

# **Union Territory of Chandigarh and Haryana State**

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## STATES AND U.T. IN THE NORTHERN REGION

### UNION TERRITORY OF CHANDIGARH

Cancer of the lung was the leading site of cancer in males followed by non-Hodgkin's Lymphoma, cancer of the prostate, urinary bladder and kidney. *The leading sites observed here are slightly different from that seen in other parts of the country where cancers of sites associated with use of tobacco are predominant among the first five leading sites.* Cancer of the breast is the leading site of cancer in women with a MAAR of 39.5/100,000, which is higher than the AAR of this site of cancer seen in any of the PBCRs under the NCRP. Cancer of the cervix followed cancer of the breast as the second leading site of cancer. Cancer of the gall bladder is the fourth leading site of cancer with a MAAR of 6.4/100,000. [Fig. 5.72(c)]. The sister departments of histo-pathology and cytology at the PGIMER at Chandigarh accounted for most of the cases seen in this union territory. [Table 5.72(b)].

### HARYANA STATE

The summary table of cancer incidence is tabulated for Panchkula and Ambala districts in this state.

In both districts cancers of sites associated with use of tobacco, like, tongue, lung, larynx, oesophagus and urinary bladder were among the leading sites. The other sites of cancer that were part of the ten leading sites were, non-Hodgkin's lymphoma, cancer of the prostate and penis. In women, cancer of the breast was the most common in both districts accounting for 35% and 27.7% of cancers in women, respectively in Panchkula and Ambala. Cancer of the cervix followed cancer of the breast in these two districts, as the leading sites of cancer. Cancer of the gall bladder was the eighth leading site in Panchkula and ninth leading site of cancer in Ambala. [Figs. 5.73(c) & 5.74(c)].

## 5.72. UNION TERRITORY OF CHANDIGARH

(Code 0401)

**TABLE 5.72(a) : Profile of Chandigarh (2001 Census)**

Area (in sq. kms.)	114.0
Decadal Growth Rate (1991-2001)	40.33%
Literacy Rate	
Males	85.65%
Females	76.65%
Sex Ratio (females per 1000 males)	773
Density (persons per sq. km)	7903

Source: NCRP, Bangalore



**FIGURE 5.72(a) : Map of India highlighting Union Territory of Chandigarh**

**FIGURE 5.72(b) : Map of Union Territory of Chandigarh**

**TABLE 5.72(b) : Centrewise Distribution of Cancers**

Number (#) and Relative Proportion (%)

Year	2001		2002		2001 - 2002	
	#	%	#	%	#	%
PGIMR (Cytology), Chandigarh (76)	54	48.2	389	60.2	443	58.4
PGIMR (Histopathology), Chandigarh (111)	39	34.8	237	36.7	276	36.4
HBCR - Mumbai (1008)	16	14.3	9	1.4	25	3.3
All Other Centres	3	2.7	11	1.7	14	1.8
<b>Total Cancers</b>	<b>112</b>	<b>100.0</b>	<b>646</b>	<b>100.0</b>	<b>758</b>	<b>100.0</b>

Source: NCRP, Bangalore

**TABLE 5.72(c) : Salient features of Cancer Incidence (2002)**

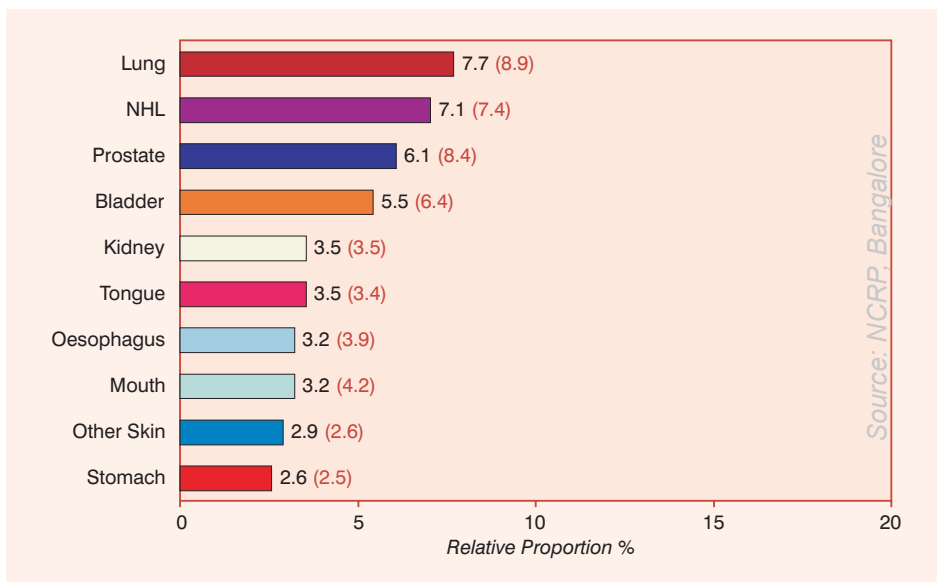
	<b>Males</b>	<b>Females</b>
Estimated Population	5,23,707	4,03,491
Total Cancers (All sites)	312	333
Min. Crude IR	59.6	82.5
Min. Age Adjusted IR	106.7	148.0
Min. Truncated IR	154.7	317.9

Source: NCRP, Bangalore

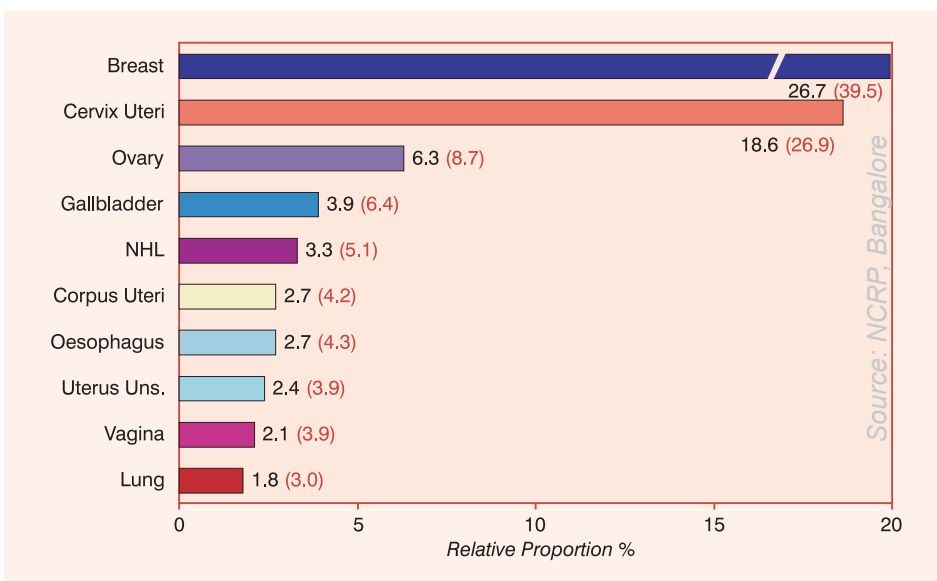
Min. = Minimum IR = Incidence Rate / 100,000

**FIGURE 5.72(c) : Ten Leading Sites of Cancer (2002)**  
(Minimum Age Adjusted Incidence Rates given in parentheses)

**Males**



**Females**



## 5.73. PANCHKULA DISTRICT, Haryana State

(Code 0601)

**TABLE 5.73(a) : Profile of Panchkula District  
(2001 Census)**

Area (in sq. kms.)	898.0
Decadal Growth Rate (1991-2001)	51.16%
Literacy Rate	
Males	82.74%
Females	68.98%
Sex Ratio (females per 1000 males)	823
Density (persons per sq. km)	523

Source: NCRP, Bangalore

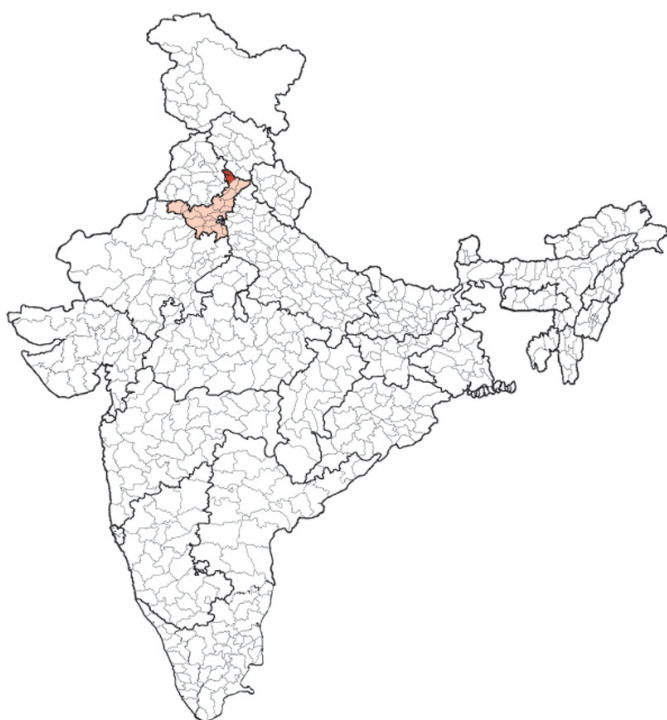


FIGURE 5.73(a) : Map of India highlighting Haryana State



FIGURE 5.73(b) : Map of Haryana State highlighting Panchkula District

**TABLE 5.73(b) : Centrewise Distribution of Cancers**

Number (#) and Relative Proportion (%)

Year	2001		2002		2001 - 2002	
	#	%	#	%	#	%
<b>Centre</b> (with code in parentheses)						
PGIMR (Cytology), Chandigarh (76)	4	30.8	131	53.0	135	51.9
PGIMR (Histopathology), Chandigarh (111)	4	30.8	113	45.7	117	45.0
HBCR - Mumbai (1008)	3	23.1	1	0.4	4	1.5
All Other Centres	2	15.4	2	0.8	4	1.5
<b>Total Cancers</b>	<b>13</b>	<b>100.0</b>	<b>247</b>	<b>100.0</b>	<b>260</b>	<b>100.0</b>

Source: NCRP, Bangalore

**TABLE 5.73(c) : Salient features of Cancer Incidence (2002)**

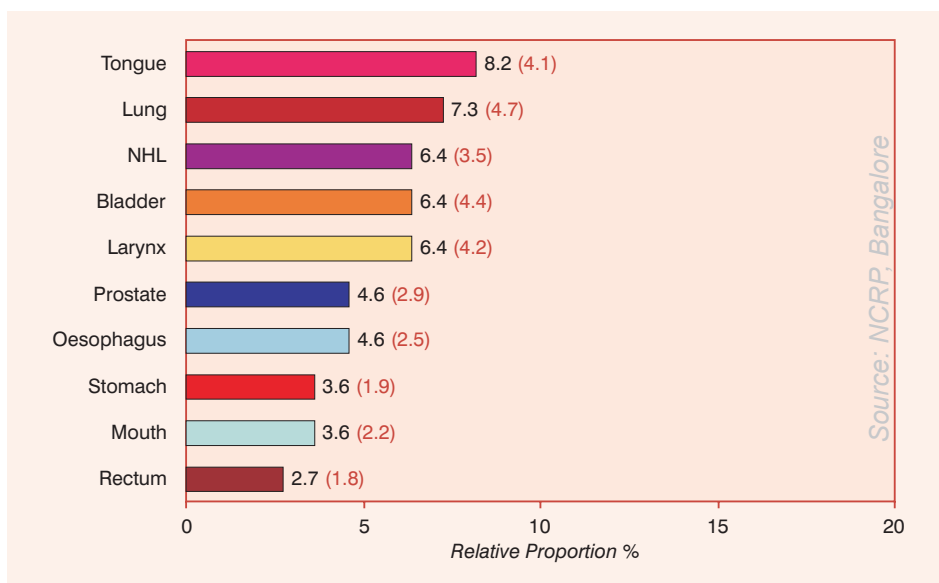
	<b>Males</b>	<b>Females</b>
Estimated Population	2,65,598	2,17,789
Total Cancers (All sites)	110	137
Min. Crude IR	41.4	62.9
Min. Age Adjusted IR	58.0	92.9
Min. Truncated IR	132.1	237.9

Source: NCRP, Bangalore

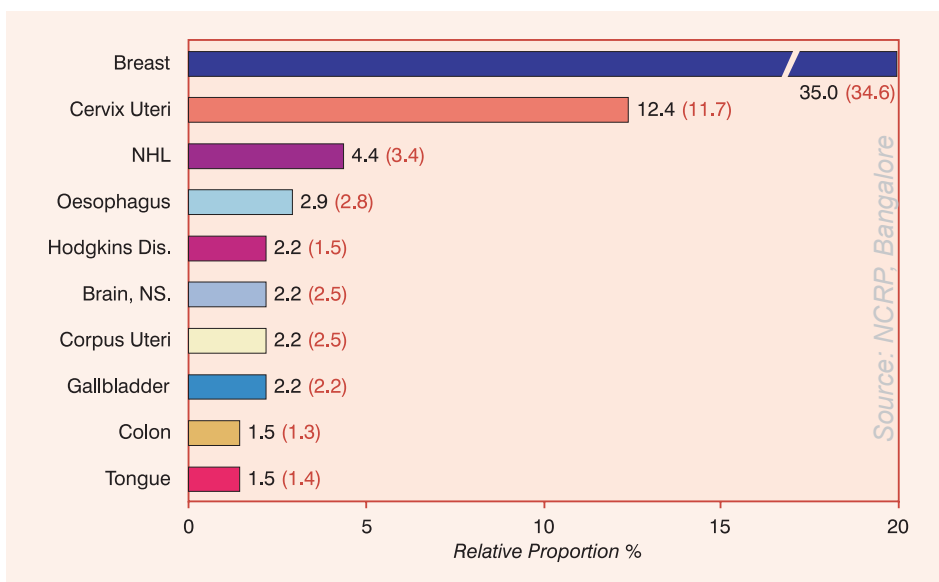
Min. = Minimum IR = Incidence Rate / 100,000

**FIGURE 5.73(c) : Ten Leading Sites of Cancer (2002)**  
(Minimum Age Adjusted Incidence Rates given in parentheses)

**Males**



**Females**



## 5.74. AMBALA DISTRICT, Haryana State

(Code 0602)

**TABLE 5.74(a) : Profile of Ambala District (2001 Census)**

Area (in sq. kms.)	1,574.0
Decadal Growth Rate (1991-2001)	25.69%
Literacy Rate	
Males	83.01%
Females	68.48%
Sex Ratio (females per 1000 males)	869
Density (persons per sq. km)	644

Source: NCRP, Bangalore



FIGURE 5.74(a) : Map of India highlighting Haryana State



FIGURE 5.74(b) : Map of Haryana State highlighting Ambala District

**TABLE 5.74(b) : Centrewise Distribution of Cancers**  
Number (#) and Relative Proportion (%)

Year	2001		2002		2001 - 2002	
	#	%	#	%	#	%
Centre (with code in parentheses)						
PGIMR (Histopathology), Chandigarh (111)	7	17.9	138	49.8	145	45.9
PGIMR (Cytology), Chandigarh (76)	19	48.7	111	40.1	130	41.2
Government Medical College, Patiala (75)	5	12.8	9	3.2	14	4.4
Acharya Tulsi RCC, Bikaner (87)	3	7.7	8	2.9	11	3.5
MD Oswal Cancer Centre, Ludhiana (2)	1	2.6	6	2.2	7	2.2
All Other Centres	4	10.3	5	1.8	9	2.8
<b>Total Cancers</b>	<b>39</b>	<b>100.0</b>	<b>277</b>	<b>100.0</b>	<b>316</b>	<b>100.0</b>

Source: NCRP, Bangalore

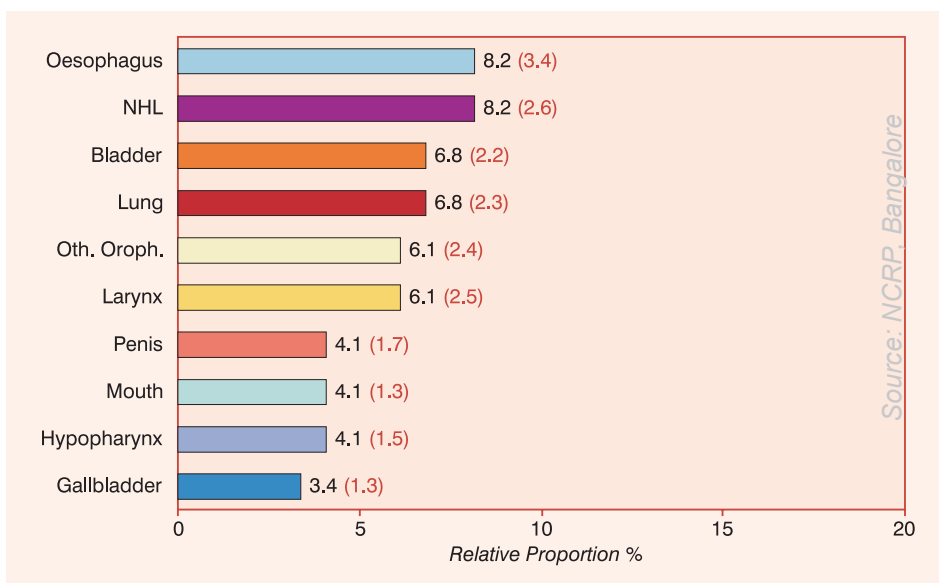
**TABLE 5.74(c) : Salient features of Cancer Incidence (2002)**

	Males	Females
Estimated Population	5,59,733	4,83,881
Total Cancers (All sites)	147	130
Min. Crude IR	26.3	26.9
Min. Age Adjusted IR	36.4	37.8
Min. Truncated IR	82.2	98.8

Min. = Minimum IR = Incidence Rate / 100,000

**FIGURE 5.74(c) : Ten Leading Sites of Cancer (2002)**  
(Minimum Age Adjusted Incidence Rates given in parentheses)

**Males**



**Females**

