

## **Rajasthan State**

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## RAJASTHAN STATE

Figure 5(U) gives the Map of India highlighting Rajasthan State and Figure 5(V) gives the Map of Rajasthan State highlighting the Districts where the MAAR was above 36.2 /100,000. These districts in descending order of MAAR were Bikaner, Ajmer and Jaipur.

### Bikaner District

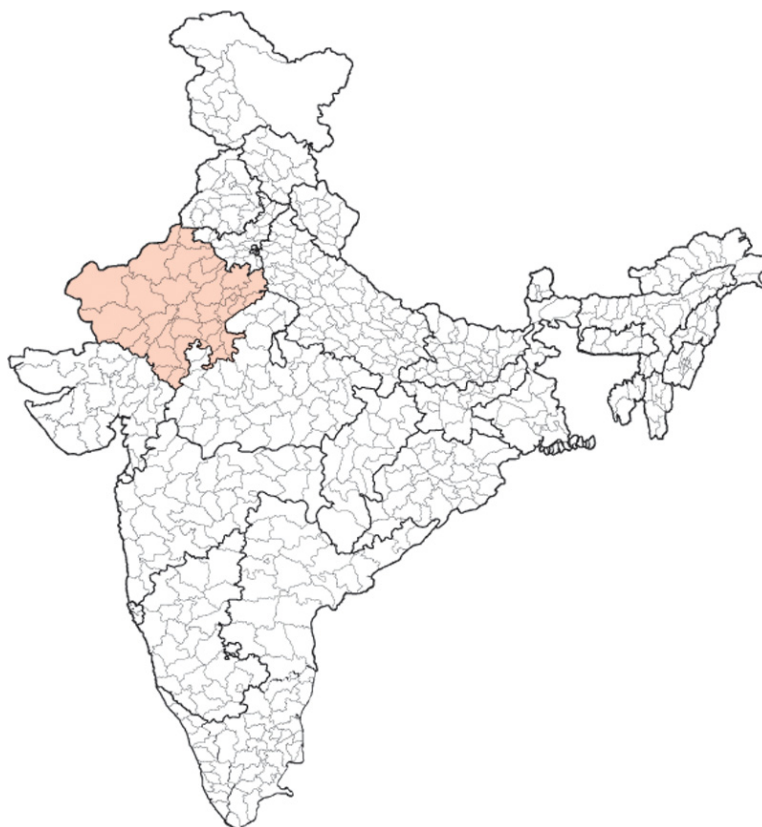
As in Jaipur district, cancer of the lung, oesophagus, mouth and tongue were the four leading sites of cancer in that order in males. In females cancer of the breast was the most common followed by cancer of the cervix and oesophagus. Cancer of the gall bladder was the fifth leading site of cancer in women. [Fig. 5.80(c)]. Majority of the cancers from this district was registered at the Acharya Tulsi Regional Cancer Centre at Bikaner. [Table 5.80(b)].

### Ajmer District

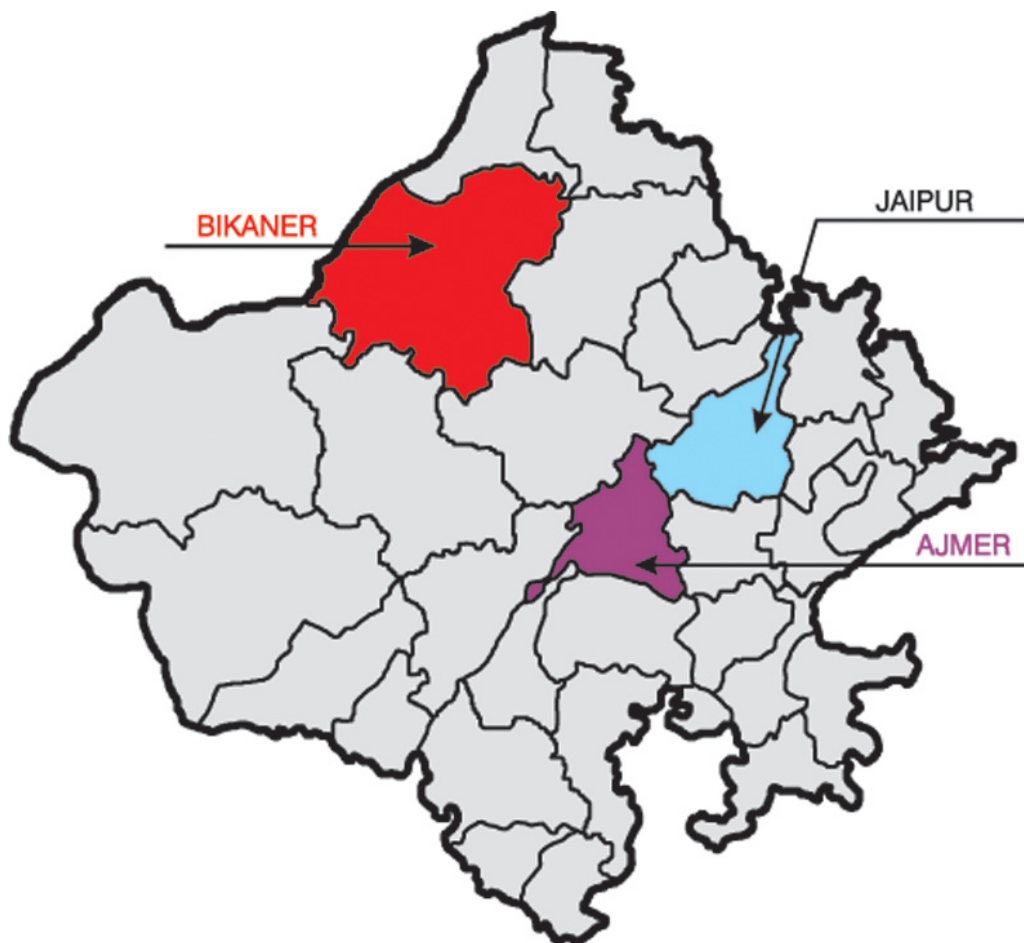
The first five leading sites of cancer in males were once again tobacco related cancers, viz., tongue, hypopharynx, larynx, mouth and oesophagus. Cancer of the prostate was the sixth leading site. Among females cancers of the breast and cervix were seen in equal proportion and almost identical MAAR. Cancer of the oesophagus and tongue were the fourth and fifth leading sites of cancer. Cancer of the gall bladder was the ninth leading site. [Fig. 5.81(c)]. Over 80% of cases from this district were seen at JLN Medical College, Ajmer and about 8% of cases at SDM Hospital, Jaipur. [Table 5.81(b)].

### Jaipur District

The first four leading sites of cancer in males, in this district of Rajasthan were tobacco related cancers - lung, tongue, mouth and oesophagus. This was followed by cancer of the prostate, as the fifth leading site of cancer. In females cancer of the breast was the leading site followed by cancer of the cervix. [Fig. 5.82(c)]. Majority of the cancers in this district were registered at SDM Hospital, SMS Medical College and Bhagwan Mahaveer Cancer Centre all at Jaipur. [Table 5.82(b)].



**FIGURE 5(U) : Map of India highlighting Rajasthan State**



**FIGURE 5(V) : Map of Rajasthan State highlighting the districts with MAAR above 36.2 per 100,000**

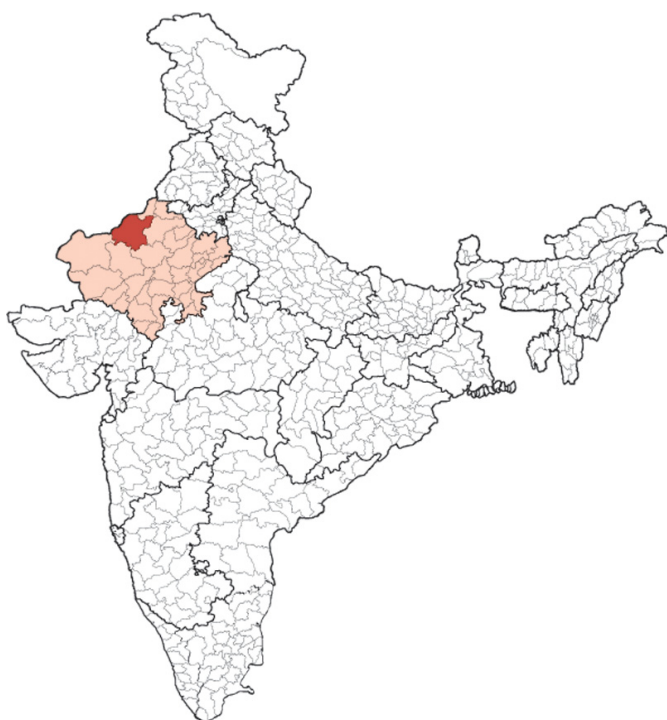
## 5.80. BIKANER DISTRICT, Rajasthan State

(Code 0803)

**TABLE 5.80(a) : Profile of Bikaner District (2001 Census)**

Area (in sq. kms.)	27,284.0
Decadal Growth Rate (1991-2001)	38.18%
Literacy Rate	
Males	70.78%
Females	42.55%
Sex Ratio (females per 1000 males)	889
Density (persons per sq. km)	61

Source: NCRP, Bangalore



**FIGURE 5.80(a) : Map of India highlighting Rajasthan State**



**FIGURE 5.80(b) : Map of Rajasthan State highlighting Bikaner District**

**TABLE 5.80(b) : Centrewise Distribution of Cancers (2002)**

Number (#) and Relative Proportion (%)

Centre (with code in parentheses)	#	%
Acharya Tulsi RCC, Bikaner (87)	505	91.5
SD Memorial Hospital, Jaipur (68)	18	3.3
HBCR - Mumbai (1008)	13	2.4
SMS Medical College, Jaipur (23)	6	1.1
PBCR - Mumbai (1002)	4	0.7
All Other Centres	6	1.1
<b>Total Cancers</b>	<b>552</b>	<b>100.0</b>

Source: NCRP, Bangalore

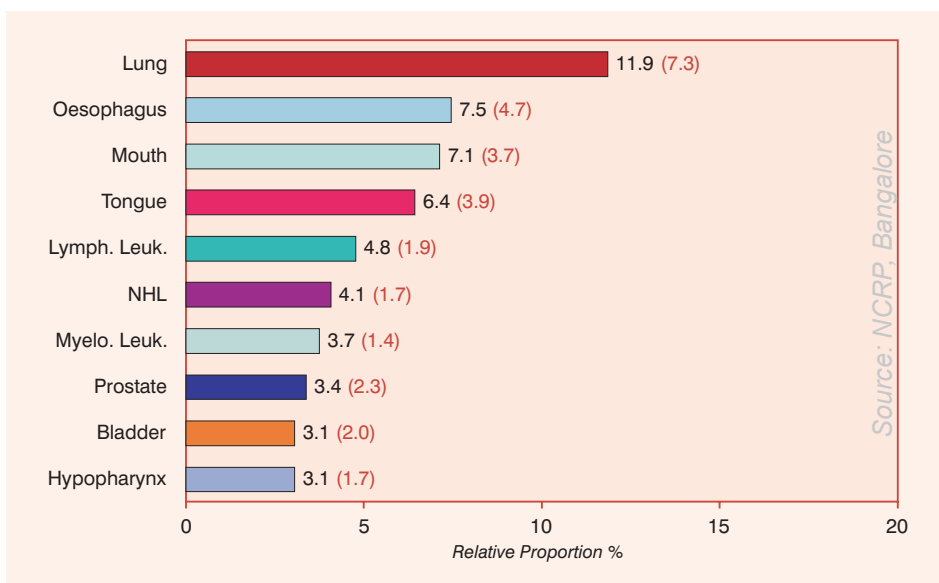
**TABLE 5.80(c) : Salient features of Cancer Incidence (2002)**

	Males	Females
Estimated Population	9,13,379	8,13,931
Total Cancers (All sites)	295	257
Min. Crude IR	32.3	31.6
Min. Age Adjusted IR	52.9	48.0
Min. Truncated IR	89.6	100.6

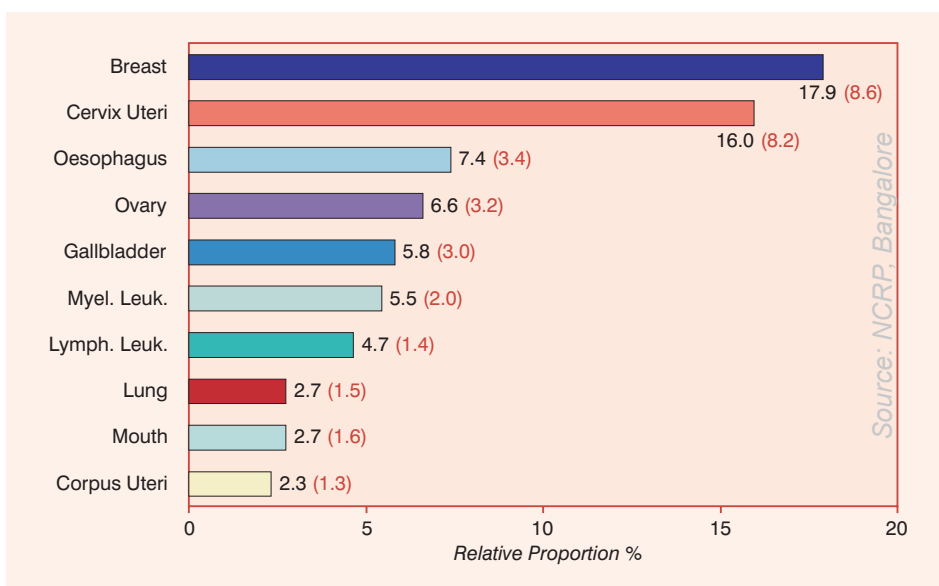
Min. = Minimum IR = Incidence Rate / 100,000

**FIGURE 5.80(c) : Ten Leading Sites of Cancer (2002)**  
(Minimum Age Adjusted Incidence Rates given in parentheses)

**Males**



**Females**



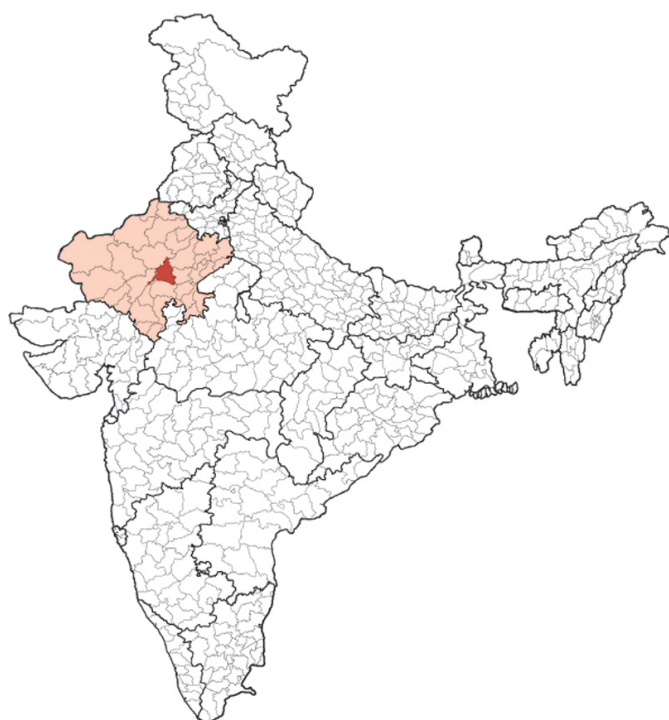
## 5.81. AJMER DISTRICT, Rajasthan State

(Code 0821)

**TABLE 5.81(a) : Profile of Ajmer District (2001 Census)**

Area (in sq. kms.)	8,481.0
Decadal Growth Rate (1991-2001)	26.10%
Literacy Rate	
Males	79.96%
Females	49.10%
Sex Ratio (females per 1000 males)	932
Density (persons per sq. km)	257

Source: NCRP, Bangalore



**FIGURE 5.81(a) : Map of India highlighting Rajasthan State**



**FIGURE 5.81(b) : Map of Rajasthan State highlighting Ajmer District**

**TABLE 5.81(b) : Centrewise Distribution of Cancers**

Number (#) and Relative Proportion (%)

Year	2001		2002		2001 - 2002	
	#	%	#	%	#	%
<b>Centre (with code in parentheses)</b>						
J.L.N. Medical College, Ajmer (64)	540	77.4	572	81.3	1112	79.3
SDM Hospital, Jaipur (68)	50	7.2	59	8.4	109	7.8
HBCR - Mumbai (1008)	35	5.0	27	3.8	62	4.4
BM Cancer Centre, Jaipur (60)	45	6.4	3	0.4	48	3.4
The GCRI, Ahmedabad (63)	13	1.9	11	1.6	24	1.7
SMS Medical College, Jaipur (23)	5	0.7	12	1.7	17	1.2
All Other Centres	10	1.4	20	2.8	30	2.1
<b>Total Cancers</b>	<b>698</b>	<b>100.0</b>	<b>704</b>	<b>100.0</b>	<b>1402</b>	<b>100.0</b>

Source: NCRP, Bangalore

**TABLE 5.81(c) : Salient features of Cancer Incidence**

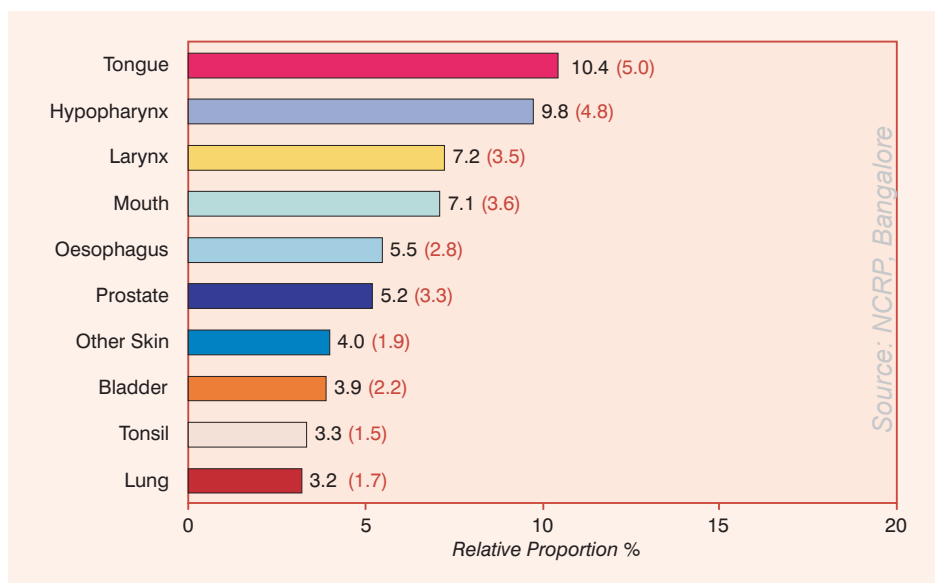
Year	2001		2002		2001 - 2002	
	Males	Females	Males	Females	Males	Females
Estimated Population	11,31,557	10,56,366	11,54,201	10,78,697	22,85,758	21,35,063
Total Cancers (All sites)	388	310	360	344	748	654
Min. Crude IR	34.3	29.4	31.2	31.9	32.7	30.6
Min. Age Adjusted IR	48.8	36.2	46.3	40.4	47.5	38.3
Min. Truncated IR	84.6	79.5	72.9	93.3	78.6	86.6

Source: NCRP, Bangalore

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

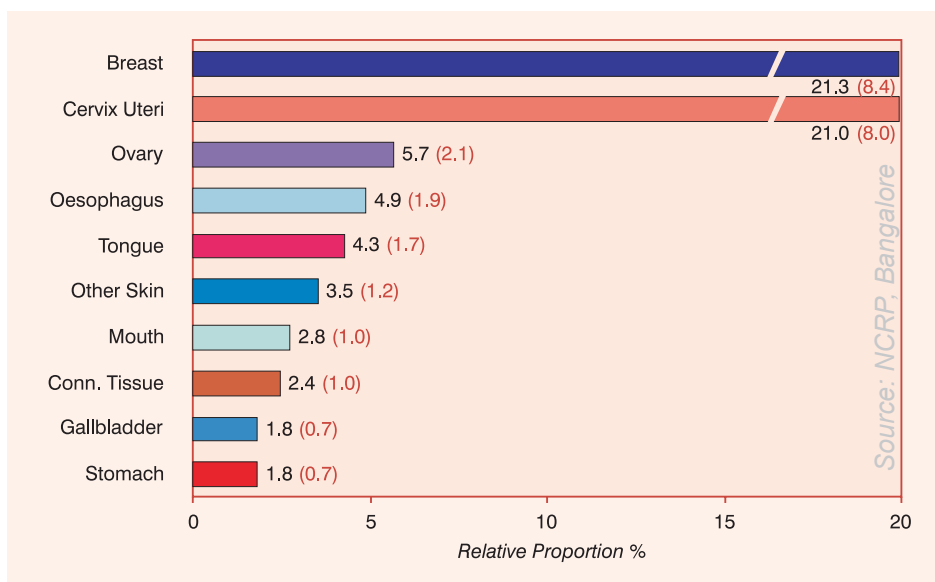
**FIGURE 5.81(c) : Ten Leading Sites of Cancer (2001 - 2002)**  
 (Minimum Age Adjusted Incidence Rates given in parentheses)

**Males**



Source: NCRP, Bangalore

**Females**



Source: NCRP, Bangalore

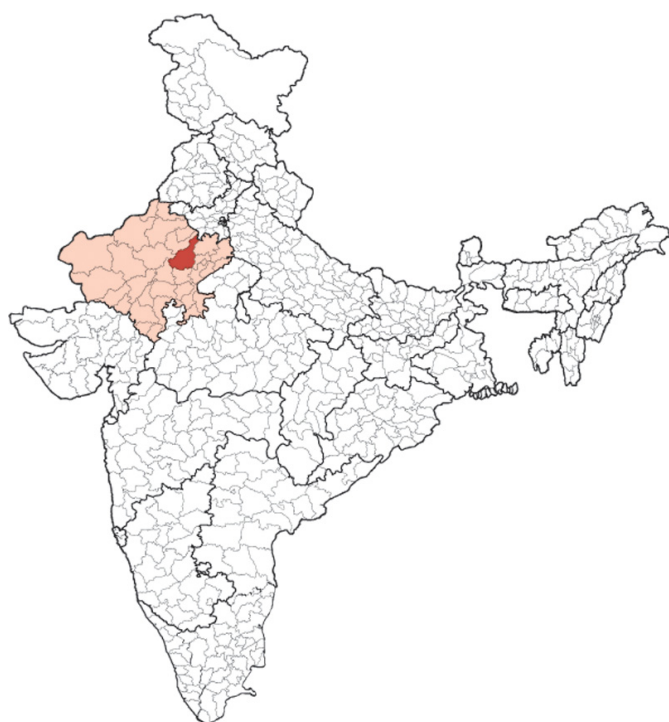
## 5.82. JAIPUR DISTRICT, Rajasthan State

(Code 0812)

**TABLE 5.82(a) : Profile of Jaipur District (2001 Census)**

Area (in sq. kms.)	11,143.0
Decadal Growth Rate (1991-2001)	35.10%
Literacy Rate	
Males	83.58%
Females	56.18%
Sex Ratio (females per 1000 males)	897
Density (persons per sq. km)	471

Source: NCRP, Bangalore



**FIGURE 5.82(a) : Map of India highlighting Rajasthan State**



**FIGURE 5.82(b) : Map of Rajasthan State highlighting Jaipur District**

**TABLE 5.82(b) : Centrewise Distribution of Cancers**

Number (#) and Relative Proportion (%)

Year	2001		2002		2001 - 2002	
	#	%	#	%	#	%
Centre (with code in parentheses)						
SDMH, Jaipur (68)	729	61.4	828	39.1	1557	47.1
SMS Medical College, Jaipur (23)	85	7.2	1093	51.7	1178	35.7
BM Cancer Centre, Jaipur (60)	281	23.7	39	1.8	320	9.7
HBCR - Mumbai (1008)	44	3.7	49	2.3	93	2.8
PBCR - Mumbai (1002)	31	2.6	33	1.6	64	1.9
All Other Centres	18	1.5	74	3.5	92	2.8
<b>Total Cancers</b>	<b>1188</b>	<b>100.0</b>	<b>2116</b>	<b>100.0</b>	<b>3304</b>	<b>100.0</b>

Source: NCRP, Bangalore



**TABLE 5.82(c) : Salient features of Cancer Incidence (2001)**

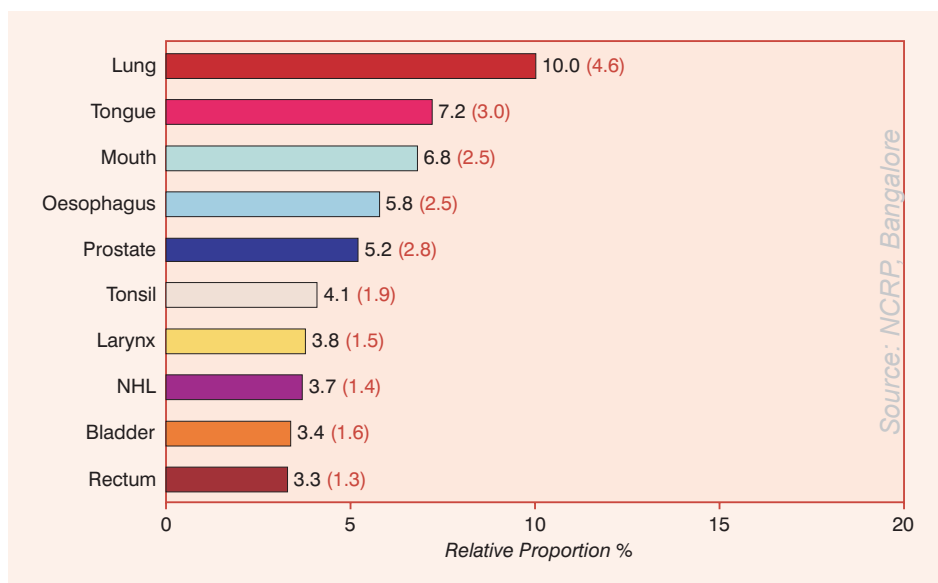
	Males	Females
Estimated Population	27,84,109	25,00,281
Total Cancers (All sites)	708	480
Min. Crude IR	25.4	19.2
Min. Age Adjusted IR	41.4	28.3
Min. Truncated IR	68.6	60.1

Source: NCRP, Bangalore

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

**FIGURE 5.82(c) : Ten Leading Sites of Cancer (2001)**  
 (Minimum Age Adjusted Incidence Rates given in parentheses)

**Males**



**Females**

