0	3	3	2	4	4	2	3	4	1	2	3	1	2	1	0	0	35	4.0
C93-95	Oth.Leuk	0	2	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	5	0.6
<b>Total</b>	<b>All Sties</b>	<b>11</b>	<b>18</b>	<b>10</b>	<b>18</b>	<b>23</b>	<b>29</b>	<b>30</b>	<b>39</b>	<b>73</b>	<b>71</b>	<b>97</b>	<b>90</b>	<b>123</b>	<b>120</b>	<b>60</b>	<b>60</b>	<b>12</b>	<b>884</b>	<b>100.0</b>



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table A 6 : Number of Cancer Incidence Cases of by Site (ICD10) and Age with Percentages, Nagpur , 2001, Female**

ICD10	Site	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	99	Total	%
C00	Lip	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.1
C01-02	Tongue	0	0	0	0	0	0	0	2	0	0	3	0	0	1	0	1	0	7	0.8
C03	Gum	0	0	0	0	0	0	0	0	1	1	1	0	4	1	2	0	0	10	1.1
C04-06	Oth.Mouth	0	0	0	0	0	0	1	4	0	1	4	0	2	2	2	1	0	17	1.9
C07-08	Sal.glands	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.1
C09-10	Oropharynx	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	3	0.3
C11	Nasopharynx	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	3	0.3
C12-13	Hypopharynx	0	0	0	0	0	0	0	1	1	1	1	1	2	1	0	1	0	9	1.0
C14	Oth.Oral	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.1
C15	Oesophagus	0	0	0	0	0	0	0	2	1	1	4	3	11	6	4	3	2	37	4.1
C16	Stomach	0	0	0	0	0	0	0	1	1	2	1	1	2	5	0	1	0	14	1.5
C17	Small Intestine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.1
C18	Colon	0	0	0	0	2	0	0	0	1	3	2	4	4	0	0	3	1	20	2.2
C19-21	Rectm	0	0	0	0	1	0	3	2	0	1	2	4	1	1	1	0	1	17	1.9
C22	Liver	0	0	0	0	0	0	1	1	0	1	0	1	0	1	2	1	0	8	0.9
C23-24	GallBladder	0	0	0	0	0	0	0	0	0	2	2	1	2	2	0	0	0	9	1.0
C25	Pancreas	0	0	0	0	0	0	0	1	0	1	0	1	0	2	0	0	0	5	0.5
C26	Oth.Dig.org	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C30-31	Nose,Sinus	0	0	0	0	1	0	0	1	1	0	0	1	1	0	0	0	0	5	0.5
C32	Larynx	0	0	0	0	1	0	1	1	2	0	0	4	2	1	2	0	0	14	1.5
C33-34	Lung	0	0	0	0	0	0	1	2	0	0	4	2	7	1	0	1	2	20	2.2
C37-38	Medias.,plura	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C40-41	Bone	0	1	0	0	0	0	0	2	0	0	0	0	1	1	0	0	0	5	0.5
C43	SkinMelanoma	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2	0.2
C44	SkinOther	0	0	0	0	0	0	0	0	0	0	1	0	3	1	0	1	0	6	0.7
C45	Mesothelioma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C46	Kaposi sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C47	Retropenium	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.1
C49	Con.&Soft Tissue	0	0	2	1	1	1	2	0	0	0	2	1	0	0	0	0	0	10	1.1
C50	Breast	0	0	0	0	5	13	17	31	30	25	24	38	35	26	8	3	5	260	28.6
C51-52	Vulva	0	0	0	0	0	0	1	1	0	0	0	2	1	2	1	0	0	8	0.9
C53	Cervix	0	0	0	1	0	3	9	12	22	21	21	16	27	18	7	5	1	163	17.9
C54	CorpusUteri	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	3	0.3
C55	Uterus	0	0	0	0	0	0	0	2	3	1	3	1	4	1	3	0	0	18	2.0
C56	Ovary	0	1	0	1	1	4	5	5	13	7	8	3	8	3	2	0	0	61	6.7
C64-65	Kidney	3	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	7	0.8
C66-68	Uri.Bladder	0	0	0	0	0	0	0	1	0	0	0	1	2	4	1	0	0	9	1.0
C69	Eye	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0.2
C70-72	Brain	0	0	2	3	1	1	2	4	0	1	6	2	0	1	0	0	1	24	2.6
C73	Thyroid	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	4	0.4
C74-75	Oth.Endo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C76	Oth.III.Def.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C77	Lymphnodes	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	3	0.3
C78	Sec.respir.	0	0	0	0	0	1	0	0	0	3	1	2	0	1	1	2	0	11	1.2
C79	Sec.Other	0	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	4	0.4
C80	Unk.Prim.	0	1	1	0	1	0	2	2	4	12	4	3	7	5	3	3	2	50	5.5
C81	Hodgkin	0	0	1	1	0	0	0	2	0	0	0	1	0	0	0	0	0	5	0.5
C82-85	NonHodgkin	0	0	3	3	3	2	0	0	0	2	4	0	0	1	1	0	0	19	2.1
C90	Mul.Myeloma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.1
C91	Lym.Leuk.	2	1	1	0	1	0	0	0	0	0	1	0	0	0	1	1	0	8	0.9
C92	Mye.Leuk.	0	0	2	0	2	1	1	2	3	2	0	1	0	0	2	1	0	17	1.9
C93-95	Oth.Leuk.	1	2	2	0	1	0	0	0	0	0	0	0	1	0	0	0	0	7	0.8
Total	All Sites	7	6	14	14	23	26	51	83	83	91	106	95	131	90	45	30	15	910	100.0



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table A. 7 : Number of Cancer Incidence Cases of by Site (ICD10) and Age with Percentages, Aurangabad , 2001, Male**

ICD10	Site	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	ANS	Total	%
C00	Lip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C01-02	Tongue	0	0	0	0	0	0	0	0	2	1	2	0	0	3	0	2	0	10	5.6
C03	Gum	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	4	2.3
C04-06	Oth.Mth	0	0	0	0	0	0	0	1	2	1	1	1	1	2	2	1	0	12	6.8
C07-08	Sal.glands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.6
C09-10	Oropharynx	0	0	0	0	1	0	1	0	0	0	1	0	1	4	0	0	0	8	4.5
C11	Nasopharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C12-13	Hypopharynx	0	0	0	0	1	0	1	0	0	1	3	1	3	3	3	2	0	18	10.2
C14	Oth.Oral	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.6
C15	Oesophagus	0	0	0	0	0	0	0	0	1	2	1	4	1	7	1	4	0	21	11.9
C16	Stomach	0	0	0	0	0	0	0	0	3	1	0	1	0	0	0	0	0	5	2.8
C17	Small Intestine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C18	Colon	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.6
C19-21	Rectum	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	4	2.3
C22	Liver	0	0	0	0	0	1	0	0	0	3	1	0	0	1	2	1	0	9	5.1
C23	Gallbladder	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C24	Bileduct	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C25	Pancreas	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.6
C26	Oth.Dig.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C30-31	Nose,Sinus.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C32	Larynx	0	0	0	0	0	0	0	0	0	0	1	1	1	3	1	0	0	7	4.0
C33-34	Lung	0	0	0	0	0	0	0	0	2	0	2	2	3	2	2	2	0	15	8.5
C37-38	Med.Pleura	0	0	0	0	0	0	0	0	0	2	1	0	1	0	0	0	0	4	2.3
C40-41	Bone	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	2	1.1
C43	SkinMela.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C44	SkinOther	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C45	Mesothelima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C46	Kaposiserc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C47	Nerv.system	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C48	Retroperit.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C49	Con.&Soft Tissue	0	0	0	0	0	1	0	1	1	0	0	0	2	0	0	0	0	5	2.8
C50	Breast	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	3	1.7
C60	Penis	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.6
C61	Prostate	0	0	0	0	0	0	0	1	0	0	0	1	1	0	2	1	0	6	3.4
C62	Testis	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	3	1.7
C64-65	Kidney	1	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	4	2.3
C66-68	Urin.Bladder	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C69	Eye	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.6
C70-72	Brain	1	0	0	1	0	0	0	1	0	1	1	0	0	0	0	0	0	5	2.8
C73	Thyroid	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	2	1.1
C74-75	Oth.Endoc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C76	Oth.III.Def.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C77	Lymphnodes	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.6
C78	Sec.Resp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C79	Sec.Oth.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C80	Unk.Prim.	0	0	0	0	0	0	1	0	2	0	2	0	2	1	1	0	0	9	5.1
C81	Hodgkin	0	0	2	1	0	0	0	0	0	0	1	0	1	0	0	0	0	5	2.8
C82-85	NonHodgkin	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	0	4	2.3
C90	Mul.Myeloma	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0.6
C91	Lym.Leuk	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	1.1
C92-94	Mye.Leuk	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1.1
C95	Oth.Leuk.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
<b>Total</b>	<b>All Sites</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>4</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>14</b>	<b>17</b>	<b>20</b>	<b>14</b>	<b>20</b>	<b>30</b>	<b>18</b>	<b>16</b>	<b>0</b>	<b>177</b>	<b>100.0</b>





# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

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**Table A. 8 : Number of Cancer Incidence Cases of by Site (ICD10) and Age with Percentages, Aurangabad , 2001, Female**

ICD10	Site	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	ANS	Total	%
C00	Lip	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C01-02	Tongue	0	0	0	0	0	0	0	0	2	0	0	0	2	1	0	0	0	5	2.8
C03	Gum	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	3	1.7
C04-06	Oth.Mth.	0	0	0	0	0	0	0	1	0	1	1	0	2	3	1	0	0	9	5.0
C07-08	Sal.Glands	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C09-10	Oropharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C11	Nasopharynx	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.6
C12-13	Hypopharynx	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	1.1
C14	Oth.Oral	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C15	Oesophagus	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	3	0	11	6.1
C16	Stomach	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C17	Small Inten.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C18	Colon	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	1.1
C19-21	Rectum	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2	1.1
C22	Liver	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	3	1.7
C23-24	GallBladder	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C25	Pancreas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C26	Oth.Dig.org	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C30-31	Nose,Sinus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	1.1
C32	Larynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C33-34	Lung	0	0	0	0	0	0	2	0	0	1	0	2	1	1	0	1	0	8	4.4
C37-38	Med.Pluera	0	0	0	0	0	0	0	1	1	0	0	1	2	1	0	0	0	6	3.3
C40-41	Bone	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.6
C43	Skin Melan.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C44	Skin Other	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3	1.7
C45	Mesothelima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C46	Kapsol sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C47	Ner.System	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C48	Retroperi.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C49	Con.&Soft Tissue	0	1	0	0	0	1	2	0	0	0	1	0	1	0	1	0	0	7	3.9
C50	Breast	0	0	0	0	2	0	2	8	7	10	1	5	3	7	2	1	0	48	26.7
C51-52	Vulva,Vagina	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C53	Cervix	0	0	0	0	0	1	2	3	6	6	1	2	6	4	2	1	0	34	18.9
C54	Corpus uteri	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	5	2.8
C55	Uterus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C56	Ovary	0	0	0	0	0	0	1	1	1	0	0	0	0	3	0	0	0	6	3.3
C64-65	Kidney	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	1.1
C66-68	Uri.Bladder	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.6
C69	Eyes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C70-72	Brain	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	1.1
C73	Thyroid	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	1.1
C74-75	Oth.Endo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C76	Oth.Ill.Def.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C77	Lymph nodes	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C78	Sec.Resp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C79	Sec.Oth.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C80	Unk.Prim.	1	0	1	0	0	0	0	0	0	0	0	2	0	1	0	1	0	6	3.3
C81	Hodgkin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
C82-85	Non.Hodgkin	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.6
C90	Mul.Myeloma	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.6
C91	Lym.Leuk.	0	0	1	0	0	0	0	2	0	0	0	0	1	0	0	0	0	4	2.2
C92-94	Mye.Leuk.	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	1.1
C95	Oth.Leuk.	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.6
<b>Total</b>	<b>All sites</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>13</b>	<b>20</b>	<b>22</b>	<b>23</b>	<b>8</b>	<b>14</b>	<b>24</b>	<b>23</b>	<b>9</b>	<b>8</b>	<b>0</b>	<b>180</b>	<b>100.0</b>



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table B 1: Average Annual Age-Specific, World Age Adjusted, Truncated (35-64) Incidence Rates of Cancer Cases Per 100,000 Persons, Greater Mumbai, 2001, Male**

ICD10	Site	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	CR	AAR	TR
C00	Lip	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.3	2.6	1.6	1.4	1.2	0.0	9.3	0.3	0.5	1.0
C01-02	Tongue	0.0	0.0	0.0	0.0	0.4	0.4	0.8	2.1	5.6	7.6	10.5	17.5	19.9	30.0	23.6	39.2	3.3	5.2	9.5
C03	Gum	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.4	1.6	2.9	4.5	8.7	6.4	13.2	9.8	16.8	1.3	2.1	3.6
C04-06	Other mouth	0.0	0.2	0.0	0.0	0.4	0.0	1.8	1.9	7.9	9.9	16.1	22.4	23.4	25.2	27.6	14.9	3.8	5.6	12.3
C07-08	Salivary gland	0.0	0.0	0.0	0.2	0.1	0.0	0.2	0.2	1.2	0.3	1.1	3.8	2.8	1.2	2.0	5.6	0.4	0.6	1.4
C09-10	Oropharynx	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.6	0.5	2.0	4.9	7.1	5.0	12.0	13.8	9.3	1.0	1.7	2.9
C11	Nasopharynx	0.0	0.0	0.5	0.2	0.1	0.0	0.0	0.0	0.2	1.2	2.2	1.6	3.6	1.2	2.0	0.0	0.4	0.5	1.3
C12-13	Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.9	2.6	4.1	4.1	12.0	12.8	34.8	57.1	22.4	2.3	4.3	5.3
C14	Other oral	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.5	1.1	2.1	8.4	5.9	5.6	0.4	0.7	0.8
C15	Oesophagus	0.0	0.0	0.0	0.0	0.1	0.0	0.8	1.1	1.9	3.8	12.3	16.9	21.3	52.8	63.0	89.6	3.8	7.2	8.2
C16	Stomach	0.0	0.0	0.0	0.0	0.0	0.3	0.5	0.6	2.3	3.5	5.6	13.6	29.8	34.8	33.5	31.7	2.6	4.8	7.8
C17	Small intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.9	0.0	0.5	0.0	1.2	2.0	0.0	0.1	0.2	0.4
C18	Colon	0.0	0.0	0.2	0.2	0.0	0.1	1.0	0.9	2.1	4.7	6.0	6.6	8.5	20.4	19.7	39.2	1.9	3.3	4.4
C19-21	Rectum	0.0	0.0	0.2	0.2	0.4	0.4	0.8	1.5	2.1	4.4	6.4	9.8	15.6	9.6	23.6	39.2	2.2	3.5	5.9
C22	Liver	0.3	0.2	0.2	0.0	0.1	0.1	0.3	1.9	1.2	3.5	3.0	8.2	13.5	42.0	59.1	63.4	2.7	5.2	4.5
C23-24	Gall bladder, bile	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.7	1.4	2.3	4.9	3.3	8.5	14.4	17.7	16.8	1.2	2.1	3.2
C25	Pancreas	0.0	0.0	0.0	0.0	0.3	0.0	0.2	0.4	0.2	1.2	7.1	3.8	10.7	8.4	21.7	24.3	1.2	2.2	3.4
C26	Other digestive org	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	2.0	5.6	0.1	0.2	0.0
C30-31	Nose, sinuses	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.7	0.5	1.2	2.6	1.6	0.7	4.8	3.9	5.6	0.5	0.7	1.2
C32	Larynx	0.2	0.0	0.0	0.0	0.0	0.1	0.2	1.7	3.7	6.1	13.5	12.0	32.0	64.8	92.5	76.5	4.4	8.5	10.1
C33-34	Lung	0.0	0.0	0.0	0.0	0.1	0.0	0.8	0.9	3.0	6.4	12.7	30.6	50.4	84.0	92.5	89.6	5.6	10.7	14.5
C37-38	Mediastinum, plura	0.0	0.0	0.2	0.0	0.0	0.0	0.3	0.2	0.0	0.3	1.5	2.7	0.7	0.0	2.0	1.9	0.3	0.4	0.8
C40-41	Bone	0.2	0.3	0.8	2.0	0.8	0.9	0.8	1.1	0.7	0.6	0.4	0.5	3.6	8.4	9.8	3.7	1.1	1.3	1.1
C43	Skin melanoma	0.0	0.0	0.0	0.3	0.0	0.0	0.2	0.0	0.7	0.0	0.4	1.6	0.0	1.2	2.0	3.7	0.2	0.3	0.4
C44	Skin other	0.0	0.0	0.0	0.0	0.3	0.6	0.8	0.7	0.0	2.9	1.9	3.8	2.8	6.0	5.9	7.5	0.8	1.1	1.9
C45	Mesothelioma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0	0.0	1.2	0.0	0.0	0.0	0.1	0.1
C46	Kaposi sarcoma	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C47	Nervous system	0.0	0.0	0.0	0.2	0.1	0.1	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
C48	Retroperitoneum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.4	0.0	0.7	2.4	0.0	1.9	0.1	0.2	0.2
C49	Con.and soft tissue tissue	0.3	0.3	0.3	0.3	0.4	0.4	1.0	1.1	1.2	1.7	2.6	2.2	4.3	6.0	15.8	5.6	1.1	1.5	2.0
C50	Breast	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.5	0.6	0.4	1.1	2.1	2.4	0.0	0.0	0.2	0.3	0.7
C60	Penis	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.7	0.6	2.2	4.4	5.0	4.8	3.9	5.6	0.6	0.9	1.9
C61	Prostate gland	0.0	0.2	0.0	0.0	0.0	0.1	0.3	0.4	0.2	0.3	3.0	7.1	24.9	54.0	96.5	160.5	3.7	8.3	4.8
C62	Testis	0.3	0.0	0.0	0.2	0.8	1.3	1.8	0.6	0.5	1.2	0.4	0.5	0.7	1.2	2.0	3.7	0.7	0.7	0.6
C63	Oth. male genital	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.1	0.0
C64-65	Kidney	0.7	0.2	0.0	0.0	0.1	0.1	0.2	0.6	1.2	2.9	4.1	4.9	11.4	13.2	21.7	7.5	1.3	2.2	3.7
C66-68	Urinary bladder	0.3	0.0	0.0	0.2	0.1	0.0	0.7	1.1	1.4	3.5	4.9	9.8	20.6	33.6	51.2	54.1	2.7	5.0	5.9
C69	Eye	0.3	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
C70-72	Brain	1.2	2.0	2.4	1.4	1.5	1.4	1.0	1.5	4.9	5.8	5.2	9.8	9.2	24.0	23.6	9.3	3.0	4.1	5.7
C73	Thyroid gland	0.2	0.0	0.2	0.3	0.1	0.1	0.7	0.6	0.5	1.5	4.1	2.7	3.6	3.6	3.9	3.7	0.7	1.0	2.0
C74-75	Oth. endocrine glands	0.2	0.3	0.2	0.0	0.1	0.0	0.2	0.2	0.2	0.3	0.0	0.5	0.0	1.2	0.0	0.0	0.2	0.2	0.2
C76	Oth. ill defined sites	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.4	0.0	0.3	0.7	0.0	2.8	4.8	13.8	11.2	0.4	0.8	0.6
C77	Lymph nodes	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.6	0.5	1.2	2.6	6.6	7.8	15.6	5.9	14.9	1.0	1.7	2.7
C78	Sec. respir & digest	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.9	0.5	2.0	1.9	4.4	6.4	12.0	3.9	5.6	0.8	1.3	2.4
C79	Sec. other	0.0	0.0	0.2	0.0	0.0	0.4	0.2	0.0	0.2	0.0	0.4	0.5	2.1	4.8	3.9	7.5	0.3	0.6	0.5
C80	Unknown primary	0.2	0.2	0.0	0.2	0.0	0.0	0.2	0.2	0.0	0.3	2.2	4.4	8.5	8.4	9.8	16.8	0.8	1.5	2.1
C81	Hodgkin Lymphoma	0.2	1.2	0.3	0.5	0.5	0.3	0.8	0.9	0.5	0.3	1.5	3.3	2.1	2.4	9.8	3.7	0.8	1.1	1.3
C82-85	Non hodgkin lymphoma	0.5	0.8	0.9	1.1	1.2	0.6	1.5	2.4	4.4	5.5	7.1	7.1	15.6	18.0	31.5	29.9	2.9	4.3	6.5
C90	Multiple myeloma	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.5	2.0	2.6	3.3	5.7	13.2	21.7	14.9	0.9	1.8	2.1
C91	Lymphoid leukemia	1.9	2.5	2.1	0.6	0.9	0.6	0.7	1.3	0.9	0.6	1.9	1.6	2.8	4.8	5.9	7.5	1.4	1.7	1.4
C92	Myeloid leukemia	0.7	0.5	1.3	0.6	0.7	1.0	0.7	0.7	3.3	3.5	3.7	3.8	5.0	6.0	19.7	20.5	1.7	2.4	3.2
C93-95	Other Leukemia	1.0	0.2	0.0	0.2	0.1	0.6	0.0	0.4	0.0	0.6	0.4	0.5	1.4	2.4	3.9	1.9	0.4	0.6	0.5
Total	All sites	8.9	9.2	9.8	8.8	10.3	11.0	21.4	33.4	63.5	105.3	178.7	270.2	418.5	719.8	941.2	1009.4	68.1	115.9	156.8



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table B 2: Average Annual Age-Specific, World Age Adjusted, Truncated (35-64) Incidence Rates of Cancer Cases Per 100,000 Persons, Greater Mumbai, 2001, Female**

ICD10	Site	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	CR	AAR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.4	0.5	1.4	1.7	1.4	2.0	1.8	0.2	0.3	0.7
C01-02	Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.5	1.0	2.1	5.4	4.3	5.9	9.7	14.3	19.5	1.2	1.9	2.9
C03	Gum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.7	1.2	2.7	7.1	5.9	4.2	4.1	5.3	0.7	1.1	2.5
C04-06	Other mouth	0.0	0.0	0.2	0.0	0.0	0.2	0.2	1.2	2.4	6.2	9.1	12.8	14.2	15.2	26.5	24.9	2.2	3.7	6.8
C07-08	Salivary gland	0.0	0.0	0.2	0.2	0.3	0.0	0.2	0.2	0.0	0.8	0.5	2.1	1.7	1.4	2.0	1.8	0.3	0.4	0.8
C09-10	Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.2	0.5	0.0	0.8	6.9	8.2	1.8	0.3	0.6	0.5
C11	Nasopharynx	0.0	0.0	0.2	0.0	0.0	0.2	0.4	0.7	0.0	0.4	0.0	0.7	0.0	0.0	2.0	1.8	0.2	0.2	0.3
C12-13	Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	1.6	1.6	4.3	2.5	1.4	4.1	14.2	0.6	0.9	1.6
C14	Other oral	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.4	0.0	0.0	0.8	0.0	0.0	3.6	0.1	0.2	0.2
C15	Oesophagus	0.0	0.0	0.0	0.0	0.2	0.5	0.0	2.4	4.1	7.4	9.1	21.3	24.2	38.8	51.0	30.2	3.5	6.0	10.1
C16	Stomach	0.0	0.0	0.0	0.0	0.0	0.4	0.2	1.7	1.7	3.7	5.4	7.8	7.5	12.5	14.3	17.8	1.5	2.4	4.2
C17	Small intestine	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.3	0.8	0.0	0.0	0.0	1.4	2.0	1.8	0.1	0.2	0.2
C18	Colon	0.0	0.0	0.0	0.2	0.0	0.5	0.4	0.7	2.7	2.9	7.0	8.5	8.4	12.5	18.4	28.4	1.7	2.8	4.5
C19-21	Rectum	0.0	0.0	0.0	0.4	0.5	0.4	0.4	2.0	2.7	3.7	5.4	5.0	10.0	25.0	22.4	17.8	1.9	3.1	4.4
C22	Liver	0.2	0.0	0.3	0.0	0.2	0.5	0.0	0.5	1.4	3.7	3.2	5.0	5.0	13.9	30.6	30.2	1.5	2.6	2.9
C23-24	Gall bladder, bile	0.0	0.0	0.0	0.0	0.2	0.0	0.7	0.7	1.0	5.8	3.8	5.0	13.4	15.2	16.3	10.7	1.5	2.4	4.4
C25	Pancreas	0.0	0.0	0.0	0.2	0.3	0.0	0.2	0.7	1.4	1.2	2.7	5.0	8.4	12.5	28.6	19.5	1.3	2.3	2.8
C26	Other digestive org	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.8	0.0	2.0	3.6	0.1	0.2	0.2
C30-31	Nose, Sinus	0.0	0.0	0.0	0.0	0.3	0.0	0.2	0.5	0.0	0.8	2.1	1.4	5.0	4.2	10.2	1.8	0.5	0.8	1.4
C32	Larynx	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.7	2.1	3.2	5.0	0.8	1.4	4.1	5.3	0.5	0.8	1.8
C33-34	Lung	0.0	0.0	0.0	0.0	0.0	0.2	1.1	2.0	1.0	3.3	4.8	17.8	13.4	25.0	30.6	21.3	2.2	3.7	6.0
C37-38	Mediastinum, plura	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.4	1.1	0.7	3.3	4.2	2.0	3.6	0.3	0.5	0.8
C40-41	Bone	0.0	0.2	0.9	0.2	0.5	0.9	0.7	0.7	0.0	0.4	0.5	2.1	2.5	0.0	2.0	3.6	0.6	0.7	0.9
C43	Skin melanoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.4	0.0	1.4	0.0	1.8	0.1	0.2	0.3
C44	Skin other	0.0	0.0	0.0	0.0	0.2	0.2	0.2	0.0	0.7	0.8	3.2	0.7	1.7	8.3	10.2	12.4	0.6	1.1	1.1
C45	Mesothelioma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
C46	Kaposi sarcoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C47	Nervous system	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C48	Retropertonium	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.3	0.4	0.5	0.7	1.7	1.4	0.0	0.0	0.1	0.2	0.5
C49	Con. and soft tissue	0.4	0.2	0.3	0.8	0.9	0.2	0.4	0.0	1.4	0.4	2.1	2.1	5.0	5.5	6.1	5.3	0.8	1.2	1.6
C50	Breast	0.0	0.0	0.0	0.2	1.2	3.9	11.8	22.2	53.8	75.0	93.8	101.0	97.0	160.8	134.6	136.7	22.5	33.1	69.9
C51-52	Oth female genital	0.0	0.0	0.0	0.4	0.2	0.2	0.4	0.5	1.7	2.1	3.8	3.6	10.0	9.7	16.3	14.2	1.2	2.0	3.2
C53	Cervix uteri	0.0	0.0	0.0	0.0	0.2	0.7	4.9	15.4	29.3	40.8	47.2	48.4	61.0	77.6	81.6	51.5	11.7	17.2	38.3
C54	Corpus uteri	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	2.0	6.6	11.8	10.7	18.4	33.3	10.2	12.4	2.2	3.7	7.4
C55	Uterus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.0	1.6	1.6	3.6	5.0	8.3	10.2	3.6	0.7	1.2	2.0
C56	Ovary	0.4	0.3	0.5	1.8	2.4	3.2	3.8	5.6	9.2	19.4	24.1	26.3	34.3	49.9	36.7	35.5	6.7	9.6	18.3
C64-65	Kidney	0.6	0.2	0.2	0.0	0.0	0.2	0.4	1.2	1.0	1.6	3.2	2.1	4.2	13.9	4.1	0.0	0.9	1.3	2.1
C66-68	Urinary bladder	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.4	1.6	1.4	7.5	8.3	8.2	10.7	0.7	1.2	1.7
C69	Eye	0.6	0.2	0.0	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.1	0.2	0.0
C70-72	Brain	0.9	0.8	1.0	1.2	1.7	1.1	1.1	1.5	2.4	4.5	4.8	10.7	4.2	16.6	18.4	5.3	2.2	3.0	4.3
C73	Thyroid gland	0.0	0.2	0.2	0.6	0.7	1.4	1.6	2.7	1.7	2.1	5.9	1.4	5.0	6.9	0.0	8.9	1.4	1.7	3.0
C74-75	Oth. endocrine glands	0.9	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.2	0.2	0.2
C76	Oth. ill defined sites	0.2	0.0	0.0	0.0	0.0	0.4	0.0	0.2	0.3	0.4	0.0	1.4	1.7	0.0	4.1	5.3	0.3	0.4	0.6
C77	Lymph nodes	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.7	1.2	2.7	2.8	4.2	6.9	0.0	7.1	0.6	0.9	1.7
C78	Sec. respir & digest	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	1.0	1.2	1.1	4.3	6.7	9.7	14.3	8.9	0.8	1.4	2.1
C79	Sec. other	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.8	2.1	1.4	0.0	5.5	2.0	5.3	0.3	0.5	0.7
C80	Unknown primary	0.0	0.0	0.0	0.2	0.0	0.0	0.4	0.0	0.7	1.6	0.5	2.8	2.5	2.8	4.1	10.7	0.5	0.8	1.2
C81	Hodgkin Lymphoma	0.0	0.7	0.7	0.2	0.0	0.4	0.2	0.0	0.3	0.8	1.1	0.7	1.7	4.2	6.1	1.8	0.5	0.7	0.7
C82-85	Non hodgkin lymphoma	0.4	0.7	0.5	0.2	0.5	0.2	0.7	1.0	1.7	4.5	4.8	6.4	12.5	19.4	18.4	23.1	2.0	3.1	4.6
C90	Multiple myeloma	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	1.0	1.6	3.8	3.6	7.5	5.5	4.1	8.9	0.8	1.2	2.6
C91	Lymphoid leukemia	2.2	1.2	1.0	0.8	0.3	0.2	0.9	1.0	0.3	0.4	0.0	1.4	1.7	6.9	0.0	7.1	1.0	1.2	0.7
C92	Myeloid leukemia	0.9	0.8	0.2	1.0	0.9	1.1	1.6	2.7	2.0	0.4	2.1	1.4	3.3	4.2	4.1	8.9	1.3	1.5	2.0
C93-95	Other Leukemia	0.0	0.5	0.2	0.2	0.0	0.2	0.4	0.2	1.4	0.4	0.5	2.8	0.8	2.8	2.0	5.3	0.5	0.6	1.0
Total	All sites	8.4	6.0	6.8	9.0	12.0	17.9	36.8	72.2	136.9	220.4	292.2	361.4	433.8	676.5	695.5	660.6	84.0	127.2	232.9



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table B3 : Average Annual Age-Specific, World Age Adjusted, Truncated (35-64) Incidence Rates of Cancer Cases Per 100,000 Persons, Poona, 2001, Males**

ICD10	Site	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	CR	AAR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.4	1.9	0.0	3.1	0.0	4.3	0.3	0.4	0.8
C01_02	Tongue	0.0	0.0	0.0	0.0	0.4	1.0	0.6	0.0	3.9	4.0	3.7	11.2	18.1	18.9	31.0	4.3	2.4	3.3	5.9
C03	Gum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	1.6	6.0	3.7	11.2	20.4	6.3	13.3	12.9	2.0	2.7	6.5
C04_06	Oth.Mth.	0.0	0.0	0.0	0.0	0.0	1.0	0.0	3.4	4.7	12.0	11.0	9.4	22.7	28.3	0.0	8.6	3.4	4.1	9.8
C07_08	Sal.Glands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.0	1.2	3.7	2.3	0.0	0.0	0.0	0.4	0.4	1.3
C09_10	Oropharynx	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.7	0.0	1.0	7.3	1.9	9.1	6.3	13.3	8.6	1.2	1.6	2.9
C11	Nasopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.2	1.9	2.3	0.0	0.0	4.3	0.3	0.4	0.9
C12-13	Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	3.0	8.5	9.4	6.8	12.6	22.1	12.9	1.8	2.4	4.2
C14	Oth.Oral	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.9	2.3	0.0	0.0	4.3	0.2	0.3	0.7
C15	Oesophagus	0.0	0.0	0.0	0.0	0.4	0.0	0.0	2.0	3.2	5.0	7.3	16.9	22.7	31.4	48.7	30.0	3.7	5.1	8.3
C16	Stomach	0.0	0.0	0.0	0.0	0.9	1.0	1.1	0.7	3.2	3.0	9.8	13.1	15.9	31.4	13.3	4.3	2.8	3.6	6.6
C17	Small Intestine	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.1	0.1	0.2
C18	Colon	0.0	0.0	0.0	0.0	0.0	1.0	1.1	0.7	0.8	0.0	8.5	5.6	18.1	6.3	8.9	17.1	1.8	2.3	4.7
C19-21	Rectum	0.0	0.0	0.0	0.0	0.0	1.0	0.6	2.7	1.6	3.0	1.2	11.2	9.1	15.7	17.7	34.3	2.2	2.9	4.2
C22	Liver	0.6	0.0	0.5	0.5	0.4	0.5	1.1	4.0	3.2	6.0	6.1	3.7	15.9	15.7	4.4	51.4	3.0	3.8	6.1
C23-24	GallBladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	2.4	1.9	2.3	9.4	4.4	8.6	0.7	0.9	1.2
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.7	0.0	1.0	7.3	5.6	13.6	15.7	8.9	4.3	1.5	2.0	4.0
C26	Oth.Dig	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	4.4	4.3	0.2	0.3	0.3
C30_31	Nose, Sinus	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	1.0	2.4	3.7	0.0	12.6	4.4	8.6	0.8	1.1	1.4
C32	Larynx	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.8	4.0	13.4	15.0	54.4	81.7	31.0	34.3	5.0	7.5	12.0
C33_34	Lung	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.0	0.8	3.0	4.9	18.7	27.2	47.1	57.5	38.6	3.9	5.8	7.8
C38	Med.Plura	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	8.9	0.0	0.2	0.3	0.3
C40_41	Bone	0.0	0.6	1.0	1.0	0.4	0.5	0.6	1.3	0.0	1.0	1.2	1.9	0.0	3.1	4.4	0.0	0.8	0.8	0.9
C43	SkinMelanoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	3.1	4.4	4.3	0.3	0.4	0.5
C44	SkinOth.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.2	3.7	0.0	3.1	8.9	38.6	1.0	1.3	0.8
C45	Mesothelioma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C46	Kaposi Sarcoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C47	Ner.System	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.3	0.3	0.3
C48	Retroperitoneum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.2	0.2	0.7
C49	Con&Soft tissue	0.6	0.6	1.0	1.0	0.9	0.5	1.7	1.3	2.4	1.0	0.0	5.6	2.3	15.7	4.4	8.6	1.7	1.8	1.9
C50	Breast	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	1.2	3.7	2.3	0.0	4.4	4.3	0.4	0.6	1.3
C60	Penis	0.0	0.0	0.0	0.0	0.4	0.0	0.0	1.3	2.4	1.0	4.9	0.0	0.0	9.4	8.9	12.9	1.1	1.3	1.7
C61	Prostate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.0	1.2	5.6	11.3	28.3	75.3	141.5	3.9	6.0	2.7
C62	Testis	0.0	0.0	0.0	0.0	0.9	1.0	1.1	1.3	0.0	0.0	2.4	0.0	0.0	3.1	0.0	0.0	0.7	0.5	0.7
C64_65	Kidney	0.6	0.0	0.5	0.5	0.0	0.5	0.0	1.3	0.8	2.0	6.1	1.9	2.3	12.6	8.9	17.1	1.4	1.8	2.3
C66_68	Uri.Bladder	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.7	1.6	1.0	4.9	9.4	6.8	18.9	35.4	21.4	2.1	2.9	3.5
C69	Eye	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.3	0.4	0.3
C70_72	Brain	1.7	2.2	0.0	0.0	2.2	3.4	1.7	0.7	2.4	5.0	2.4	5.6	9.1	9.4	17.7	12.9	3.0	3.1	3.8
C73	Thyroid	0.0	0.0	0.0	0.0	0.9	0.0	0.6	1.3	1.6	1.0	1.2	5.6	0.0	0.0	0.0	4.3	0.7	0.7	1.7
C74_75	Oth.Endo	0.6	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	4.3	0.2	0.3	0.3
C76	OthIIIDef	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	3.1	0.0	0.0	0.1	0.2	0.2
C77	Lym.Nodes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.7	0.0	2.3	6.3	8.9	17.1	0.8	1.1	1.3
C78	Sec Resp	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.7	0.8	2.0	2.4	1.9	4.5	0.0	8.9	4.3	0.8	0.9	1.9
C79	Sec Oth.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.2	0.0	4.5	3.1	4.4	0.0	0.3	0.5	0.9
C80	Unk.Prim	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.3	0.8	1.0	1.2	3.7	4.5	18.9	13.3	42.9	1.7	2.3	1.9
C81	Hodgkin	0.0	0.0	1.0	1.0	1.3	0.0	0.6	1.3	1.6	1.0	0.0	0.0	2.3	3.1	0.0	0.0	0.8	0.7	1.1
C82_85	N.Hodgkin	0.0	1.7	1.0	1.0	0.0	2.9	1.1	2.0	1.6	4.0	9.8	0.0	13.6	25.1	13.3	34.3	3.2	3.8	4.8
C90	MulMyeloma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.0	2.4	1.9	4.5	0.0	13.3	8.6	0.7	0.9	1.6
C91	Lymp.Leuk	1.1	1.7	2.9	2.9	0.9	0.0	0.6	1.3	0.0	1.0	1.2	0.0	4.5	0.0	4.4	0.0	1.3	1.4	1.2
C92	Mye.Leuk	0.0	0.0	1.5	1.5	0.4	1.9	0.0	0.0	0.8	3.0	1.2	5.6	2.3	3.1	4.4	8.6	1.3	1.4	1.9
C93_95	Oth.Leuk	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2
Total	All Sites	8.4	7.2	9.3	9.3	12.3	17.5	18.3	38.5	49.7	83.1	153.6	209.9	353.4	512.1	535.6	685.9	67.0	87.2	130.6



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table B4 : Average Annual Age-Specific, World Age Adjusted, Truncated (35-64) Incidence Rates of Cancer Cases Per 100,000 Persons, Poona, 2001, Females**

ICD10	Site	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75+	CR	ASR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	1.1	0.0	0.0	2.2	0.0	4.1	4.0	0.3	0.4	0.6
C01_02	Tongue	0.0	0.0	0.0	0.0	0.0	1.1	0.7	0.0	1.0	2.2	11.9	4.1	11.1	8.2	8.3	8.0	1.6	2.2	4.5
C03	Gum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	2.2	8.9	14.4	4.4	5.5	8.3	8.0	1.4	1.9	4.4
C04_06	Oth.Mouth	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.4	1.9	6.6	6.0	6.2	22.2	8.2	33.2	4.0	2.3	3.1	6.5
C07_08	Sal.glands	0.0	0.6	0.0	0.0	0.5	0.5	0.0	0.0	0.0	1.1	0.0	0.0	0.0	2.7	8.3	0.0	0.4	0.5	0.2
C09_10	Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.0	3.0	2.1	0.0	2.7	4.1	0.0	0.4	0.5	0.9
C11	Nasopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.5	0.0	2.2	0.0	0.0	0.0	0.2	0.2	0.7
C12-13	Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	2.9	2.2	3.0	2.1	6.7	8.2	16.6	4.0	1.2	1.5	2.7
C14	Oth.Oral	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.0	1.1	0.0	0.0	2.2	5.5	0.0	0.0	0.3	0.4	0.8
C15	Oesophagus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.1	7.4	8.2	8.9	30.1	41.5	36.0	2.5	3.7	3.9
C16	Stomach	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.9	3.3	7.4	2.1	11.1	10.9	24.9	24.0	1.8	2.6	4.0
C17	Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	4.1	2.2	0.0	0.0	0.0	0.2	0.3	1.1
C18	Colon	0.0	0.0	0.0	0.0	0.5	1.1	0.7	0.7	0.0	4.4	8.9	6.2	15.6	5.5	24.9	8.0	1.9	2.7	5.2
C19-21	Rectum	0.0	0.0	0.0	0.0	0.5	0.0	0.7	0.7	1.0	2.2	6.0	10.3	17.8	10.9	0.0	4.0	1.6	2.1	5.3
C22	Liver	0.6	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	6.0	2.1	6.7	8.2	12.4	24.0	1.2	1.7	2.1
C23-24	GallBladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.9	1.1	1.5	0.0	6.7	5.5	4.1	20.0	0.9	1.2	1.8
C25	Pancreas	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.7	16.6	16.0	0.7	0.9	0.3
C26	Oth.Dig.org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.3	0.0	0.1	0.2	0.0
C30_31	Nose,Sinus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.0	1.1	1.5	4.1	2.2	5.5	4.1	8.0	0.7	0.9	1.6
C32	Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.5	2.1	6.7	2.7	4.1	12.0	0.7	0.9	1.6
C33_34	Lung	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.9	7.7	7.4	8.2	11.1	21.9	12.4	20.0	2.3	3.1	5.7
C37-38	Medias.,plura	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.1	0.1	0.0
C40_41	Bone	0.0	0.0	0.0	0.6	0.0	0.5	1.3	0.7	1.0	0.0	3.0	2.1	0.0	2.7	0.0	8.0	0.7	0.8	1.1
C43	SkinMelanoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.1	0.0	0.0	4.4	2.7	0.0	4.0	0.3	0.4	0.9
C44	SkinOther	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.9	2.2	1.5	0.0	4.4	8.2	8.3	4.0	0.8	1.0	1.6
C45	Mesothelioma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C46	Kaposi sarcoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C47	Nervous system	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C48	Retroperonium	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.1	0.0	2.1	0.0	0.0	8.3	4.0	0.3	0.4	0.6
C49	Con.&Soft Tissue	0.6	0.0	0.0	1.2	0.0	0.5	0.7	0.7	2.9	2.2	8.9	4.1	6.7	0.0	0.0	0.0	1.2	1.5	4.0
C50	Breast	0.0	0.0	0.0	0.6	1.5	2.6	9.8	15.6	40.2	63.9	68.5	90.3	86.7	93.0	87.1	84.0	19.5	25.0	57.1
C51_52	Vulva	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.9	0.0	1.5	0.0	6.7	5.5	0.0	0.0	0.5	0.7	1.6
C53	Cervix	0.0	0.0	0.0	0.0	0.0	6.3	8.5	12.8	22.0	50.7	58.1	47.2	77.8	79.3	70.5	52.0	14.8	19.4	42.0
C54	CorpusUteri	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
C55	Uterus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.9	5.5	7.4	12.3	8.9	8.2	4.1	12.0	1.7	2.3	5.5
C56	Ovary	0.0	0.0	0.0	0.6	1.0	0.5	3.3	4.3	9.6	14.3	28.3	26.7	20.0	38.3	66.4	32.0	6.5	8.4	16.0
C64_65	Kidney	0.0	0.0	0.0	0.6	0.0	0.0	0.7	0.7	0.0	1.1	3.0	2.1	2.2	2.7	0.0	8.0	0.6	0.8	1.4
C66_68	Uri.Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	8.3	4.0	0.3	0.4	0.0
C69	Eye	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C70_72	Brain	0.0	0.0	0.0	1.8	0.5	0.5	1.3	1.4	1.9	2.2	1.5	6.2	2.2	5.5	4.1	8.0	1.3	1.5	2.4
C73	Thyroid	0.0	0.0	0.0	0.0	0.0	0.5	2.0	0.7	1.0	1.1	4.5	4.1	0.0	2.7	4.1	8.0	0.9	1.1	1.8
C74_75	Oth.Endo	1.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.2	0.3	0.0
C76	Oth.Ill.Def.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
C77	Lymphnodes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	2.2	5.5	0.0	0.0	0.3	0.4	0.8
C78	Sec.respir.	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.7	0.0	0.0	3.0	4.1	0.0	2.7	8.3	8.0	0.6	0.8	1.1
C79	Sec.Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	2.1	8.9	2.7	0.0	0.0	0.4	0.7	1.8
C80	Unk.Prim.	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	1.0	2.2	1.5	4.1	8.9	5.5	12.4	16.0	1.2	1.7	2.5
C81	Hodgkin	0.0	0.0	0.5	1.8	0.5	1.1	0.7	0.0	1.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.6	0.6	0.5
C82_85	NonHodgkin	0.0	0.6	0.5	0.0	0.5	0.0	1.3	1.4	1.0	5.5	11.9	10.3	11.1	21.9	24.9	28.0	2.9	3.8	6.2
C90	Mul.Myeloma	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	4.5	0.0	4.4	8.2	4.1	8.0	0.7	1.0	1.5
C91	Lym.Leuk.	3.1	1.8	1.1	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.7	0.0	0.0	0.7	0.9	0.3
C92	Mye.Leuk.	0.0	0.6	2.1	1.2	0.5	0.0	0.7	0.0	1.0	0.0	0.0	2.1	2.2	5.5	4.1	4.0	0.9	1.0	0.7
C93_95	Oth.Leuk.	0.6	1.2	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	1.5	2.1	0.0	0.0	0.0	0.0	0.3	0.4	0.5
Total	All Sites	6.8	5.4	4.3	8.2	7.1	18.0	37.2	52.6	103.3	195.1	296.3	299.7	402.3	456.8	555.9	491.8	81.1	106.2	206.3



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table B5 : Average Annual Age-Specific, World Age Adjusted, Truncated (35-64) Incidence Rates of Cancer Cases Per 100,000 Persons, Nagpur, 2001, Males**

ICD10	Site	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	CR	AAR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	0.0	7.5	9.6	0.0	0.0	0.6	0.9	2.0
C01-02	Tongue	0.0	0.0	0.0	0.9	0.9	0.0	2.1	4.8	5.7	10.8	15.2	32.4	22.6	48.0	19.0	13.5	5.1	6.6	13.7
C03	Gum	0.0	0.0	0.0	0.0	0.9	0.0	2.1	1.2	2.8	3.6	4.3	3.2	26.4	4.8	0.0	0.0	1.7	2.2	6.0
C04-06	Oth.Mth.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	5.7	1.8	4.3	13.0	22.6	24.0	0.0	27.0	2.8	3.7	7.9
C07-08	Sal.Glands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	3.8	0.0	0.0	0.0	0.3	0.4	1.2
C09-10	Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	5.4	6.5	16.2	15.1	14.4	19.0	13.5	2.4	3.2	7.0
C11	Nasopharynx	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.2	0.2	0.0
C12-13	Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.4	1.4	3.6	6.5	3.2	11.3	14.4	12.7	6.8	1.7	2.2	4.4
C14	Oth.Oral	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	2.2	0.0	3.8	4.8	6.3	6.8	0.5	0.7	1.1
C15	Oesoph.	0.0	0.0	0.0	0.0	0.0	1.0	1.1	1.2	7.1	10.8	21.7	16.2	15.1	52.8	31.7	47.3	5.2	6.8	11.2
C16	Stomach	0.0	0.0	0.0	0.0	0.9	0.0	1.1	2.4	7.1	3.6	2.2	9.7	18.8	24.0	31.7	13.5	2.9	3.8	6.6
C17	Small Intestine	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C18	Colon	0.0	0.0	0.0	0.0	0.0	1.0	0.0	2.4	5.7	3.6	6.5	9.7	3.8	14.4	6.3	0.0	1.9	2.2	5.1
C19-21	Rectum	0.0	0.0	0.0	0.0	0.0	3.9	1.1	2.4	2.8	5.4	6.5	9.7	11.3	19.2	6.3	13.5	2.5	3.2	5.8
C22	Liver	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	5.4	2.2	0.0	0.0	14.4	12.7	0.0	0.9	1.2	1.4
C23-24	GallBladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.8	2.2	9.7	0.0	0.0	12.7	6.8	0.8	1.1	2.2
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	8.7	9.7	3.8	9.6	0.0	0.0	1.2	1.5	3.8
C30-31	Nose, Sinuses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	1.8	6.5	0.0	7.5	14.4	0.0	6.8	1.3	1.6	3.2
C32	Larynx	0.0	0.0	0.0	0.9	0.0	0.0	0.0	1.2	2.8	16.3	15.2	29.2	67.8	48.0	63.5	20.3	6.4	9.1	18.9
C33-34	Lung	0.0	0.0	0.0	0.9	0.0	1.0	2.1	0.0	2.8	1.8	15.2	19.4	45.2	62.4	25.4	27.0	5.0	6.8	11.7
C38	Med.Plura	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.1	0.1	0.4
C40-41	Bone	0.0	2.0	0.0	1.8	2.6	1.9	1.1	0.0	1.4	0.0	0.0	3.2	0.0	0.0	0.0	6.8	1.2	1.1	0.7
C43	SkinMelanoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.0	0.0	0.0	0.5	0.7	0.0
C44	SkinOth.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.4	1.8	8.7	6.5	3.8	4.8	19.0	20.3	1.5	2.0	3.6
C45	Mesothelioma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C46	Kaposi sarcoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C47	Ner.System	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3
C48	Retroperitoneum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C49	Con&Soft Tissue	0.0	0.0	0.0	0.9	0.9	1.9	1.1	0.0	1.4	0.0	6.5	3.2	7.5	9.6	0.0	0.0	1.4	1.5	2.7
C50	Breast	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.4	5.4	2.2	0.0	3.8	4.8	0.0	0.0	0.7	0.9	2.2
C60	Penis	0.0	0.0	0.0	0.0	0.0	1.0	1.1	0.0	0.0	1.8	2.2	6.5	0.0	4.8	0.0	6.8	0.7	0.9	1.5
C61	Prostate	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.2	2.8	0.0	0.0	3.2	18.8	9.6	31.7	20.3	1.8	2.5	3.6
C62	Testis	0.0	0.0	0.0	0.0	1.8	1.0	2.1	3.6	1.4	1.8	2.2	0.0	0.0	0.0	0.0	0.0	1.0	0.9	1.7
C64-65	Kidney	1.1	1.0	0.0	0.0	0.0	0.0	1.1	1.2	2.8	3.6	0.0	3.2	3.8	9.6	6.3	0.0	1.2	1.4	2.4
C66-68	Uri.Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	11.3	19.2	25.4	27.0	1.6	2.2	2.0
C69	Eye	1.1	1.0	0.0	0.0	0.0	1.0	1.1	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.5	0.5	0.5
C70-72	Brain	2.1	1.0	1.7	0.0	2.6	1.9	2.1	1.2	1.4	3.6	13.0	13.0	7.5	0.0	6.3	13.5	2.8	3.2	5.9
C73	Thyroid	0.0	0.0	0.0	0.9	0.9	1.0	0.0	0.0	0.0	0.0	0.0	3.2	7.5	0.0	0.0	0.0	0.5	0.7	1.4
C74-75	Oth.Endo	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
C76	Oth.IIIDef	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
C77	Lym.Nodes	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.2	0.0	1.8	2.2	9.7	11.3	4.8	6.3	6.8	1.3	1.6	3.6
C78	Sec Respir.	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	1.4	1.8	4.3	6.5	7.5	14.4	0.0	27.0	1.5	2.0	3.1
C79	Sec Oth.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	7.5	0.0	0.0	0.0	0.3	0.4	1.2
C80	Unk.Prim	1.1	0.0	0.0	0.0	0.9	1.9	3.2	2.4	11.3	9.0	13.0	29.2	33.9	48.0	6.3	60.8	6.3	7.9	14.6
C81	Hodgkin	1.1	0.0	0.8	0.0	0.9	1.0	0.0	1.2	0.0	1.8	2.2	0.0	11.3	0.0	6.3	6.8	1.1	1.4	2.4
C82-85	N.Hodgkin	3.2	4.0	0.0	1.8	1.8	1.9	2.1	4.8	4.2	10.8	0.0	3.2	30.1	14.4	6.3	6.8	3.8	4.6	8.2
C90	MulMyeloma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	6.5	6.5	3.8	14.4	12.7	0.0	1.1	1.5	2.7
C91	Lymp.Leuk	2.1	3.0	2.5	5.3	0.0	1.9	1.1	0.0	5.7	0.0	6.5	0.0	0.0	0.0	0.0	0.0	2.2	2.1	2.1
C92	Mye.Leuk	0.0	3.0	2.5	1.8	3.5	3.9	2.1	3.6	5.7	1.8	4.3	9.7	3.8	9.6	6.3	0.0	3.2	3.2	4.6
C93-95	Oth.Leuk	0.0	2.0	0.8	0.0	0.0	0.0	0.0	1.2	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.5
Total	All Site	11.6	17.9	8.3	16.0	20.3	28.3	31.9	47.3	103.2	128.4	210.2	291.7	463.0	576.5	380.9	405.0	80.2	101.6	185.3





# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

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**Table B6 : Average Annual Age-Specific, World Age Adjusted, Truncated (35-64) Incidence Rates of Cancer Cases Per 100,000 Persons, Nagpur, 2001, Females**

ICD10	Site	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	CR	AAR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.1	0.1	0.4
C01-02	Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	8.0	0.0	0.0	4.1	0.0	6.4	0.7	0.8	1.8
C03	Gum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	2.0	2.7	0.0	13.6	4.1	12.2	0.0	1.0	1.3	2.9
C04-06	Oth.Mouth	0.0	0.0	0.0	0.0	0.0	0.0	1.2	5.1	0.0	2.0	10.7	0.0	6.8	8.2	12.2	6.4	1.7	1.9	4.0
C07-08	Sal.glands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.1	0.1	0.4
C09-10	Oropharynx	0.0	0.0	0.0	1.0	0.0	0.0	1.2	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.4
C11	Nasopharynx	0.0	0.0	0.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.4
C12-13	Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.7	2.0	2.7	3.5	6.8	4.1	0.0	6.4	0.9	1.1	2.7
C14	Oth.Oral	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4
C15	Oesophagus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	1.7	2.0	10.7	10.6	37.5	24.5	24.5	19.3	3.6	4.4	9.1
C16	Stomach	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.7	4.1	2.7	3.5	6.8	20.4	0.0	6.4	1.4	1.7	3.1
C17	Small Int.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0	0.1	0.1	0.0
C18	Colon	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	1.7	6.1	5.3	14.2	13.6	0.0	0.0	19.3	1.9	2.4	6.0
C19-21	Rectum	0.0	0.0	0.0	0.0	0.9	0.0	3.5	2.6	0.0	2.0	5.3	14.2	3.4	4.1	6.1	0.0	1.7	1.8	4.0
C22	Liver	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.3	0.0	2.0	0.0	3.5	0.0	4.1	12.2	6.4	0.8	0.9	1.1
C23-24	GallBladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	5.3	3.5	6.8	8.2	0.0	0.0	0.9	1.2	3.0
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	2.0	0.0	3.5	0.0	8.2	0.0	0.0	0.5	0.6	1.1
C26	Oth.Dig.org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C30-31	Nose,Sinus	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.3	1.7	0.0	0.0	3.5	3.4	0.0	0.0	0.0	0.5	0.5	1.5
C32	Larynx	0.0	0.0	0.0	0.0	0.9	0.0	1.2	1.3	3.4	0.0	0.0	14.2	6.8	4.1	12.2	0.0	1.4	1.6	3.6
C33-34	Lung	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.6	0.0	0.0	10.7	7.1	23.9	4.1	0.0	6.4	1.9	2.2	6.2
C37-38	Medias.,plura	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C40-41	Bone	0.0	1.1	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	3.4	4.1	0.0	0.0	0.5	0.5	0.9
C43	SkinMelanoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	6.4	0.2	0.3	0.4
C44	SkinOther	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	10.2	4.1	0.0	6.4	0.6	0.8	1.7
C45	Mesothelioma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C46	Kaposisarcoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C47	Nervous syst	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4
C48	Retropertoneum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C49	Con.&Soft Tissue	0.0	0.0	1.8	1.0	0.9	1.0	2.3	0.0	0.0	0.0	5.3	3.5	0.0	0.0	0.0	0.0	1.0	1.0	1.3
C50	Breast	0.0	0.0	0.0	0.0	4.7	12.8	19.7	39.8	50.7	50.9	64.0	134.6	119.3	106.0	49.0	19.3	25.3	29.0	70.4
C51-52	Vulva	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.3	0.0	0.0	0.0	7.1	3.4	8.2	6.1	0.0	0.8	0.9	1.6
C53	Cervix	0.0	0.0	0.0	1.0	0.0	3.0	10.4	15.4	37.2	42.7	56.0	56.7	92.0	73.4	42.8	32.2	15.9	19.1	46.7
C54	CorpusUteri	0.0	0.0	0.0	0.0	0.9	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0	0.3	0.3	0.0
C55	Uterus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	5.1	2.0	8.0	3.5	13.6	4.1	18.4	0.0	1.8	2.2	5.4
C56	Ovary	0.0	1.1	0.0	1.0	0.9	3.9	5.8	6.4	22.0	14.2	21.3	10.6	27.3	12.2	12.2	0.0	5.9	6.7	16.6
C64-65	Kidney	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.7	0.0	3.4	4.1	0.0	0.0	0.7	0.9	1.3
C66-68	Uri.Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	3.5	6.8	16.3	6.1	0.0	0.9	1.1	1.6
C69	Eye	1.1	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
C70-72	Brain	0.0	0.0	1.8	2.9	0.9	1.0	2.3	5.1	0.0	2.0	16.0	7.1	0.0	4.1	0.0	0.0	2.3	2.4	4.9
C73	Thyroid	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.3	0.0	0.0	2.7	3.5	0.0	0.0	0.0	0.0	0.4	0.4	1.1
C74-75	Oth.Endo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C76	Oth.Ill.Def.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C77	Lymphnodes	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	2.7	0.0	3.4	0.0	0.0	0.0	0.3	0.3	0.9
C78	Sec.respir.	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	6.1	2.7	7.1	0.0	4.1	6.1	12.9	1.1	1.4	2.5
C79	Sec.Other	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	4.1	0.0	0.0	0.4	0.4	0.4
C80	Unk.Prim.	0.0	1.1	0.9	0.0	0.9	0.0	2.3	2.6	6.8	24.4	10.7	10.6	23.9	20.4	18.4	19.3	4.9	5.7	12.7
C81	Hodgkin	0.0	0.0	0.9	1.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.5	0.5	1.0
C82-85	NonHodgkin	0.0	0.0	2.7	2.9	2.8	2.0	0.0	0.0	0.0	4.1	10.7	0.0	0.0	4.1	6.1	0.0	1.8	1.9	2.5
C90	Mul.Myeloma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.4	0.1	0.1	0.0
C91	Lym.Leuk.	2.3	1.1	0.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	6.1	6.4	0.8	0.9	0.4
C92	Mye.Leuk.	0.0	0.0	1.8	0.0	1.9	1.0	1.2	2.6	5.1	4.1	0.0	3.5	0.0	0.0	12.2	6.4	1.7	1.7	2.7
C93-95	Oth.Leuk.	1.1	2.1	1.8	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.7	0.7	0.4
Total	All Sites	7.9	6.4	12.6	13.7	21.6	25.7	59.2	106.6	140.2	185.2	282.5	336.6	446.5	366.9	275.4	193.4	88.6	103.0	230.2



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table B7: Average Annual Age-Specific, World Age Adjusted, Truncated (35-64) Incidence Rates of Cancer Cases Per 100,000 Persons , Aurangabad, 2001, Males**

ICD10	Site	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	CR	AAR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C01-02	Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	5.0	13.9	0.0	0.0	43.1	0.0	47.5	2.1	3.5	3.9
C03	Gum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	5.0	0.0	0.0	0.0	14.4	20.9	23.8	0.9	1.8	1.7
C04-06	Oth.Mth	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.7	5.0	7.0	10.9	12.6	28.7	41.8	23.8	2.6	4.2	6.4
C07-08	Sal.glands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.9	0.0	0.2	0.4	0.0
C09-10	Oropharynx	0.0	0.0	0.0	0.0	2.1	0.0	2.7	0.0	0.0	0.0	7.0	0.0	12.6	57.4	0.0	0.0	1.7	2.9	2.8
C11	Nasopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C12-13	Hypopharynx	0.0	0.0	0.0	0.0	2.1	0.0	2.7	0.0	3.7	5.0	20.9	10.9	37.9	43.1	62.7	47.5	3.8	7.3	11.3
C14	Oth.Oral	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0
C15	Oesophagus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	9.9	7.0	43.6	12.6	100.5	20.9	95.1	4.5	9.0	11.8
C16	Stomach	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	5.0	0.0	10.9	0.0	0.0	0.0	0.0	1.1	1.0	3.1
C17	Small Int.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C18	Colon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	1.7
C19-21	Rectum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	10.9	12.6	14.4	0.0	0.0	0.9	1.7	4.2
C22	Liver	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	11.2	14.9	7.0	0.0	0.0	14.4	41.8	23.8	1.9	3.9	6.2
C23	Gallbladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C24	Bileduct	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	1.7
C26	Oth.Dig.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C30-31	Nose, Sinus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C32	Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	10.9	12.6	43.1	20.9	0.0	1.5	3.0	4.2
C33-34	Lung	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.9	21.8	37.9	28.7	41.8	47.5	3.2	5.7	9.9
C37-38	Med.Pleura	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	9.9	7.0	0.0	12.6	0.0	0.0	0.0	0.9	1.9	6.1
C40-41	Bone	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	3.7	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.7
C43	SkinMela.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C44	SkinOther	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C45	Mesothelima	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C46	Kaposi sarcoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C47	Nerv.system	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C48	Retropertionum.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C49	Con.&Soft Tissue	0.0	0.0	0.0	0.0	0.0	2.4	0.0	3.0	0.0	0.0	0.0	0.0	0.0	25.2	0.0	0.0	1.1	1.4	3.8
C50	Breast	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4	20.9	23.8	0.6	1.3	0.0
C60	Penis	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	0.0	0.0	0.0	0.2	0.5	1.6
C61	Prostate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	10.9	12.6	0.0	41.8	23.8	1.3	2.4	3.6
C62	Testis	0.0	0.0	0.0	1.9	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	14.4	0.0	0.0	0.6	0.8	0.6
C64-65	Kidney	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	5.0	0.0	10.9	0.0	0.0	20.9	0.0	0.9	1.6	3.1
C67-68	Urin.Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C69	Eye	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
C70-72	Brain	1.9	0.0	0.0	1.9	0.0	0.0	0.0	3.0	3.7	5.0	7.0	0.0	0.0	0.0	0.0	0.0	1.1	1.5	3.4
C73	Thyroid	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	10.9	0.0	0.0	0.0	0.0	0.4	0.6	1.4
C74-75	Oth.Endocrine.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C76	Oth.III.Def.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C77	Lymphnodes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	1.1
C78	Sec.Resp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C79	Sec.Oth.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C80	Unk.Prim.	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	13.9	0.0	25.2	14.4	20.9	0.0	1.9	2.7	5.5
C81	Hodgkin	0.0	0.0	3.4	1.9	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	12.6	0.0	0.0	0.0	1.1	1.3	2.8
C82-85,96	NonHodgkin	0.0	0.0	0.0	1.9	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	12.6	0.0	0.0	23.8	0.9	1.3	1.6
C90	Mul.Myeloma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.6
C91	Lym.Leuk	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	1.7
C92-94	Mye.Leuk	1.9	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.0
C95	Oth.Leuk.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total	All Sites	7.7	0.0	3.4	7.7	8.4	4.8	13.3	21.2	63.7	84.5	139.3	152.8	252.4	430.5	376.0	380.2	37.7	65.2	107.5





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**Table B8: Average Annual Age-Specific, World Age Adjusted, Truncated (35-64) Incidence Rates of Cancer Cases Per 100,000 Persons, Aurangabad, 2001, Females**

ICD10	Site	0-	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	CR	AAR	TR
C00	Lip	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C01-02	Tongue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	0.0	0.0	0.0	21.3	11.1	0.0	0.0	1.2	1.8	4.
C03	Gum	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	20.2	0.7	1.0	1.2
C04-06	Oth.Mth.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	6.3	9.0	0.0	21.3	33.3	19.1	0.0	2.1	3.3	6.1
C07-08	Sal.Glands	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C09-10	Oropharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C11	Nasopharynx	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
C12-13	Hypopharynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.3	0.0	0.0	0.0	0.5	0.9	2.7
C14	Oth.Oral	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C15	Oesophagus	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	4.9	6.3	9.0	11.2	10.7	11.1	19.1	60.7	2.6	4.1	6.4
C16	Stomach	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C17	Small Inten.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C18	Colon	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.5	0.7	2.3
C19-21	Rectum	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	1.4
C22	Liver	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	9.0	0.0	10.7	0.0	0.0	0.0	0.7	1.1	2.8
C23-24	GallBladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C25	Pancreas	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C26	Oth.Dig.org	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C30-31	Nose,Sinus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38.1	0.0	0.5	0.8	0.0
C32	Larynx	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C33-34	Lung	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	6.3	0.0	22.5	10.7	11.1	0.0	20.2	1.9	2.8	5.5
C38	Med.Pluera	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	4.9	0.0	0.0	11.2	21.3	11.1	0.0	0.0	1.4	2.1	5.8
C40-41	Bone	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
C43	Skin Melanoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C44	Skin Other	0.0	0.0	0.0	0.0	2.3	2.4	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.6	0.6
C45	Mesothelioma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C46	Kaposi sarcoma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C47	Ner.System	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C48	Retropenium	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C49	Con.&Soft Tissue	0.0	2.0	0.0	0.0	0.0	2.4	5.9	0.0	0.0	0.0	9.0	0.0	10.7	0.0	19.1	0.0	1.7	2.0	2.8
C50	Breast	0.0	0.0	0.0	0.0	4.6	0.0	5.9	26.6	34.1	62.5	9.0	56.2	32.0	77.8	38.1	20.2	11.3	15.6	36.7
C51-52	Vulva,Vagina	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C53	Cervix	0.0	0.0	0.0	0.0	0.0	2.4	5.9	10.0	29.2	37.5	9.0	22.5	63.9	44.4	38.1	20.2	8.0	11.6	27.4
C54	Corpusuteri	0.0	0.0	0.0	0.0	0.0	0.0	2.9	3.3	4.9	6.3	0.0	11.2	0.0	0.0	0.0	0.0	1.2	1.5	4.2
C55	Uterus	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C56	Ovary	0.0	0.0	0.0	0.0	0.0	0.0	2.9	3.3	4.9	0.0	0.0	0.0	0.0	33.3	0.0	0.0	1.4	1.7	1.6
C64-65	Kidney	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	1.2
C66-68	Uri.Bladder	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.2	0.4	1.4
C69	Eyes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C70-72	Brain	0.0	2.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.6
C73	Thyroid	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	2.1
C74-75	Oth.Endo	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C76	Oth.Ill.Def.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C77	Lymphnodes	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C78	Sec.Respir.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C79	Sec.Oth.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C80	Unk.Prim.	2.2	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.5	0.0	11.1	0.0	20.2	1.4	2.1	2.9
C81	Hodgkin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C82-85	Non.Hodgkin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.9
C90	Mul.Myeloma	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	0.0	0.0	0.2	0.3	0.0
C91	Lym.Leuk.	0.0	0.0	1.9	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.9	1.0	2.7
C92-94	Mye.Leuk.	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	1.2
C93-95	Oth.Leuk.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.9
Total	All Sites	4.4	6.0	5.8	2.4	6.9	9.7	38.3	66.5	107.0	143.8	71.9	157.5	255.6	255.6	171.6	161.9	42.5	59.0	126.3



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**Table C 1 : Incident Cases of Cancer by Most Valid Basis of Diagnosis and Site (ICD10) with Percentages, Greater Mumbai, 2001, Male**

ICD10	Site	Microscopic		Clinical Investigation		Clinical only		DCO		Total	
		N	%	N	%	N	%	N	%	N	%
C00	Lip	22	95.7	0	0.0	1	4.3	0	0.0	23	100.0
C01-02	Tongue	188	86.2	0	0.0	14	6.4	16	7.3	218	100.0
C03	Gum	81	95.3	0	0.0	3	3.5	1	1.2	85	100.0
C04-06	Other mouth	227	89.0	1	0.4	18	7.1	9	3.5	255	100.0
C07-08	Salivary gland	25	86.2	0	0.0	1	3.4	3	10.3	29	100.0
C09-10	Oropharynx	59	86.8	0	0.0	4	5.9	5	7.4	68	100.0
C11	Nasopharynx	24	92.3	0	0.0	1	3.8	1	3.8	26	100.0
C12-13	Hypopharynx	133	87.5	0	0.0	13	8.6	6	3.9	152	100.0
C14	Other oral	14	56.0	0	0.0	1	4.0	10	40.0	25	100.0
C15	Oesophagus	193	76.6	3	1.2	21	8.3	35	13.9	252	100.0
C16	Stomach	129	73.7	2	1.1	24	13.7	20	11.4	175	100.0
C17	Small intestine	8	88.9	0	0.0	0	0.0	1	11.1	9	100.0
C18	Colon	113	88.3	1	0.8	7	5.5	7	5.5	128	100.0
C19-21	Rectum	120	83.9	0	0.0	16	11.2	7	4.9	143	100.0
C22	Liver	136	77.3	2	1.1	15	8.5	23	13.1	176	100.0
C23-24	Gall bladder, bile	62	75.6	2	2.4	8	9.8	10	12.2	82	100.0
C25	Pancreas	45	54.9	2	2.4	20	24.4	15	18.3	82	100.0
C26	Other digestive org	6	100.0	0	0.0	0	0.0	0	0.0	6	100.0
C30-31	Nose, sinuses	26	83.9	0	0.0	2	6.5	3	9.7	31	100.0
C32	Larynx	225	76.3	5	1.7	32	10.8	33	11.2	295	100.0
C33-34	Lung	259	69.4	10	2.7	59	15.8	45	12.1	373	100.0
C37-38	Mediastinum, plura	14	82.4	0	0.0	3	17.6	0	0.0	17	100.0
C40-41	Bone	58	82.9	2	2.9	5	7.1	5	7.1	70	100.0
C43	Skin melanoma	15	100.0	0	0.0	0	0.0	0	0.0	15	100.0
C44	Skin other	52	98.1	0	0.0	1	1.9	0	0.0	53	100.0
C45	Mesothelioma	3	100.0	0	0.0	0	0.0	0	0.0	3	100.0
C46	Kaposi sarcoma	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
C47	Nervous system	4	100.0	0	0.0	0	0.0	0	0.0	4	100.0
C48	Retroperitoneum	4	57.1	0	0.0	3	42.9	0	0.0	7	100.0
C49	Con. and soft tissue	71	100.0	0	0.0	0	0.0	0	0.0	71	100.0
C50	Breast	13	86.7	0	0.0	2	13.3	0	0.0	15	100.0
C60	Penis	37	94.9	0	0.0	2	5.1	0	0.0	39	100.0
C61	Prostate gland	204	82.6	2	0.8	14	5.7	27	10.9	247	100.0
C62	Testis	40	88.9	0	0.0	4	8.9	1	2.2	45	100.0
C63	Oth. male genital	2	100.0	0	0.0	0	0.0	0	0.0	2	100.0
C64-65	Kidney	80	90.9	1	1.1	4	4.5	3	3.4	88	100.0
C66-68	Urinary bladder	156	88.6	3	1.7	9	5.1	8	4.5	176	100.0
C69	Eye	4	80.0	0	0.0	1	20.0	0	0.0	5	100.0
C70-72	Brain	190	94.1	1	0.5	5	2.5	6	3.0	202	100.0
C73	Thyroid gland	47	95.9	0	0.0	2	4.1	0	0.0	49	100.0
C74-75	Oth. endocrine glands	12	100.0	0	0.0	0	0.0	0	0.0	12	100.0
C76	Oth. ill defined sites	11	40.7	0	0.0	4	14.8	12	44.4	27	100.0
C77	Lymph nodes	52	81.3	0	0.0	9	14.1	3	4.7	64	100.0
C78	Sec. respir & digest	50	92.6	1	1.9	1	1.9	2	3.7	54	100.0
C79	Sec. other	20	95.2	1	4.8	0	0.0	0	0.0	21	100.0
C80	Unknown primary	23	43.4	1	1.9	22	41.5	7	13.2	53	100.0
C81	Hodgkin Lymphoma	55	100.0	0	0.0	0	0.0	0	0.0	55	100.0
C82-85	Non hodgkin lymphoma	195	100.0	0	0.0	0	0.0	0	0.0	195	100.0
C90	Multiple myeloma	61	100.0	0	0.0	0	0.0	0	0.0	61	100.0
C91	Lymphoid leukemia	95	100.0	0	0.0	0	0.0	0	0.0	95	100.0
C92	Myeloid leukemia	115	100.0	0	0.0	0	0.0	0	0.0	115	100.0
C93-95	Other Leukemia	26	100.0	0	0.0	0	0.0	0	0.0	26	100.0
Total	All sites	3805	84.2	40	0.9	351	7.8	324	7.2	4520	100.0



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table C 2 : Incident Cases of Cancer by Most Valid Basis of Diagnosis and Site (ICD10) with Percentages, Greater Mumbai, 2001, Female**

ICD10	Site	Microscopic		Clinical Investigation		Clinical only		DCO		Total	
		N	%	N	%	N	%	N	%	N	%
C00	Lip	12	100.0	0	0.0	0	0.0	0	0.0	12	100.0
C01-02	Tongue	59	93.7	0	0.0	2	3.2	2	3.2	63	100.0
C03	Gum	32	88.9	0	0.0	4	11.1	0	0.0	36	100.0
C04-06	Other mouth	107	89.2	1	0.8	8	6.7	4	3.3	120	100.0
C07-08	Salivary gland	16	94.1	0	0.0	1	5.9	0	0.0	17	100.0
C09-10	Oropharynx	14	87.5	0	0.0	1	6.3	1	6.3	16	100.0
C11	Nasopharynx	9	81.8	1	9.1	1	9.1	0	0.0	11	100.0
C12-13	Hypopharynx	24	80.0	0	0.0	4	13.3	2	6.7	30	100.0
C14	Other oral	4	66.7	0	0.0	0	0.0	2	33.3	6	100.0
C15	Oesophagus	137	72.1	3	1.6	18	9.5	32	16.8	190	100.0
C16	Stomach	60	75.0	3	3.8	4	5.0	13	16.3	80	100.0
C17	Small intestine	7	87.5	0	0.0	0	0.0	1	12.5	8	100.0
C18	Colon	74	79.6	0	0.0	13	14.0	6	6.5	93	100.0
C19-21	Rectum	83	81.4	0	0.0	14	13.7	5	4.9	102	100.0
C22	Liver	54	65.1	1	1.2	11	13.3	17	20.5	83	100.0
C23-24	Gall bladder, bile	57	72.2	3	3.8	11	13.9	8	10.1	79	100.0
C25	Pancreas	42	60.0	1	1.4	12	17.1	15	21.4	70	100.0
C26	Other digestive org	4	57.1	0	0.0	0	0.0	3	42.9	7	100.0
C30-31	Nose, sinuses	21	75.0	0	0.0	5	17.9	2	7.1	28	100.0
C32	Larynx	20	71.4	0	0.0	4	14.3	4	14.3	28	100.0
C33-34	Lung	92	76.0	4	3.3	10	8.3	15	12.4	121	100.0
C37-38	Mediastinum, plura	13	81.3	1	6.3	2	12.5	0	0.0	16	100.0
C40-41	Bone	26	81.3	0	0.0	2	6.3	4	12.5	32	100.0
C43	Skin melanoma	5	100.0	0	0.0	0	0.0	0	0.0	5	100.0
C44	Skin other	33	97.1	0	0.0	0	0.0	1	2.9	34	100.0
C45	Mesothelioma	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
C46	Kaposi sarcoma	0	-	0	-	0	-	0	-	0	-
C47	Nervous system	0	-	0	-	0	-	0	-	0	-
C48	Retropertonium	7	87.5	0	0.0	0	0.0	1	12.5	8	100.0
C49	Con. and soft tissue	44	97.8	0	0.0	1	2.2	0	0.0	45	100.0
C50	Breast	1094	90.3	8	0.7	64	5.3	46	3.8	1212	100.0
C51-52	Oth female genital	43	66.2	0	0.0	2	3.1	20	30.8	65	100.0
C53	Cervix uteri	568	89.9	0	0.0	42	6.6	22	3.5	632	100.0
C54	Corpus uteri	117	97.5	0	0.0	2	1.7	1	0.8	120	100.0
C55	Uterus	24	64.9	0	0.0	0	0.0	13	35.1	37	100.0
C56	Ovary	302	84.1	6	1.7	37	10.3	14	3.9	359	100.0
C64-65	Kidney	44	95.7	1	2.2	1	2.2	0	0.0	46	100.0
C66-68	Urinary bladder	32	88.9	0	0.0	2	5.6	2	5.6	36	100.0
C69	Eye	7	87.5	0	0.0	0	0.0	1	12.5	8	100.0
C70-72	Brain	110	91.7	0	0.0	6	5.0	4	3.3	120	100.0
C73	Thyroid gland	72	97.3	0	0.0	1	1.4	1	1.4	74	100.0
C74-75	Oth. endocrine glands	9	90.0	1	10.0	0	0.0	0	0.0	10	100.0
C76	Oth. ill defined sites	11	73.3	0	0.0	0	0.0	4	26.7	15	100.0
C77	Lymph nodes	26	83.9	1	3.2	2	6.5	2	6.5	31	100.0
C78	Sec. respir & digest	38	86.4	2	4.5	3	6.8	1	2.3	44	100.0
C79	Sec. Other	12	70.6	2	11.8	3	17.6	0	0.0	17	100.0
C80	Unknown primary	6	21.4	0	0.0	17	60.7	5	17.9	28	100.0
C81	Hodgkin Lymphoma	27	100.0	0	0.0	0	0.0	0	0.0	27	100.0
C82-85	Non hodgkin lymphoma	106	100.0	0	0.0	0	0.0	0	0.0	106	100.0
C90	Multiple myeloma	41	100.0	0	0.0	0	0.0	0	0.0	41	100.0
C91	Lymphoid leukemia	55	100.0	0	0.0	0	0.0	0	0.0	55	100.0
C92	Myeloid leukemia	72	100.0	0	0.0	0	0.0	0	0.0	72	100.0
C93-95	Other Leukemia	26	100.0	0	0.0	0	0.0	0	0.0	26	100.0
Total	All sites	3899	86.2	39	0.9	310	6.9	274	6.1	4522	100.0



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table C 3 : Incident Cases of Cancer by Most Valid Basis of Diagnosis and Site (ICD10) with Percentages, Poona, 2001, Male**

ICD10	Site	Microscopic		Clinical Investigation		Clinical only		DCO		Total	
		N	%	N	%	N	%	N	%	N	%
C00	Lip	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
C01-02	Tongue	43	97.73	0	0.00	1	2.27	0	0.00	44	100.00
C03	Gum	34	91.89	0	0.00	1	2.70	2	5.41	37	100.00
C04-06	Other mouth	60	96.77	0	0.00	2	3.23	0	0.00	62	100.00
C07-08	Salivary gland	7	100.00	0	0.00	0	0.00	0	0.00	7	100.00
C09-10	Oropharynx	21	95.45	0	0.00	1	4.55	0	0.00	22	100.00
C11	Nasopharynx	4	80.00	0	0.00	0	0.00	1	20.00	5	100.00
C12-13	Hypopharynx	31	96.88	0	0.00	0	0.00	1	3.13	32	100.00
C14	Other oral	1	25.00	0	0.00	2	50.00	1	25.00	4	100.00
C15	Oesophagus	48	72.73	2	3.03	13	19.70	3	4.55	66	100.00
C16	Stomach	44	88.00	0	0.00	5	10.00	1	2.00	50	100.00
C17	Small intestine	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
C18	Colon	27	84.38	0	0.00	2	6.25	3	9.38	32	100.00
C19-21	Rectum	35	87.50	0	0.00	2	5.00	3	7.50	40	100.00
C22	Liver	49	89.09	0	0.00	0	0.00	6	10.91	55	100.00
C23-24	Gall bladder, bile	7	58.33	0	0.00	3	25.00	2	16.67	12	100.00
C25	Pancreas	18	66.67	2	7.41	4	14.81	3	11.11	27	100.00
C26	Other digestive org	2	66.67	0	0.00	0	0.00	1	33.33	3	100.00
C30-31	Nose, sinuses	14	93.33	0	0.00	1	6.67	0	0.00	15	100.00
C32	Larynx	78	86.67	1	1.11	8	8.89	3	3.33	90	100.00
C33-34	Lung	54	76.06	1	1.41	14	19.72	2	2.82	71	100.00
C37-38	Mediastinum, plura	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
C40-41	Bone	15	100.00	0	0.00	0	0.00	0	0.00	15	100.00
C43	Skin melanoma	4	80.00	0	0.00	1	20.00	0	0.00	5	100.00
C44	Skin other	18	100.00	0	0.00	0	0.00	0	0.00	18	100.00
C45	Mesothelioma	0	-	0	-	0	-	0	-	0	-
C46	Kaposi sarcoma	0	-	0	-	0	-	0	-	0	-
C47	Nervous system	4	80.00	0	0.00	0	0.00	1	20.00	5	100.00
C48	Retroperitoneum	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
C49	Con. and soft tissue	30	100.00	0	0.00	0	0.00	0	0.00	30	100.00
C50	Breast	6	75.00	0	0.00	2	25.00	0	0.00	8	100.00
C60	Penis	17	89.47	0	0.00	0	0.00	2	10.53	19	100.00
C61	Prostate, gland	64	91.43	0	0.00	3	4.29	3	4.29	70	100.00
C62	Testis	11	91.67	1	8.33	0	0.00	0	0.00	12	100.00
C63	Other male genital	0	-	0	-	0	-	0	-	0	-
C64-65	Kidney	25	100.00	0	0.00	0	0.00	0	0.00	25	100.00
C66-68	Urinary bladder	34	89.47	0	0.00	3	7.89	1	2.63	38	100.00
C69	Eye	4	80.00	0	0.00	1	20.00	0	0.00	5	100.00
C70-72	Brain	53	96.36	0	0.00	1	1.82	1	1.82	55	100.00
C73	Thyroid gland	13	100.00	0	0.00	0	0.00	0	0.00	13	100.00
C74-75	Oth. endocrine glands	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
C76	Oth. ill defined sites	1	50.00	0	0.00	0	0.00	1	50.00	2	100.00
C77	Lymph nodes	13	92.86	0	0.00	1	7.14	0	0.00	14	100.00
C78	Sec. respir & digest	12	85.71	0	0.00	2	14.29	0	0.00	14	100.00
C79	Sec. other	3	50.00	0	0.00	2	33.33	1	16.67	6	100.00
C80	Unknown primary	15	50.00	0	0.00	8	26.67	7	23.33	30	100.00
C81	Hodgkin Lymphoma	14	100.00	0	0.00	0	0.00	0	0.00	14	100.00
C82-85	Non hodgkin lymphoma	58	100.00	0	0.00	0	0.00	0	0.00	58	100.00
C90	Multiple myeloma	12	100.00	0	0.00	0	0.00	0	0.00	12	100.00
C91	Lymphoid leukemia	23	100.00	0	0.00	0	0.00	0	0.00	23	100.00
C92	Myeloid leukemia	23	100.00	0	0.00	0	0.00	0	0.00	23	100.00
C93-95	Other Leukemia	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
Total	All sites	1071	88.51	7	0.58	83	6.86	49	4.05	1210	100.00



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table C 4 : Incident Cases of Cancer by Most Valid Basis of Diagnosis and Site (ICD10) with Percentages, Poona, 2001, Female**

ICD10	Site	Microscopic		Clinical Investigation		Clinical only		DCO		Total	
		N	%	N	%	N	%	N	%	N	%
C00	Lip	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
C01-02	Tongue	29	100.00	0	0.00	0	0.00	0	0.00	29	100.00
C03	Gum	22	88.00	0	0.00	2	8.00	1	4.00	25	100.00
C04-06	Other mouth	41	97.62	0	0.00	1	2.38	0	0.00	42	100.00
C07-08	Salivary gland	6	85.71	0	0.00	0	0.00	1	14.29	7	100.00
C09-10	Oropharynx	7	100.00	0	0.00	0	0.00	0	0.00	7	100.00
C11	Nasopharynx	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
C12-13	Hypopharynx	20	95.24	0	0.00	1	4.76	0	0.00	21	100.00
C14	Other oral	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
C15	Oesophagus	32	69.57	1	2.17	4	8.70	9	19.57	46	100.00
C16	Stomach	25	75.76	1	3.03	2	6.06	5	15.15	33	100.00
C17	Small intestine	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
C18	Colon	32	91.43	0	0.00	2	5.71	1	2.86	35	100.00
C19-21	Rectum	27	93.10	1	3.45	1	3.45	0	0.00	29	100.00
C22	Liver	16	72.73	0	0.00	0	0.00	6	27.27	22	100.00
C23-24	Gall bladder, bile	14	87.50	1	6.25	1	6.25	0	0.00	16	100.00
C25	Pancreas	10	83.33	0	0.00	1	8.33	1	8.33	12	100.00
C26	Other digestive org	2	100.00	0	-	0	-	0	-	2	100.00
C30-31	Nose, sinuses	11	91.67	0	0.00	0	0.00	1	8.33	12	100.00
C32	Larynx	8	66.67	0	0.00	2	16.67	2	16.67	12	100.00
C33-34	Lung	31	75.61	0	0.00	2	4.88	8	19.51	41	100.00
C37-38	Mediastinum, plura	0	-	0	-	0	-	1	100.00	1	100.00
C40-41	Bone	12	92.31	0	-	0	-	1	7.69	13	100.00
C43	Skin melanoma	6	100.00	0	-	0	-	0	0.00	6	100.00
C44	Skin other	13	92.86	0	-	0	-	1	7.14	14	100.00
C45	Mesothelioma	0	-	0	-	0	-	0	-	0	-
C46	Kaposi sarcoma	0	-	0	-	0	-	0	-	0	-
C47	Nervous system	0	-	0	-	0	-	0	-	0	-
C48	Retroperitoneum	4	-	0	-	2	33.33	0	-	6	100.00
C49	Con. and soft tissue	22	100.00	0	0.00	0	0.00	0	0.00	22	100.00
C50	Breast	319	91.93	0	0.00	18	5.19	10	2.88	347	100.00
C51-52	Oth female genital	9	64.29	5	35.71	0	0.00	0	0.00	14	100.00
C53	Cervix uteri	247	92.16	0	0.00	9	3.36	12	4.48	268	100.00
C54	Corpus uteri	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C55	Uterus	24	80.00	0	0.00	1	3.33	5	16.67	30	100.00
C56	Ovary	87	74.36	1	0.85	16	13.68	13	11.11	117	100.00
C64-65	Kidney	11	100.00	0	0.00	0	0.00	0	0.00	11	100.00
C66-68	Urinary bladder	4	80.00	1	20.00	0	0.00	0	0.00	5	100.00
C69	Eye	0	-	0	-	0	-	0	-	0	-
C70-72	Brain	22	91.67	1	4.17	1	4.17	0	0.00	24	100.00
C73	Thyroid gland	14	93.33	0	0.00	0	0.00	1	6.67	15	100.00
C74-75	Oth. Endo.glands	4	-	0	-	0	-	0	-	4	100.00
C76	Oth. ill defined sites	1	-	0	-	0	-	0	-	1	100.00
C77	Lymph nodes	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
C78	Sec. respir & digest	7	63.64	0	0.00	4	36.36	0	0.00	11	100.00
C79	Sec. other	4	28.57	0	0.00	4	28.57	6	42.86	14	100.00
C80	Unknown primary	13	86.67	0	0.00	2	13.33	0	0.00	15	100.00
C81	Hodgkin Lymphoma	10	100.00	0	0.00	0	0.00	0	0.00	10	100.00
C82-85	Non hodgkin lymph	52	100.00	0	0.00	0	0.00	0	0.00	52	100.00
C90	Multiple myeloma	13	100.00	0	0.00	0	0.00	0	0.00	13	100.00
C91	Lymphoid leukemia	13	100.00	0	0.00	0	0.00	0	0.00	13	100.00
C92	Myeloid leukemia	16	100.00	0	0.00	0	0.00	0	0.00	16	100.00
C93-95	Other Leukemia	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
Total	All sites	1291	88.18	12	0.82	76	5.19	85	5.81	1464	100.00



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

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**Table C 5 : Incident Cases of Cancer by Most Valid Basis of Diagnosis and Site (ICD10) with Percentages, Nagpur, 2001, Male**

ICD10	Site	Microscopic		Clinical Investigation		Clinical only		DCO		Total	
		N	%	N	%	N	%	N	%	N	%
C00	Lip	7	100.00	0	0.00	0	0.00	0	0.00	7	100.00
C01-02	Tongue	55	98.21	0	0.00	0	0.00	1	1.79	56	100.00
C03	Gum	19	100.00	0	0.00	0	0.00	0	0.00	19	100.00
C04-06	Other mouth	31	100.00	0	0.00	0	0.00	0	0.00	31	100.00
C07-08	Salivary gland	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
C09-10	Oropharynx	26	100.00	0	0.00	0	0.00	0	0.00	26	100.00
C11	Nasopharynx	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
C12-13	Hypopharynx	19	100.00	0	0.00	0	0.00	0	0.00	19	100.00
C14	Other oral	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
C15	Oesophagus	57	100.00	0	0.00	0	0.00	0	0.00	57	100.00
C16	Stomach	30	93.75	0	0.00	2	6.25	0	0.00	32	100.00
C17	Small intestine	0	-	0	-	0	-	0	-	0	-
C18	Colon	19	90.48	0	0.00	2	9.52	0	0.00	21	100.00
C19-21	Rectum	28	100.00	0	0.00	0	0.00	0	0.00	28	100.00
C22	Liver	10	100.00	0	0.00	0	0.00	0	0.00	10	100.00
C23-24	Gall bladder, bile	7	77.78	0	0.00	2	22.22	0	0.00	9	100.00
C25	Pancreas	13	100.00	0	0.00	0	0.00	0	0.00	13	100.00
C26	Other digestive org	0	-	0	-	0	-	0	-	0	-
C30-31	Nose, sinuses	14	100.00	0	0.00	0	0.00	0	0.00	14	100.00
C32	Larynx	68	97.14	0	0.00	2	2.86	0	0.00	70	100.00
C33-34	Lung	50	90.91	0	0.00	5	9.09	0	0.00	55	100.00
C37-38	Mediastinum, plura	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C40-41	Bone	13	100.00	0	0.00	0	0.00	0	0.00	13	100.00
C43	Skin melanoma	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
C44	Skin other	17	100.00	0	0.00	0	0.00	0	0.00	17	100.00
C45	Mesothelioma	0	-	0	-	0	-	0	-	0	-
C46	Kaposi sarcoma	0	-	0	-	0	-	0	-	0	-
C47	Nervous system	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C48	Retroperitoneum	0	-	0	-	0	-	0	-	0	-
C49	Con. and soft tissue	15	100.00	0	0.00	0	0.00	0	0.00	15	100.00
C50	Breast	8	100.00	0	0.00	0	0.00	0	0.00	8	100.00
C60	Penis	8	100.00	0	0.00	0	0.00	0	0.00	8	100.00
C61	Prostate, gland	20	100.00	0	0.00	0	0.00	0	0.00	20	100.00
C62	Testis	10	90.91	0	0.00	1	9.09	0	0.00	11	100.00
C63	Other male genital	0	-	0	-	0	-	0	-	0	-
C64-65	Kidney	13	100.00	0	0.00	0	0.00	0	0.00	13	100.00
C66-68	Urinary bladder	18	100.00	0	0.00	0	0.00	0	0.00	18	100.00
C69	Eye	4	80.00	0	0.00	1	20.00	0	0.00	5	100.00
C70-72	Brain	29	93.55	0	0.00	2	6.45	0	0.00	31	100.00
C73	Thyroid gland	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
C74-75	Oth. endocrine glands	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C76	Oth. ill defined sites	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C77	Lymph nodes	14	100.00	0	0.00	0	0.00	0	0.00	14	100.00
C78	Sec. respir & digest	15	93.75	0	0.00	1	6.25	0	0.00	16	100.00
C79	Sec. other	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
C80	Unknown primary	31	44.93	0	0.00	6	8.70	32	46.38	69	100.00
C81	Hodgkin Lymphoma	12	100.00	0	0.00	0	0.00	0	0.00	12	100.00
C82-85	Non hodgkin lymphoma	42	100.00	0	0.00	0	0.00	0	0.00	42	100.00
C90	Multiple myeloma	12	100.00	0	0.00	0	0.00	0	0.00	12	100.00
C91	Lymphoid leukemia	23	95.83	0	0.00	0	0.00	1	4.17	24	100.00
C92	Myeloid leukemia	35	100.00	0	0.00	0	0.00	0	0.00	35	100.00
C93-95	Other Leukemia	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
<b>Total</b>	<b>All sites</b>	<b>826</b>	<b>93.44</b>	<b>0</b>	<b>0.00</b>	<b>24</b>	<b>2.71</b>	<b>34</b>	<b>3.85</b>	<b>884</b>	<b>100.00</b>



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table C 6 : Incident Cases of Cancer by Most Valid Basis of Diagnosis and Site (ICD10) with Percentages, Nagpur, 2001, Female**

ICD10	Site	Microscopic		Clinical Investigation		Clinical only		DCO		Total	
		N	%	N	%	N	%	N	%	N	%
C00	Lip	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C01-02	Tongue	7	100.00	0	0.00	0	0.00	0	0.00	7	100.00
C03	Gum	10	100.00	0	0.00	0	0.00	0	0.00	10	100.00
C04-06	Other mouth	17	100.00	0	0.00	0	0.00	0	0.00	17	100.00
C07-08	Salivary gland	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C09-10	Oropharynx	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
C11	Nasopharynx	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
C12-13	Hypopharynx	9	100.00	0	0.00	0	0.00	0	0.00	9	100.00
C14	Other oral	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C15	Oesophagus	37	100.00	0	0.00	0	0.00	0	0.00	37	100.00
C16	Stomach	13	92.86	0	0.00	1	7.14	0	0.00	14	100.00
C17	Small intestine	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C18	Colon	19	95.00	1	5.00	0	0.00	0	0.00	20	100.00
C19-21	Rectum	17	100.00	0	0.00	0	0.00	0	0.00	17	100.00
C22	Liver	8	100.00	0	0.00	0	0.00	0	0.00	8	100.00
C23-24	Gall bladder, bile	9	100.00	0	0.00	0	0.00	0	0.00	9	100.00
C25	Pancreas	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
C26	Other digestive org	0	-	0	-	0	-	0	-	0	-
C30-31	Nose, sinuses	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
C32	Larynx	14	100.00	0	0.00	0	0.00	0	0.00	14	100.00
C33-34	Lung	20	100.00	0	0.00	0	0.00	0	0.00	20	100.00
C37-38	Mediastinum, plura	0	-	0	-	0	-	0	-	0	-
C40-41	Bone	4	80.00	0	0.00	1	20.00	0	0.00	5	100.00
C43	Skin melanoma	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
C44	Skin other	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
C45	Mesothelioma	0	-	0	-	0	-	0	-	0	-
C46	Kaposi sarcoma	0	-	0	-	0	-	0	-	0	-
C47	Nervous system	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C48	Retroperitoneum	0	-	0	-	0	-	0	-	0	-
C49	Con. and soft tissue	10	100.00	0	0.00	0	0.00	0	0.00	10	100.00
C50	Breast	259	99.62	0	0.00	1	0.38	0	0.00	260	100.00
C51-52	Oth female genital	7	87.50	1	12.50	0	0.00	0	0.00	8	100.00
C53	Cervix uteri	161	98.77	1	0.61	1	0.61	0	0.00	163	100.00
C54	Corpus uteri	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
C55	Uterus	17	94.44	0	0.00	1	5.56	0	0.00	18	100.00
C56	Ovary	59	96.72	0	0.00	2	3.28	0	0.00	61	100.00
C64-65	Kidney	7	100.00	0	0.00	0	0.00	0	0.00	7	100.00
C66-68	Urinary bladder	9	100.00	0	0.00	0	0.00	0	0.00	9	100.00
C69	Eye	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
C70-72	Brain	21	87.50	0	0.00	3	12.50	0	0.00	24	100.00
C73	Thyroid gland	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
C74-75	Oth. endocrine glands	0	-	0	-	0	-	0	-	0	-
C76	Oth. ill defined sites	0	-	0	-	0	-	0	-	0	-
C77	Lymph nodes	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
C78	Sec. respir & digest	9	81.82	0	0.00	2	18.18	0	0.00	11	100.00
C79	Sec. other	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
C80	Unknown primary	27	54.00	0	0.00	6	12.00	17	34.00	50	100.00
C81	Hodgkin Lymphoma	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
C82-85	Non hodgkin lymphoma	19	100.00	0	0.00	0	0.00	0	0.00	19	100.00
C90	Multiple myeloma	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C91	Lymphoid leukemia	8	100.00	0	0.00	0	0.00	0	0.00	8	100.00
C92	Myeloid leukemia	17	100.00	0	0.00	0	0.00	0	0.00	17	100.00
C93-95	Other Leukemia	6	85.71	0	0.00	0	0.00	1	14.29	7	100.00
Total	All sites	871	95.71	3	0.33	18	1.98	18	1.98	910	100.00





# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table C 7 : Incident Cases of Cancer by Most Valid Basis of Diagnosis and Site (ICD10) with Percentages Aurangabad, 2001, Male**

ICD10	Site	Microscopic		Clinical Investigation		Clinical only		DCO		Total	
		N	%	N	%	N	%	N	%	N	%
C00	Lip	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C01-02	Tongue	8	80.00	0	0.00	0	0.00	2	20.00	10	100.00
C03	Gum	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
C04-06	Other mouth	11	91.67	0	0.00	1	8.33	0	0.00	12	100.00
C07-08	Salivary gland	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C09-10	Oropharynx	7	87.50	0	0.00	0	0.00	1	12.50	8	100.00
C11	Nasopharynx	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C12-13	Hypopharynx	15	83.33	0	0.00	0	0.00	3	16.67	18	100.00
C14	Other oral	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C15	Oesophagus	21	100.00	0	0.00	0	0.00	0	0.00	21	100.00
C16	Stomach	3	60.00	0	0.00	1	20.00	1	20.00	5	100.00
C17	Small intestine	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C18	Colon	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C19-21	Rectum	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
C22	Liver	5	55.56	1	11.11	0	0.00	3	33.33	9	100.00
C23-24	Gall bladder, bile	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C25	Pancreas	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C26	Other digestive org	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C30-31	Nose, sinuses	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C32	Larynx	7	100.00	0	0.00	0	0.00	0	0.00	7	100.00
C33-34	Lung	10	66.67	2	13.33	2	13.33	1	6.67	15	100.00
C37-38	Mediastinum, plura	2	50.00	0	0.00	0	0.00	2	50.00	4	100.00
C40-41	Bone	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
C43	Skin melanoma	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C44	Skin other	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C45	Mesothelioma	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C46	Kaposi sarcoma	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C47	Nervous system	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C48	Retroperitoneum	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C49	Con. and soft tissue	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
C50	Breast	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
C60	Penis	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C61	Prostate, gland	4	66.67	1	16.67	1	16.67	0	0.00	6	100.00
C62	Testis	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
C63	Other male genital	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C6465	Kidney	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
C6668	Urinary bladder	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C69	Eye	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C7072	Brain	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
C73	Thyroid gland	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
C7475	Oth. endocrine glands	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C76	Oth. ill defined sites	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C77	Lymph nodes	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C78	Sec. respir & digest	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C79	Sec. other	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C80	Unknown primary	4	44.44	2	22.22	0	0.00	3	33.33	9	100.00
C81	Hodgkin Lymphoma	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
C8285	Non hodgkin lymphoma	2	50.00	1	25.00	0	0.00	1	25.00	4	100.00
C90	Multiple myeloma	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C91	Lymphoid leukemia	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
C92	Myeloid leukemia	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
C9395	Other Leukemia	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
<b>Total</b>	<b>All sites</b>	<b>148</b>	<b>83.62</b>	<b>7</b>	<b>3.95</b>	<b>5</b>	<b>2.82</b>	<b>17</b>	<b>9.60</b>	<b>177</b>	<b>100.00</b>





# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table C 7 : Incident Cases of Cancer by Most Valid Basis of Diagnosis and Site (ICD10) with Percentages Aurangabad, 2001, Female**

ICD10	Site	Microscopic		Clinical Investigation		Clinical only		DCO		Total	
		N	%	N	%	N	%	N	%	N	%
C00	Lip	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C01-02	Tongue	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
C03	Gum	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
C04-06	Other mouth	9	100.00	0	0.00	0	0.00	0	0.00	9	100.00
C07-08	Salivary gland	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C09-10	Oropharynx	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C11	Nasopharynx	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C12-13	Hypopharynx	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
C14	Other oral	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C15	Oesophagus	10	90.91	0	0.00	0	0.00	1	9.09	11	100.00
C16	Stomach	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C17	Small intestine	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C18	Colon	1	50.00	0	0.00	0	0.00	1	50.00	2	100.00
C19-21	Rectum	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
C22	Liver	2	66.67	1	33.33	0	0.00	0	0.00	3	100.00
C23-24	Gall bladder, bile	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C25	Pancreas	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C26	Other digestive org	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C30-31	Nose, sinuses	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
C32	Larynx	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C33-34	Lung	4	50.00	0	0.00	0	0.00	4	50.00	8	100.00
C37-38	Mediastinum, plura	2	33.33	3	50.00	0	0.00	1	16.67	6	100.00
C40-41	Bone	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C43	Skin melanoma	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C44	Skin other	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
C45	Mesothelioma	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C46	Kaposi sarcoma	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C47	Nervous system	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C48	Retropertionium	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C49	Con. and soft tissue	6	0.00	0	0.00	1	14.29	0	0.00	7	100.00
C50	Breast	45	93.75	0	0.00	0	0.00	3	6.25	48	100.00
C51-52	Oth female genital	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C53	Cervix uteri	33	97.06	0	0.00	1	2.94	0	0.00	34	100.00
C54	Corpus uteri	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
C55	Uterus	0	0.00	1	100.00	0	0.00	0	0.00	1	100.00
C56	Ovary	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
C64-65	Kidney	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
C66-68	Urinary bladder	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C69	Eye	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C70-72	Brain	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
C73	Thyroid gland	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
C74-75	Oth. endocrine glands	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C76	Oth. ill defined sites	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C77	Lymph nodes	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C78	Sec. respir & digest	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C79	Sec. other	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C80	Unknown primary	5	83.33	0	0.00	0	0.00	1	16.67	6	100.00
C81	Hodgkin Lymphoma	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
C82-85	Non hodgkin lymphoma	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C90	Multiple myeloma	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
C91	Lymphoid leukemia	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
C92	Myeloid leukemia	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
C93-95	Other Leukemia	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
Total	All sites	162	90.00	5	2.78	2	1.11	11	6.11	180	100.00



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table D 1 : Incident Cases of Cancer by Religion and Site (ICD10) with Crude Rates per 100,000 Population, Greater Mumbai, 2001, Male**

ICD10	Site	Hindu		Muslim		Christian		Jain		Neo Bud		Parsi		Others		Total	
		N	CR	N	CR	N	CR	N	CR	N	CR	N	CR	N	CR	N	CR
C00	Lip	18	0.4	4	0.4	1	0.4	0	0.0	0	0.0	0	0.0	0	0.0	23	0.3
C01-02	Tongue	165	3.6	37	3.3	12	4.4	0	0.0	2	0.6	2	3.9	0	0.0	218	3.3
C03	Gum	68	1.5	15	1.3	0	0.0	1	0.4	1	0.3	0	0.0	0	0.0	85	1.3
C04-06	Other mouth	189	4.1	52	4.6	12	4.4	0	0.0	1	0.3	1	1.9	0	0.0	255	3.8
C07-08	Salivary gland	24	0.5	4	0.4	1	0.4	0	0.0	0	0.0	0	0.0	0	0.0	29	0.4
C09-10	Oropharynx	50	1.1	12	1.1	6	2.2	0	0.0	0	0.0	0	0.0	0	0.0	68	1.0
C11	Nasopharynx	18	0.4	6	0.5	1	0.4	0	0.0	0	0.0	1	1.9	0	0.0	26	0.4
C12-13	Hypopharynx	122	2.7	20	1.8	9	3.3	1	0.4	0	0.0	0	0.0	0	0.0	152	2.3
C14	Other oral	15	0.3	7	0.6	1	0.4	0	0.0	0	0.0	2	3.9	0	0.0	25	0.4
C15	Oesophagus	208	4.6	26	2.3	14	5.1	0	0.0	0	0.0	2	3.9	2	4.2	252	3.8
C16	Stomach	140	3.1	23	2.0	9	3.3	0	0.0	0	0.0	2	3.9	1	2.1	175	2.6
C17	Small intestine	6	0.1	2	0.2	0	0.0	0	0.0	0	0.0	1	1.9	0	0.0	9	0.1
C18	Colon	98	2.2	19	1.7	8	2.9	2	0.9	0	0.0	0	0.0	1	2.1	128	1.9
C19-21	Rectum	121	2.7	13	1.1	3	1.1	1	0.4	1	0.3	4	7.8	0	0.0	143	2.2
C22	Liver	138	3.0	19	1.7	12	4.4	2	0.9	1	0.3	3	5.8	1	2.1	176	2.7
C23-24	Gall bladder, bile	65	1.4	12	1.1	4	1.5	0	0.0	0	0.0	1	1.9	0	0.0	82	1.2
C25	Pancreas	63	1.4	13	1.1	5	1.8	1	0.4	0	0.0	0	0.0	0	0.0	82	1.2
C26	Other digestive org	6	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6	0.1
C30-31	Nose, sinuses	24	0.5	4	0.4	1	0.4	0	0.0	0	0.0	1	1.9	1	2.1	31	0.5
C32	Larynx	209	4.6	62	5.5	21	7.7	1	0.4	0	0.0	2	3.9	0	0.0	295	4.4
C33-34	Lung	262	5.8	76	6.7	23	8.4	3	1.3	0	0.0	8	15.5	1	2.1	373	5.6
C37-38	Mediastinum, plura	10	0.2	4	0.4	2	0.7	1	0.4	0	0.0	0	0.0	0	0.0	17	0.3
C40-41	Bone	49	1.1	13	1.1	5	1.8	0	0.0	0	0.0	3	5.8	0	0.0	70	1.1
C43	Skin melanoma	14	0.3	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	15	0.2
C44	Skin other	38	0.8	10	0.9	3	1.1	0	0.0	1	0.3	1	1.9	0	0.0	53	0.8
C45	Mesothelioma	2	0.0	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	0.0
C46	Kaposi sarcoma	1	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
C47	Nervous system	4	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	0.1
C48	Retroperitoneum	6	0.1	0	0.0	0	0.0	0	0.0	0	0.0	1	1.9	0	0.0	7	0.1
C49	Con. and soft tissue	55	1.2	9	0.8	3	1.1	0	0.0	2	0.6	2	3.9	0	0.0	71	1.1
C50	Breast	8	0.2	5	0.4	2	0.7	0	0.0	0	0.0	0	0.0	0	0.0	15	0.2
C60	Penis	37	0.8	0	0.0	1	0.4	0	0.0	0	0.0	0	0.0	1	2.1	39	0.6
C61	Prostate gland	200	4.4	27	2.4	14	5.1	2	0.9	0	0.0	4	7.8	0	0.0	247	3.7
C62	Testis	41	0.9	4	0.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	45	0.7
C63	Oth. male genital	2	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	0.0
C64-65	Kidney	65	1.4	14	1.2	7	2.6	0	0.0	0	0.0	2	3.9	0	0.0	88	1.3
C66-68	Urinary bladder	123	2.7	39	3.4	7	2.6	0	0.0	0	0.0	7	13.6	0	0.0	176	2.7
C69	Eye	3	0.1	2	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	0.1
C70-72	Brain	159	3.5	26	2.3	12	4.4	0	0.0	0	0.0	3	5.8	2	4.2	202	3.0
C73	Thyroid gland	33	0.7	11	1.0	5	1.8	0	0.0	0	0.0	0	0.0	0	0.0	49	0.7
C74-75	Oth. endocrine glands	8	0.2	3	0.3	0	0.0	0	0.0	0	0.0	0	0.0	1	2.1	12	0.2
C76	Oth. ill defined sites	19	0.4	5	0.4	2	0.7	0	0.0	0	0.0	1	1.9	0	0.0	27	0.4
C77	Lymph nodes	47	1.0	14	1.2	3	1.1	0	0.0	0	0.0	0	0.0	0	0.0	64	1.0
C78	Sec. respir & digest	37	0.8	15	1.3	1	0.4	0	0.0	0	0.0	1	1.9	0	0.0	54	0.8
C79	Sec. other	18	0.4	2	0.2	0	0.0	0	0.0	0	0.0	1	1.9	0	0.0	21	0.3
C80	Unknown primary	40	0.9	12	1.1	1	0.4	0	0.0	0	0.0	0	0.0	0	0.0	53	0.8
C81	Hodgkin Lymphoma	40	0.9	12	1.1	1	0.4	0	0.0	0	0.0	1	1.9	1	2.1	55	0.8
C82-85	Non hodgkin lymphoma	149	3.3	32	2.8	9	3.3	0	0.0	0	0.0	3	5.8	2	4.2	195	2.9
C90	Multiple myeloma	43	0.9	13	1.1	5	1.8	0	0.0	0	0.0	0	0.0	0	0.0	61	0.9
C91	Lymphoid leukemia	65	1.4	25	2.2	4	1.5	0	0.0	0	0.0	1	1.9	0	0.0	95	1.4
C92	Myeloid leukemia	86	1.9	21	1.9	4	1.5	2	0.9	0	0.0	2	3.9	0	0.0	115	1.7
C93-95	Other Leukemia	21	0.5	4	0.4	0	0.0	0	0.0	1	0.3	0	0.0	0	0.0	26	0.4
<b>Total</b>	<b>All sites</b>	<b>3432</b>	<b>75.3</b>	<b>750</b>	<b>66.3</b>	<b>234</b>	<b>85.8</b>	<b>17</b>	<b>7.6</b>	<b>10</b>	<b>2.8</b>	<b>63</b>	<b>122.1</b>	<b>14</b>	<b>29.2</b>	<b>4520</b>	<b>68.1</b>



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table D 2 : Incident Cases of Cancer by Religion and Site (ICD10) with Crude Rates per 100,000 Population, Greater Mumbai, 2001, Female**

ICD10	Site	Hindu		Muslim		Christian		Jain		Neo Bud		Parsi		Others		Total	
		N	CR	N	CR	N	CR	N	CR	N	CR	N	CR	N	CR	N	CR
C00	Lip	10	0.3	2	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	12	0.2
C01-02	Tongue	50	1.4	10	1.1	3	1.1	0	0.0	0	0.0	0	0.0	0	0.0	63	1.2
C03	Gum	30	0.8	3	0.3	2	0.8	0	0.0	1	0.3	0	0.0	0	0.0	36	0.7
C04-06	Other mouth	97	2.7	17	1.9	1	0.4	0	0.0	0	0.0	3	7.3	2	4.3	120	2.2
C07-08	Salivary gland	13	0.4	3	0.3	0	0.0	1	0.5	0	0.0	0	0.0	0	0.0	17	0.3
C09-10	Oropharynx	16	0.4	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	16	0.3
C11	Nasopharynx	7	0.2	2	0.2	2	0.8	0	0.0	0	0.0	0	0.0	0	0.0	11	0.2
C12-13	Hypopharynx	24	0.7	4	0.4	2	0.8	0	0.0	0	0.0	0	0.0	0	0.0	30	0.6
C14	Other oral	5	0.1	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	6	0.1
C15	Oesophagus	162	4.5	21	2.4	5	1.9	0	0.0	1	0.3	0	0.0	1	2.1	190	3.5
C16	Stomach	60	1.7	14	1.6	5	1.9	0	0.0	1	0.3	0	0.0	0	0.0	80	1.5
C17	Small intestine	7	0.2	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	8	0.1
C18	Colon	70	1.9	13	1.5	7	2.7	0	0.0	0	0.0	3	7.3	0	0.0	93	1.7
C19-21	Rectum	80	2.2	13	1.5	8	3.1	0	0.0	0	0.0	1	2.4	0	0.0	102	1.9
C22	Liver	68	1.9	7	0.8	7	2.7	0	0.0	0	0.0	1	2.4	0	0.0	83	1.5
C23-24	Gall bladder, bile	59	1.6	17	1.9	1	0.4	0	0.0	1	0.3	1	2.4	0	0.0	79	1.5
C25	Pancreas	55	1.5	6	0.7	6	2.3	0	0.0	0	0.0	2	4.9	1	2.1	70	1.3
C26	Other digestive org	5	0.1	2	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	0.1
C30-31	Nose, sinuses	21	0.6	3	0.3	4	1.5	0	0.0	0	0.0	0	0.0	0	0.0	28	0.5
C32	Larynx	22	0.6	6	0.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	28	0.5
C33-34	Lung	97	2.7	12	1.3	10	3.8	0	0.0	0	0.0	2	4.9	0	0.0	121	2.2
C37-38	Mediastinum, plura	13	0.4	2	0.2	0	0.0	0	0.0	0	0.0	1	2.4	0	0.0	16	0.3
C40-41	Bone	24	0.7	6	0.7	2	0.8	0	0.0	0	0.0	0	0.0	0	0.0	32	0.6
C43	Skin melanoma	4	0.1	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	0.1
C44	Skin other	26	0.7	5	0.6	2	0.8	0	0.0	1	0.3	0	0.0	0	0.0	34	0.6
C45	Mesothelioma	0	0.0	0	0.0	1	0.4	0	0.0	0	0.0	0	0.0	0	0.0	1	0.0
C46	Kaposi sarcoma	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C47	Nervous system	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C48	Retropertionium	7	0.2	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	8	0.1
C49	Con.and soft tissue	33	0.9	9	1.0	1	0.4	1	0.5	0	0.0	0	0.0	1	2.1	45	0.8
C50	Breast	921	25.5	178	19.9	68	26.1	7	3.4	5	1.6	32	78.1	1	2.1	1212	22.5
C53	Cervix uteri	507	14.0	92	10.3	17	6.5	3	1.4	8	2.5	1	2.4	4	8.5	632	11.7
C54	Corpus uteri	87	2.4	18	2.0	8	3.1	0	0.0	0	0.0	7	17.1	0	0.0	120	2.2
C55	Uterus	31	0.9	3	0.3	2	0.8	0	0.0	0	0.0	1	2.4	0	0.0	37	0.7
C56	Ovary	281	7.8	48	5.4	18	6.9	0	0.0	3	0.9	7	17.1	2	4.3	359	6.7
C51-52	Oth female genital	57	1.6	6	0.7	1	0.4	0	0.0	1	0.3	0	0.0	0	0.0	65	1.2
C64-65	Kidney	29	0.8	10	1.1	4	1.5	0	0.0	0	0.0	2	4.9	1	2.1	46	0.9
C66-68	Urinary bladder	26	0.7	5	0.6	2	0.8	0	0.0	2	0.6	1	2.4	0	0.0	36	0.7
C69	Eye	6	0.2	1	0.1	1	0.4	0	0.0	0	0.0	0	0.0	0	0.0	8	0.1
C70-72	Brain	94	2.6	19	2.1	3	1.1	1	0.5	0	0.0	2	4.9	1	2.1	120	2.2
C73	Thyroid gland	56	1.5	14	1.6	4	1.5	0	0.0	0	0.0	0	0.0	0	0.0	74	1.4
C74-75	Oth. endocrine glands	9	0.2	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	10	0.2
C76	Oth. ill defined sites	12	0.3	1	0.1	0	0.0	0	0.0	0	0.0	2	4.9	0	0.0	15	0.3
C77	Lymph nodes	27	0.7	3	0.3	1	0.4	0	0.0	0	0.0	0	0.0	0	0.0	31	0.6
C78	Sec. respir & digest	29	0.8	12	1.3	2	0.8	0	0.0	0	0.0	1	2.4	0	0.0	44	0.8
C79	Sec. other	14	0.4	2	0.2	1	0.4	0	0.0	0	0.0	0	0.0	0	0.0	17	0.3
C80	Unknown primary	22	0.6	6	0.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	28	0.5
C81	Hodgkin Lymphoma	19	0.5	7	0.8	1	0.4	0	0.0	0	0.0	0	0.0	0	0.0	27	0.5
C82-85	Non hodgkin lymphoma	77	2.1	21	2.4	6	2.3	0	0.0	0	0.0	1	2.4	1	2.1	106	2.0
C90	Multiple myeloma	31	0.9	8	0.9	1	0.4	0	0.0	0	0.0	1	2.4	0	0.0	41	0.8
C91	Lymphoid leukemia	45	1.2	8	0.9	2	0.8	0	0.0	0	0.0	0	0.0	0	0.0	55	1.0
C92	Myeloid leukemia	59	1.6	12	1.3	1	0.4	0	0.0	0	0.0	0	0.0	0	0.0	72	1.3
C93-95	Other Leukemia	20	0.6	4	0.4	1	0.4	0	0.0	0	0.0	1	2.4	0	0.0	26	0.5
<b>Total</b>	<b>All sites</b>	<b>3524</b>	<b>97.5</b>	<b>660</b>	<b>73.9</b>	<b>213</b>	<b>81.6</b>	<b>13</b>	<b>6.3</b>	<b>24</b>	<b>7.5</b>	<b>73</b>	<b>178.2</b>	<b>15</b>	<b>32.0</b>	<b>4522</b>	<b>84.0</b>



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table D 3 : Incident Cases of Cancer by Religion and Site (ICD10) with Crude Rates per 100,000 Population, Poona, 2001, Male**

ICD10	Site	Hindu		Muslim		Christian		Others		Total	
		N	CR	N	CR	N	CR	N	CR	N	CR
C00	Lip	5	0.3	0	0.0	0	0.0	1	0.6	6	0.3
C01-02	Tongue	34	2.1	7	3.9	1	2.0	2	1.2	44	2.2
C03	Gum	32	2.0	1	0.6	0	0.0	4	2.3	37	1.8
C04-06	Other mouth	50	3.1	5	2.8	0	0.0	7	4.0	62	3.1
C07-08	Salivary gland	5	0.3	1	0.6	0	0.0	1	0.6	7	0.3
C09-10	Oropharynx	19	1.2	2	1.1	1	2.0	0	0.0	22	1.1
C11	Nasopharynx	5	0.3	0	0.0	0	0.0	0	0.0	5	0.2
C12-13	Hypopharynx	28	1.7	1	0.6	1	2.0	2	1.2	32	1.6
C14	Other oral	4	0.2	0	0.0	0	0.0	0	0.0	4	0.2
C15	Oesophagus	51	3.2	8	4.5	1	2.0	6	3.5	66	3.3
C16	Stomach	45	2.8	1	0.6	1	2.0	3	1.7	50	2.5
C17	Small intestine	2	0.1	0	0.0	0	0.0	0	0.0	2	0.1
C18	Colon	27	1.7	4	2.2	1	2.0	0	0.0	32	1.6
C19-21	Rectum	31	1.9	3	1.7	3	5.9	3	1.7	40	2.0
C22	Liver	44	2.7	5	2.8	1	2.0	5	2.9	55	2.7
C23-24	Gall bladder, bile	10	0.6	0	0.0	0	0.0	2	1.2	12	0.6
C25	Pancreas	20	1.2	3	1.7	0	0.0	4	2.3	27	1.3
C26	Other digestive org	2	0.1	0	0.0	0	0.0	1	0.6	3	0.1
C30-31	Nose, sinuses	9	0.6	2	1.1	0	0.0	4	2.3	15	0.7
C32	Larynx	73	4.5	8	4.5	4	7.9	5	2.9	90	4.5
C33-34C	Lung	52	3.2	7	3.9	5	9.9	7	4.0	71	3.5
C37-38	Mediastinum, plura	4	0.2	0	0.0	0	0.0	0	0.0	4	0.2
C40-41	Bone	14	0.9	0	0.0	0	0.0	1	0.6	15	0.7
C43	Skin melanoma	4	0.2	0	0.0	0	0.0	1	0.6	5	0.2
C44	Skin other	14	0.9	1	0.6	1	2.0	2	1.2	18	0.9
C45	Mesothelioma	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C46	Kaposi sarcoma	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C47	Nervous system	5	0.3	0	0.0	0	0.0	0	0.0	5	0.2
C48	Retroperitoneum	2	0.1	1	0.6	0	0.0	0	0.0	3	0.1
C49	Con.and soft tissue	26	1.6	3	1.7	0	0.0	1	0.6	30	1.5
C50	Breast	6	0.4	1	0.6	1	2.0	0	0.0	8	0.4
C60	Penis	17	1.1	0	0.0	0	0.0	2	1.2	19	0.9
C61	Prostate gland	57	3.5	4	2.2	2	4.0	7	4.0	70	3.5
C62	Testis	10	0.6	0	0.0	1	2.0	1	0.6	12	0.6
C63	Oth. male genital	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C64-65	Kidney	19	1.2	1	0.6	2	4.0	3	1.7	25	1.2
C66-68	Urinary bladder	30	1.9	3	1.7	3	5.9	2	1.2	38	1.9
C69	Eye	5	0.3	0	0.0	0	0.0	0	0.0	5	0.2
C70-72	Brain	49	3.0	1	0.6	0	0.0	5	2.9	55	2.7
C73	Thyroid gland	10	0.6	2	1.1	1	2.0	0	0.0	13	0.6
C74-75	Oth. endocrine glands	4	0.2	0	0.0	0	0.0	0	0.0	4	0.2
C76	Oth. ill defined sites	2	0.1	0	0.0	0	0.0	0	0.0	2	0.1
C77	Lymph nodes	11	0.7	2	1.1	1	2.0	0	0.0	14	0.7
C78	Sec. respir & digest	11	0.7	1	0.6	0	0.0	2	1.2	14	0.7
C79	Sec. other	5	0.3	1	0.6	0	0.0	0	0.0	6	0.3
C80	Unknown primary	27	1.7	1	0.6	1	2.0	1	0.6	30	1.5
C81	Hodgkin Lymphoma	10	0.6	2	1.1	0	0.0	2	1.2	14	0.7
C82-85	Non hodgkin lymphoma	45	2.8	8	4.5	1	2.0	4	2.3	58	2.9
C90	Multiple myeloma	12	0.7	0	0.0	0	0.0	0	0.0	12	0.6
C91	Lymphoid leukemia	18	1.1	2	1.1	0	0.0	3	1.7	23	1.1
C92	Myeloid leukemia	19	1.2	1	0.6	1	2.0	2	1.2	23	1.1
C93-95	Other Leukemia	2	0.1	0	0.0	0	0.0	1	0.6	3	0.1
<b>Total</b>	<b>All sites</b>	<b>986</b>	<b>61.3</b>	<b>93</b>	<b>52.0</b>	<b>34</b>	<b>67.3</b>	<b>97</b>	<b>56.1</b>	<b>1210</b>	<b>60.2</b>



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table D 4: Incident Cases of Cancer by Religion and Site (ICD10) with Crude Rates per 100,000 Population, Poona, 2001, Female**

ICD10	Site	Hindu		Muslim		Christian		Others		Total	
		N	CR	N	CR	N	CR	N	CR	N	CR
C00	Lip	5	0.3	0	0.0	1	2.0	0	0.0	6	0.3
C01-02	Tongue	24	1.7	1	0.6	1	2.0	3	1.9	29	1.6
C03	Gum	23	1.6	1	0.6	0	0.0	1	0.6	25	1.4
C04-06	Other mouth	31	2.2	8	5.0	0	0.0	3	1.9	42	2.3
C07-08	Salivary gland	2	0.1	1	0.6	2	4.0	2	1.2	7	0.4
C09-10	Oropharynx	7	0.5	0	0.0	0	0.0	0	0.0	7	0.4
C11	Nasopharynx	3	0.2	0	0.0	0	0.0	0	0.0	3	0.2
C12-13	Hypopharynx	18	1.3	2	1.2	0	0.0	1	0.6	21	1.2
C14	Other oral	6	0.4	0	0.0	0	0.0	0	0.0	6	0.3
C15	Oesophagus	42	2.9	0	0.0	0	0.0	4	2.5	46	2.5
C16	Stomach	28	2.0	1	0.6	0	0.0	4	2.5	33	1.8
C17	Small intestine	4	0.3	0	0.0	0	0.0	0	0.0	4	0.2
C18	Colon	27	1.9	5	3.1	1	2.0	2	1.2	35	1.9
C19-21	Rectum	20	1.4	4	2.5	2	4.0	3	1.9	29	1.6
C22	Liver	19	1.3	2	1.2	0	0.0	1	0.6	22	1.2
C23-24	Gall bladder, bile	14	1.0	2	1.2	0	0.0	0	0.0	16	0.9
C25	Pancreas	11	0.8	1	0.6	0	0.0	0	0.0	12	0.7
C26	Other digestive org	1	0.1	1	0.6	0	0.0	0	0.0	2	0.1
C30-31	Nose, sinuses	8	0.6	3	1.9	1	2.0	0	0.0	12	0.7
C32	Larynx	6	0.4	4	2.5	0	0.0	2	1.2	12	0.7
C33-34	Lung	34	2.4	3	1.9	1	2.0	3	1.9	41	2.3
C37-38	Mediastinum, plura	1	0.1	0	0.0	0	0.0	0	0.0	1	0.1
C40-41	Bone	11	0.8	2	1.2	0	0.0	0	0.0	13	0.7
C43	Skin melanoma	6	0.4	0	0.0	0	0.0	0	0.0	6	0.3
C44	Skin other	14	1.0	0	0.0	0	0.0	0	0.0	14	0.8
C45	Mesothelioma	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C46	Kaposi sarcoma	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C47	Nervous system	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C48	Retroperitoneum	3	0.2	2	1.2	1	2.0	0	0.0	6	0.3
C49	Con. and soft tissue	16	1.1	4	2.5	1	2.0	1	0.6	22	1.2
C50	Breast	292	20.4	24	15.0	12	24.0	24	14.8	352	19.5
C53	Cervix uteri	231	16.1	15	9.4	4	8.0	18	11.1	268	14.8
C54	Corpus uteri	1	0.1	0	0.0	0	0.0	0	0.0	1	0.1
C55	Uterus	25	1.7	2	1.2	1	2.0	2	1.2	30	1.7
C56	Ovary	96	6.7	9	5.6	3	6.0	9	5.6	117	6.5
C51-52	Oth female genital	7	0.5	0	0.0	0	0.0	2	1.2	9	0.5
C64-65	Kidney	10	0.7	1	0.6	0	0.0	0	0.0	11	0.6
C66-68	Urinary bladder	5	0.3	0	0.0	0	0.0	0	0.0	5	0.3
C69	Eye	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C70-72	Brain	20	1.4	0	0.0	2	4.0	1	0.6	23	1.3
C73	Thyroid gland	14	1.0	1	0.6	0	0.0	1	0.6	16	0.9
C74-75	Oth. endocrine glands	3	0.2	0	0.0	0	0.0	1	0.6	4	0.2
C76	Oth. ill defined sites	1	0.1	0	0.0	0	0.0	0	0.0	1	0.1
C77	Lymph nodes	2	0.1	2	1.2	0	0.0	1	0.6	5	0.3
C78	Sec. respir & digest	6	0.4	2	1.2	1	2.0	2	1.2	11	0.6
C79	Sec. other	6	0.4	2	1.2	0	0.0	0	0.0	8	0.4
C80	Unknown primary	17	1.2	1	0.6	1	2.0	2	1.2	21	1.2
C81	Hodgkin Lymphoma	6	0.4	1	0.6	1	2.0	2	1.2	10	0.6
C82-85	Non hodgkin lymphoma	41	2.9	4	2.5	4	8.0	3	1.9	52	2.9
C90	Multiple myeloma	9	0.6	0	0.0	3	6.0	1	0.6	13	0.7
C91	Lymphoid leukemia	11	0.8	0	0.0	0	0.0	2	1.2	13	0.7
C92	Myeloid leukemia	14	1.0	1	0.6	0	0.0	1	0.6	16	0.9
C93-95	Other Leukemia	3	0.2	3	1.9	0	0.0	0	0.0	6	0.3
<b>Total</b>	<b>All sites</b>	<b>1204</b>	<b>84.0</b>	<b>115</b>	<b>71.7</b>	<b>43</b>	<b>85.8</b>	<b>102</b>	<b>63.0</b>	<b>1464</b>	<b>81.1</b>



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table D 5 : Incident Cases of Cancer by Religion and Site (ICD10) with Crude Rates per 100,000 Population, Nagpur, 2001, Male**

ICD10	Site	Hindu		Muslim		Christian		Others		Total	
		N	CR	N	CR	N	CR	N	CR	N	CR
C00	Lip	6	0.8	0	0.0	0	0.0	1	0.5	7	0.6
C01-02	Tongue	45	5.7	4	3.5	1	8.5	6	3.2	56	5.1
C03	Gum	12	1.5	5	4.4	0	0.0	2	1.1	19	1.7
C04-06	Other mouth	27	3.4	2	1.8	1	8.5	1	0.5	31	2.8
C07-08	Salivary gland	3	0.4	0	0.0	0	0.0	0	0.0	3	0.3
C09-10	Oropharynx	22	2.8	1	0.9	0	0.0	3	1.6	26	2.4
C11	Nasopharynx	1	0.1	1	0.9	0	0.0	0	0.0	2	0.2
C12-13	Hypopharynx	15	1.9	1	0.9	0	0.0	3	1.6	19	1.7
C14	Other oral	6	0.8	0	0.0	0	0.0	0	0.0	6	0.5
C15	Oesophagus	50	6.3	4	3.5	0	0.0	3	1.6	57	5.2
C16	Stomach	30	3.8	1	0.9	0	0.0	1	0.5	32	2.9
C17	Small intestine	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C18	Colon	19	2.4	0	0.0	0	0.0	2	1.1	21	1.9
C19-21	Rectum	26	3.3	1	0.9	0	0.0	1	0.5	28	2.5
C22	Liver	9	1.1	0	0.0	0	0.0	1	0.5	10	0.9
C23-24	Gall bladder, bile	8	1.0	0	0.0	0	0.0	1	0.5	9	0.8
C25	Pancreas	12	1.5	0	0.0	0	0.0	1	0.5	13	1.2
C26	Other digestive org	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C30-31	Nose, sinuses	13	1.6	1	0.9	0	0.0	0	0.0	14	1.3
C32	Larynx	61	7.7	5	4.4	0	0.0	4	2.2	70	6.4
C33-34	Lung	49	6.2	3	2.6	0	0.0	3	1.6	55	5.0
C37-38	Mediastinum, plura	1	0.1	0	0.0	0	0.0	0	0.0	1	0.1
C40-41	Bone	13	1.6	0	0.0	0	0.0	0	0.0	13	1.2
C43	Skin melanoma	5	0.6	0	0.0	0	0.0	0	0.0	5	0.5
C44	Skin other	16	2.0	1	0.9	0	0.0	0	0.0	17	1.5
C45	Mesothelioma	1	0.1	0	0.0	0	0.0	0	0.0	1	0.1
C46	Kaposi sarcoma	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C47	Nervous system	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C48	Retroperitoneum	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C49	Con. and soft tissue	13	1.6	0	0.0	0	0.0	2	1.1	15	1.4
C50	Breast	6	0.8	1	0.9	1	8.5	0	0.0	8	0.7
C60	Penis	8	1.0	0	0.0	0	0.0	0	0.0	8	0.7
C61	Prostate gland	19	2.4	1	0.9	0	0.0	0	0.0	20	1.8
C62	Testis	9	1.1	0	0.0	0	0.0	2	1.1	11	1.0
C63	Oth. male genital	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C64-65	Kidney	9	1.1	3	2.6	0	0.0	1	0.5	13	1.2
C66-68	Urinary bladder	14	1.8	3	2.6	0	0.0	1	0.5	18	1.6
C69	Eye	5	0.6	0	0.0	0	0.0	0	0.0	5	0.5
C70-72	Brain	25	3.2	3	2.6	1	8.5	2	1.1	31	2.8
C73	Thyroid gland	6	0.8	0	0.0	0	0.0	0	0.0	6	0.5
C74-75	Oth. endocrine glands	1	0.1	0	0.0	0	0.0	0	0.0	1	0.1
C76	Oth. ill defined sites	1	0.1	0	0.0	0	0.0	0	0.0	1	0.1
C77	Lymph nodes	11	1.4	0	0.0	0	0.0	3	1.6	14	1.3
C78	Sec. respir & digest	13	1.6	3	2.6	0	0.0	0	0.0	16	1.5
C79	Sec. other	3	0.4	0	0.0	0	0.0	0	0.0	3	0.3
C80	Unknown primary	47	5.9	15	13.2	1	8.5	6	3.2	69	6.3
C81	Hodgkin Lymphoma	11	1.4	1	0.9	0	0.0	0	0.0	12	1.1
C82-85	Non hodgkin lymphoma	38	4.8	3	2.6	0	0.0	1	0.5	42	3.8
C90	Multiple myeloma	8	1.0	3	2.6	0	0.0	1	0.5	12	1.1
C91	Lymphoid leukemia	23	2.9	1	0.9	0	0.0	0	0.0	24	2.2
C92	Myeloid leukemia	32	4.0	2	1.8	0	0.0	1	0.5	35	3.2
C93-95	Other Leukemia	5	0.6	0	0.0	0	0.0	0	0.0	5	0.5
<b>Total</b>	<b>All sites</b>	<b>757</b>	<b>95.8</b>	<b>69</b>	<b>60.7</b>	<b>5</b>	<b>42.5</b>	<b>53</b>	<b>28.5</b>	<b>884</b>	<b>80.2</b>



# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table D 6 Incident Cases of Cancer by Religion and Site (ICD10) with Crude Rates per 100,000 Population, Nagpur, 2001, Female**

ICD10	Site	Hindu		Muslim		Christian		Others		Total	
		N	CR	N	CR	N	CR	N	CR	N	CR
C00	Lip	1	0.1	0	0.0	0	0.0	0	0.0	1	0.1
C01-02	Tongue	6	0.8	1	0.9	0	0.0	0	0.0	7	0.7
C03	Gum	9	1.2	0	0.0	0	0.0	1	0.6	10	1.0
C04-06	Other mouth	16	2.2	1	0.9	0	0.0	0	0.0	17	1.7
C07-08	Salivary gland	0	0.0	0	0.0	0	0.0	1	0.6	1	0.1
C09-10	Oropharynx	2	0.3	1	0.9	0	0.0	0	0.0	3	0.3
C11	Nasopharynx	2	0.3	0	0.0	0	0.0	1	0.6	3	0.3
C12-13	Hypopharynx	7	1.0	1	0.9	0	0.0	1	0.6	9	0.9
C14	Other oral	1	0.1	0	0.0	0	0.0	0	0.0	1	0.1
C15	Oesophagus	31	4.2	2	1.9	0	0.0	4	2.2	37	3.6
C16	Stomach	12	1.6	0	0.0	1	8.7	1	0.6	14	1.4
C17	Small intestine	1	0.1	0	0.0	0	0.0	0	0.0	1	0.1
C18	Colon	19	2.6	1	0.9	0	0.0	0	0.0	20	1.9
C19-21	Rectum	14	1.9	1	0.9	0	0.0	2	1.1	17	1.7
C22	Liver	6	0.8	0	0.0	0	0.0	1	0.6	7	0.7
C23-24	Gall bladder, bile	8	1.1	0	0.0	0	0.0	1	0.6	9	0.9
C25	Pancreas	4	0.5	0	0.0	0	0.0	1	0.6	5	0.5
C26	Other digestive org	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C30-31	Nose, sinuses	3	0.4	1	0.9	0	0.0	1	0.6	5	0.5
C32	Larynx	14	1.9	0	0.0	0	0.0	0	0.0	14	1.4
C33-34	Lung	15	2.1	2	1.9	0	0.0	3	1.7	20	1.9
C37-38	Mediastinum, plura	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C40-41	Bone	3	0.4	2	1.9	0	0.0	0	0.0	5	0.5
C43	Skin melanoma	2	0.3	0	0.0	0	0.0	0	0.0	2	0.2
C44	Skin other	5	0.7	0	0.0	1	8.7	0	0.0	6	0.6
C45	Mesothelioma	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C46	Kaposi sarcoma	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C47	Nervous system	1	0.1	0	0.0	0	0.0	0	0.0	1	0.1
C48	Retroperitoneum	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C49	Con. and soft tissue	9	1.2	0	0.0	0	0.0	1	0.6	10	1.0
C50	Breast	232	31.7	10	9.4	2	17.3	16	9.0	260	25.3
C53	Cervix uteri	149	20.4	2	1.9	0	0.0	12	6.7	163	15.9
C54	Corpus uteri	3	0.4	0	0.0	0	0.0	0	0.0	3	0.3
C55	Uterus	16	2.2	0	0.0	2	17.3	0	0.0	18	1.8
C56	Ovary	56	7.7	1	0.9	0	0.0	4	2.2	61	5.9
C51-52	Oth female genital	7	1.0	0	0.0	0	0.0	1	0.6	8	0.8
C64-65	Kidney	6	0.8	1	0.9	0	0.0	0	0.0	7	0.7
C66-68	Urinary bladder	7	1.0	0	0.0	0	0.0	2	1.1	9	0.9
C69	Eye	2	0.3	0	0.0	0	0.0	0	0.0	2	0.2
C70-72	Brain	22	3.0	1	0.9	0	0.0	1	0.6	24	2.3
C73	Thyroid gland	2	0.3	1	0.9	0	0.0	1	0.6	4	0.4
C74-75	Oth. endocrine glands	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C76	Oth. ill defined sites	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C77	Lymph nodes	3	0.4	0	0.0	0	0.0	0	0.0	3	0.3
C78	Sec. respir & digest	10	1.4	1	0.9	0	0.0	0	0.0	11	1.1
C79	Sec. other	4	0.5	0	0.0	0	0.0	0	0.0	4	0.4
C80	Unknown primary	44	6.0	5	4.7	0	0.0	1	0.6	50	4.9
C81	Hodgkin Lymphoma	4	0.5	0	0.0	0	0.0	1	0.6	5	0.5
C82-85	Non hodgkin lymphoma	17	2.3	1	0.9	0	0.0	1	0.6	19	1.8
C90	Multiple myeloma	1	0.1	0	0.0	0	0.0	0	0.0	1	0.1
C91	Lymphoid leukemia	7	1.0	1	0.9	0	0.0	0	0.0	8	0.8
C92	Myeloid leukemia	17	2.3	0	0.0	0	0.0	0	0.0	17	1.7
C93-95	Other Leukemia	5	0.7	1	0.9	1	8.7	0	0.0	7	0.7
<b>Total</b>	<b>All sites</b>	<b>805</b>	<b>110.1</b>	<b>38</b>	<b>35.6</b>	<b>8</b>	<b>69.2</b>	<b>59</b>	<b>33.2</b>	<b>910</b>	<b>88.6</b>





# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

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**Table D 7 Incident Cases of Cancer by Religion and Site (ICD10) with Crude Rates per 100,000 Population, Aurangabad, 2001, Male**

ICD10	Site	Hindu		Muslim		Others		Total	
		N	CR	N	CR	N	CR	N	CR
C00	Lip	0	0.0	0	0.0	0	0.0	0	0.0
C01-02	Tongue	7	2.8	3	2.2	0	0.0	10	2.1
C03	Gum	4	1.6	0	0.0	0	0.0	4	0.9
C04-06	Other mouth	8	3.2	4	2.9	0	0.0	12	2.6
C07-08	Salivary gland	1	0.4	0	0.0	0	0.0	1	0.2
C09-10	Oropharynx	5	2.0	2	1.4	1	1.3	8	1.7
C11	Nasopharynx	0	0.0	0	0.0	0	0.0	0	0.0
C12-13	Hypopharynx	14	5.6	4	2.9	0	0.0	18	3.8
C14	Other oral	1	0.4	0	0.0	0	0.0	1	0.2
C15	Oesophagus	20	7.9	1	0.7	0	0.0	21	4.5
C16	Stomach	4	1.6	1	0.7	0	0.0	5	1.1
C17	Small intestine	0	0.0	0	0.0	0	0.0	0	0.0
C18	Colon	0	0.0	1	0.7	0	0.0	1	0.2
C19-21	Rectum	4	1.6	0	0.0	0	0.0	4	0.9
C22	Liver	8	3.2	1	0.7	0	0.0	9	1.9
C23-24	Gall bladder, bile	0	0.0	0	0.0	0	0.0	0	0.0
C25	Pancreas	1	0.4	0	0.0	0	0.0	1	0.2
C26	Other digestive org	0	0.0	0	0.0	0	0.0	0	0.0
C30-31	Nose, sinuses	0	0.0	0	0.0	0	0.0	0	0.0
C32	Larynx	6	2.4	1	0.7	0	0.0	7	1.5
C33-34C	Lung	10	4.0	5	3.6	0	0.0	15	3.2
C37-38	Mediastinum, plura	4	1.6	0	0.0	0	0.0	4	0.9
C40-41	Bone	1	0.4	1	0.7	0	0.0	2	0.4
C43	Skin melanoma	0	0.0	0	0.0	0	0.0	0	0.0
C44	Skin other	0	0.0	0	0.0	0	0.0	0	0.0
C45	Mesothelioma	0	0.0	0	0.0	0	0.0	0	0.0
C46	Kaposi sarcoma	0	0.0	0	0.0	0	0.0	0	0.0
C47	Nervous system	0	0.0	0	0.0	0	0.0	0	0.0
C48	Retroperitoneum	0	0.0	0	0.0	0	0.0	0	0.0
C49	Con. and soft tissue	2	0.8	3	2.2	0	0.0	5	1.1
C50	Breast	2	0.8	1	0.7	0	0.0	3	0.6
C60	Penis	1	0.4	0	0.0	0	0.0	1	0.2
C61	Prostate gland	3	1.2	3	2.2	0	0.0	6	1.3
C62	Testis	2	0.8	1	0.7	0	0.0	3	0.6
C63	Oth. male genital	0	0.0	0	0.0	0	0.0	0	0.0
C64-65	Kidney	3	1.2	1	0.7	0	0.0	4	0.9
C66-68	Urinary bladder	0	0.0	0	0.0	0	0.0	0	0.0
C69	Eye	0	0.0	1	0.7	0	0.0	1	0.2
C70-72	Brain	3	1.2	2	1.4	0	0.0	5	1.1
C73	Thyroid gland	1	0.4	1	0.7	0	0.0	2	0.4
C74-75	Oth. endocrine glands	0	0.0	0	0.0	0	0.0	0	0.0
C76	Oth. ill defined sites	0	0.0	0	0.0	0	0.0	0	0.0
C77	Lymph nodes	0	0.0	1	0.7	0	0.0	1	0.2
C78	Sec. respir & digest	0	0.0	0	0.0	0	0.0	0	0.0
C79	Sec. other	0	0.0	0	0.0	0	0.0	0	0.0
C80	Unknown primary	8	3.2	1	0.7	0	0.0	9	1.9
C81	Hodgkin Lymphoma	4	1.6	1	0.7	0	0.0	5	1.1
C82-85	Non hodgkin lymphoma	4	1.6	0	0.0	0	0.0	4	0.9
C90	Multiple myeloma	1	0.4	0	0.0	0	0.0	1	0.2
C91	Lymphoid leukemia	2	0.8	0	0.0	0	0.0	2	0.4
C92	Myeloid leukemia	1	0.4	1	0.7	0	0.0	2	0.4
C93-95	Other Leukemia	0	0.0	0	0.0	0	0.0	0	0.0
<b>Total</b>	<b>All sites</b>	<b>135</b>	<b>53.6</b>	<b>41</b>	<b>29.7</b>	<b>1</b>	<b>1.3</b>	<b>177</b>	<b>37.7</b>





# CANCER INCIDENCE AND PATTERNS IN URBAN MAHARASHTRA

Consolidated Report of the Population Based Cancer Registries



**Table D8: Incident Cases of Cancer by Religion and Site (ICD10) with Crude Rates per 100,000 Population, Aurangabad, 2001, Female**

ICD10	Site	Hindu		Muslim		Others		Total	
		N	CR	N	CR	N	CR	N	CR
C00	Lip	0	0.0	0	0.0	0	0.0	0	0.0
C01-02	Tongue	1	0.4	3	2.4	1	1.5	5	1.2
C03	Gum	3	1.3	0	0.0	0	0.0	3	0.7
C04-06	Other mouth	4	1.8	5	3.9	0	0.0	9	2.1
C07-08	Salivary gland	0	0.0	0	0.0	0	0.0	0	0.0
C09-10	Oropharynx	0	0.0	0	0.0	0	0.0	0	0.0
C11	Nasopharynx	0	0.0	1	0.8	0	0.0	1	0.2
C12-13	Hypopharynx	2	0.9	0	0.0	0	0.0	2	0.5
C14	Other oral	0	0.0	0	0.0	0	0.0	0	0.0
C15	Oesophagus	9	4.0	2	1.6	0	0.0	11	2.6
C16	Stomach	0	0.0	0	0.0	0	0.0	0	0.0
C17	Small intestine	0	0.0	0	0.0	0	0.0	0	0.0
C18	Colon	0	0.0	2	1.6	0	0.0	2	0.5
C19-21	Rectum	1	0.4	1	0.8	0	0.0	2	0.5
C22	Liver	3	1.3	0	0.0	0	0.0	3	0.7
C23-24	Gall bladder, bile	0	0.0	0	0.0	0	0.0	0	0.0
C25	Pancreas	0	0.0	0	0.0	0	0.0	0	0.0
C26	Other digestive org	0	0.0	0	0.0	0	0.0	0	0.0
C30-31	Nose, sinuses	2	0.9	0	0.0	0	0.0	2	0.5
C32	Larynx	0	0.0	0	0.0	0	0.0	0	0.0
C33-34	Lung	8	3.6	0	0.0	0	0.0	8	1.9
C37-38	Mediastinum, plura	3	1.3	3	2.4	0	0.0	6	1.4
C40-41	Bone	1	0.4	0	0.0	0	0.0	1	0.2
C43	Skin melanoma	0	0.0	0	0.0	0	0.0	0	0.0
C44	Skin other	1	0.4	2	1.6	0	0.0	3	0.7
C45	Mesothelioma	0	0.0	0	0.0	0	0.0	0	0.0
C46	Kaposi sarcoma	0	0.0	0	0.0	0	0.0	0	0.0
C47	Nervous system	0	0.0	0	0.0	0	0.0	0	0.0
C48	Retroperitoneum	0	0.0	0	0.0	0	0.0	0	0.0
C49	Con. and soft tissue	6	2.7	1	0.8	0	0.0	7	1.7
C50	Breast	42	18.9	6	4.7	0	0.0	48	11.3
C53	Cervix uteri	25	11.2	7	5.5	2	2.9	34	8.0
C54	Corpus uteri	4	1.8	0	0.0	1	1.5	5	1.2
C55	Uterus	0	0.0	0	0.0	0	0.0	0	0.0
C56	Ovary	5	2.2	1	0.8	0	0.0	6	1.4
C51-52	Oth female genital	0	0.0	0	0.0	0	0.0	0	0.0
C64-65	Kidney	2	0.9	0	0.0	0	0.0	2	0.5
C66-68	Urinary bladder	1	0.4	0	0.0	0	0.0	1	0.2
C69	Eye	0	0.0	0	0.0	0	0.0	0	0.0
C70-72	Brain	1	0.4	1	0.8	0	0.0	2	0.5
C73	Thyroid gland	1	0.4	1	0.8	0	0.0	2	0.5
C74-75	Oth. endocrine glands	0	0.0	0	0.0	0	0.0	0	0.0
C76	Oth. ill defined sites	0	0.0	0	0.0	0	0.0	0	0.0
C77	Lymph nodes	0	0.0	0	0.0	0	0.0	0	0.0
C78	Sec. respir & digest	0	0.0	0	0.0	0	0.0	0	0.0
C79	Sec. other	0	0.0	0	0.0	0	0.0	0	0.0
C80	Unknown primary	5	2.2	1	0.8	0	0.0	6	1.4
C81	Hodgkin Lymphoma	0	0.0	0	0.0	0	0.0	0	0.0
C82-85	Non hodgkin lymphoma	1	0.4	0	0.0	0	0.0	1	0.2
C90	Multiple myeloma	1	0.4	0	0.0	0	0.0	1	0.2
C91	Lymphoid leukemia	0	0.0	4	3.1	0	0.0	4	0.9
C92	Myeloid leukemia	2	0.9	0	0.0	0	0.0	2	0.5
C93-95	Other Leukemia	0	0.0	1	0.8	0	0.0	1	0.2
<b>Total</b>	<b>All sites</b>	<b>134</b>	<b>60.2</b>	<b>42</b>	<b>32.9</b>	<b>4</b>	<b>5.9</b>	<b>180</b>	<b>42.5</b>



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