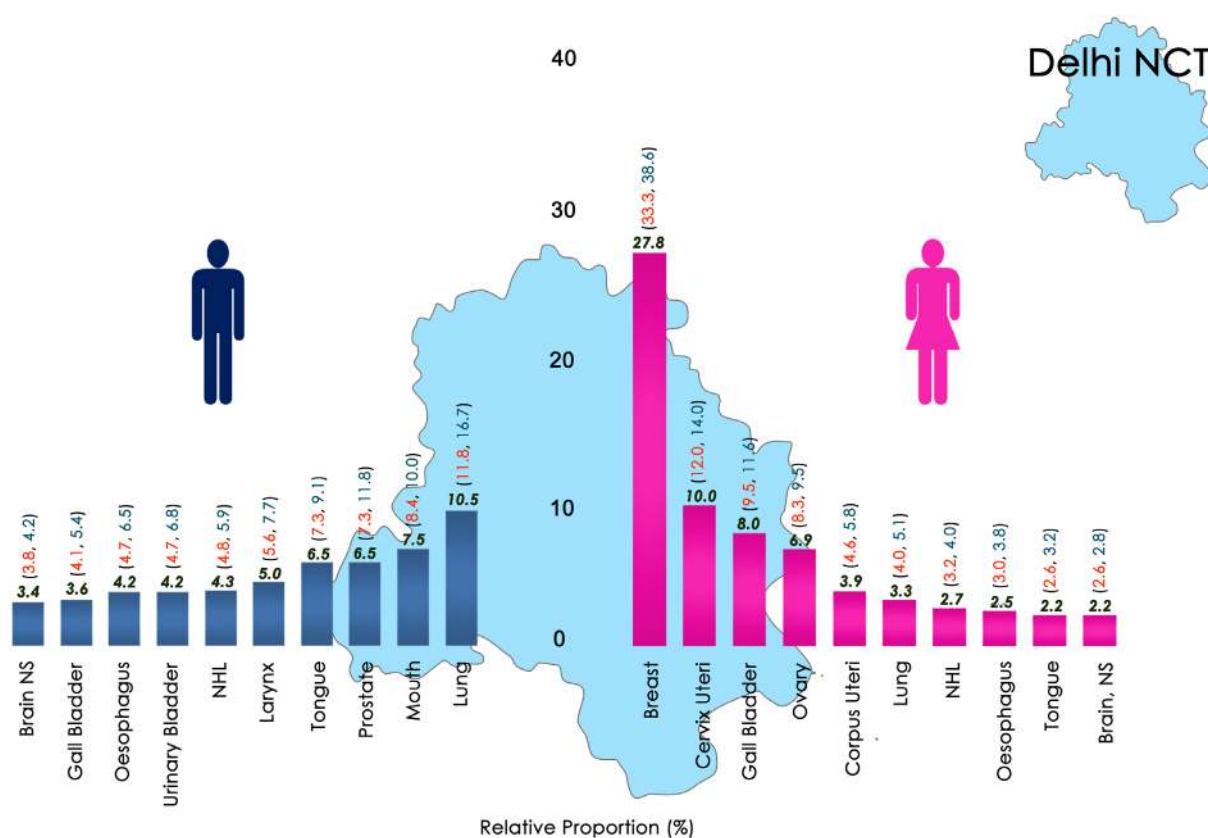


## Leading Anatomical Sites of Cancer

This chapter depicts the leading sites of cancer in the different PBCRs through Figures 2.1 to 2.28. The leading anatomical sites of cancer for each gender were decided on the basis of proportion of specific cancers relative to all sites of cancer for the said PBCR. In the graphs given for each registry, the relative proportions (%) of leading sites are given against the bar and the respective Crude Rate (CR) and Age Adjusted Rate (AAR) per 100,000 population are shown in parentheses.

### Delhi

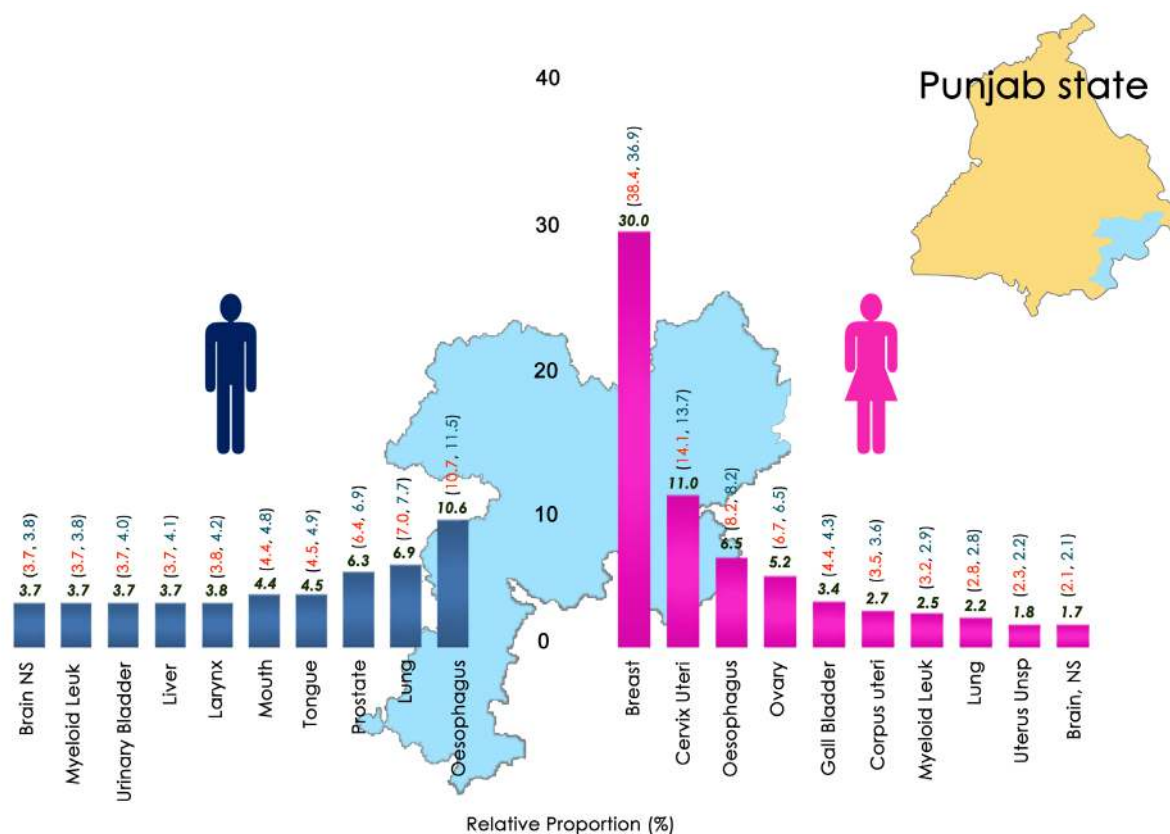
**Fig. 2.1 Ten Leading Sites of Cancer (2012-2014)**



CRs and AARs given in parentheses

## Patiala district

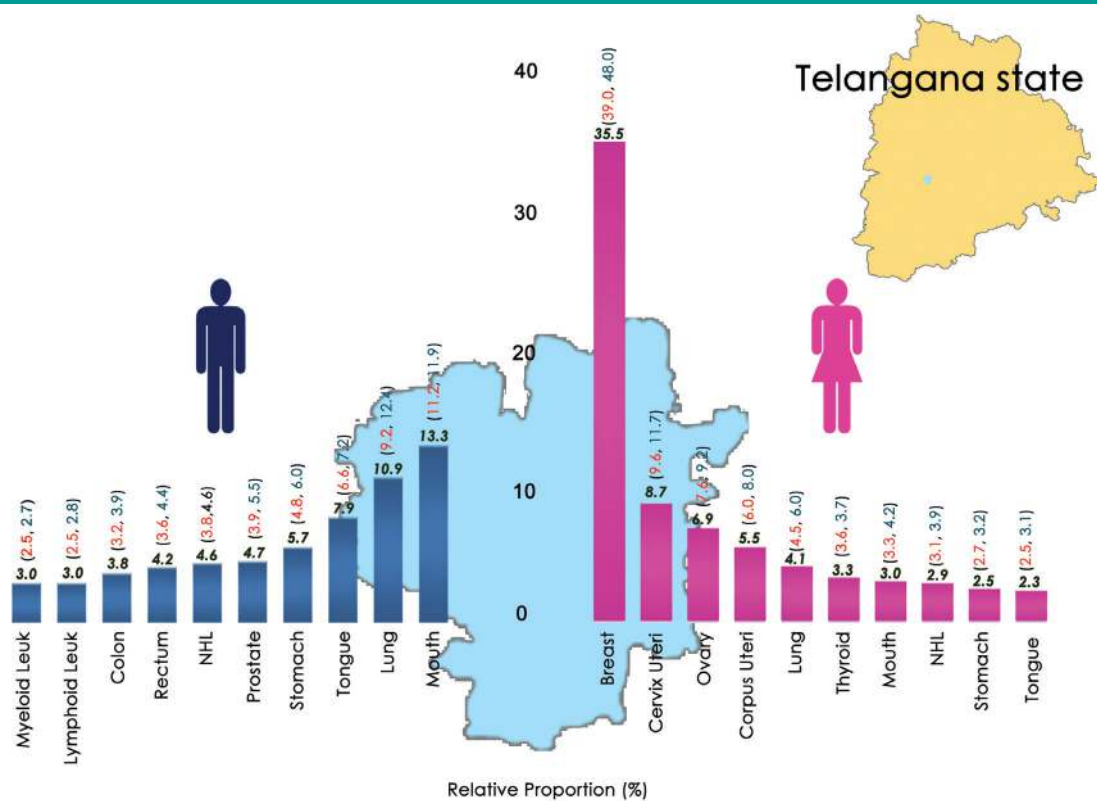
Fig. 2.2 Ten Leading Sites of Cancer (2012-2016)



CRs and AARs given in parentheses

## Hyderabad district

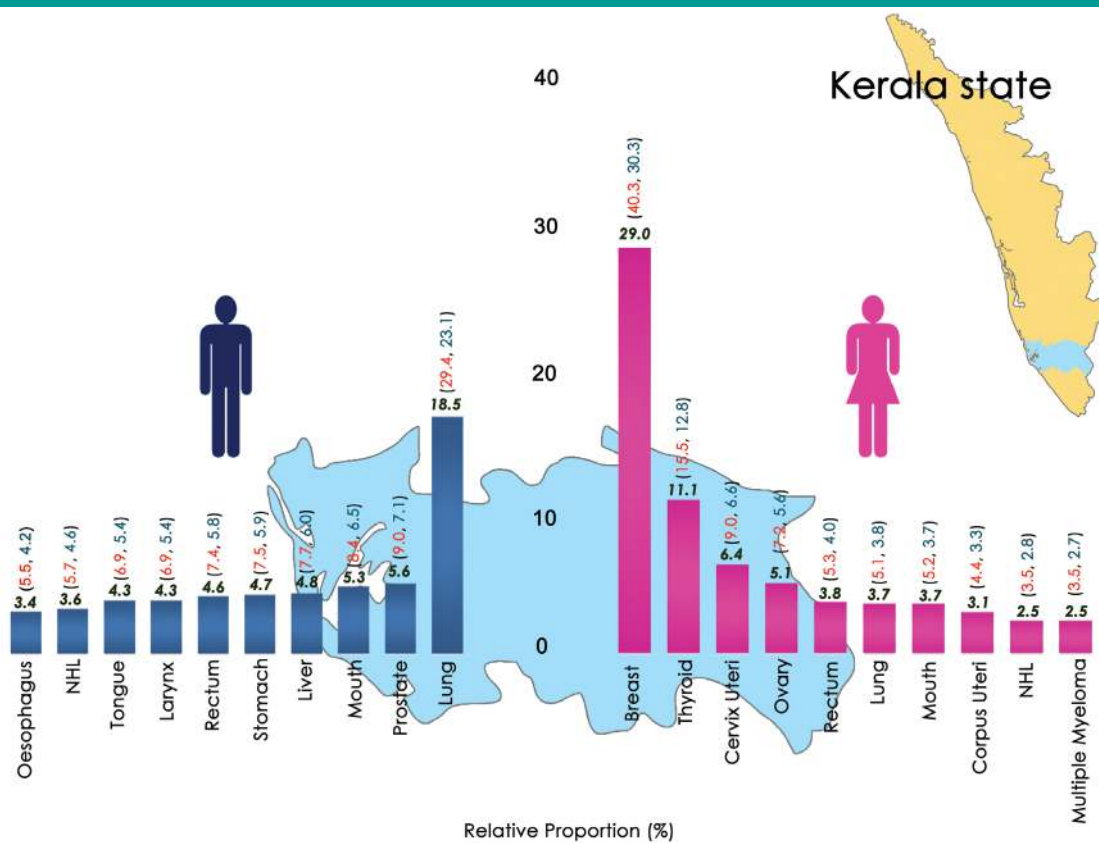
Fig. 2.3 Ten Leading Sites of Cancer (2014-2016)



CRs and AARs given in parentheses

## Kollam district

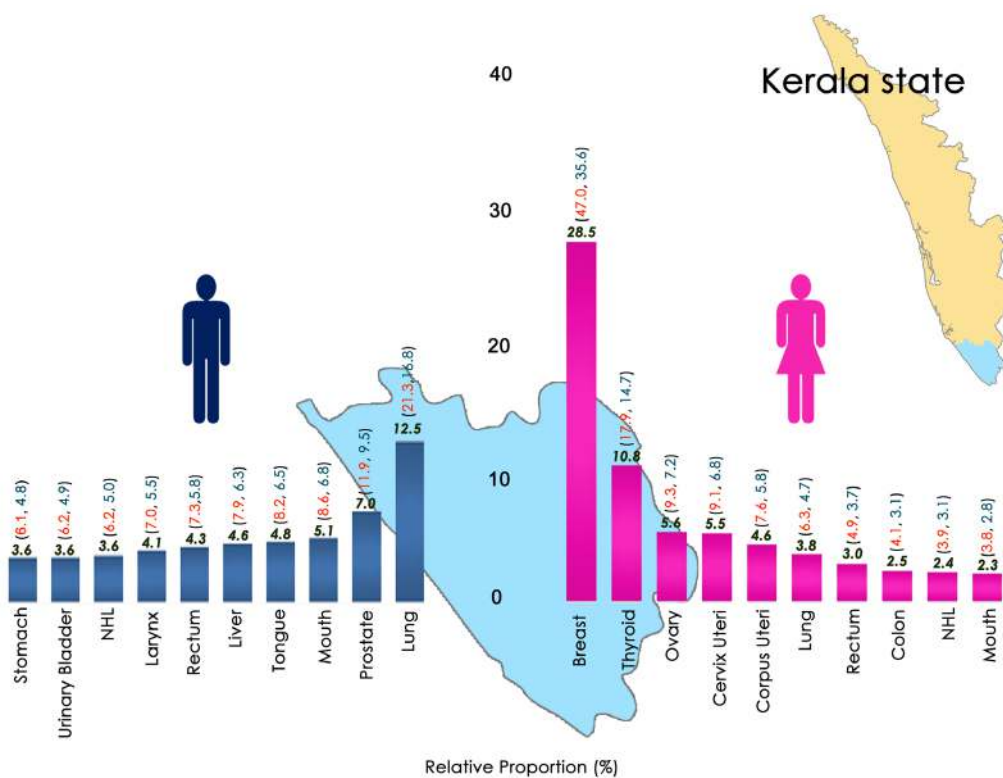
Fig. 2.4 Ten Leading Sites of Cancer (2012-2016)



CRs and AARs given in parentheses

## Thiruvananthapuram district

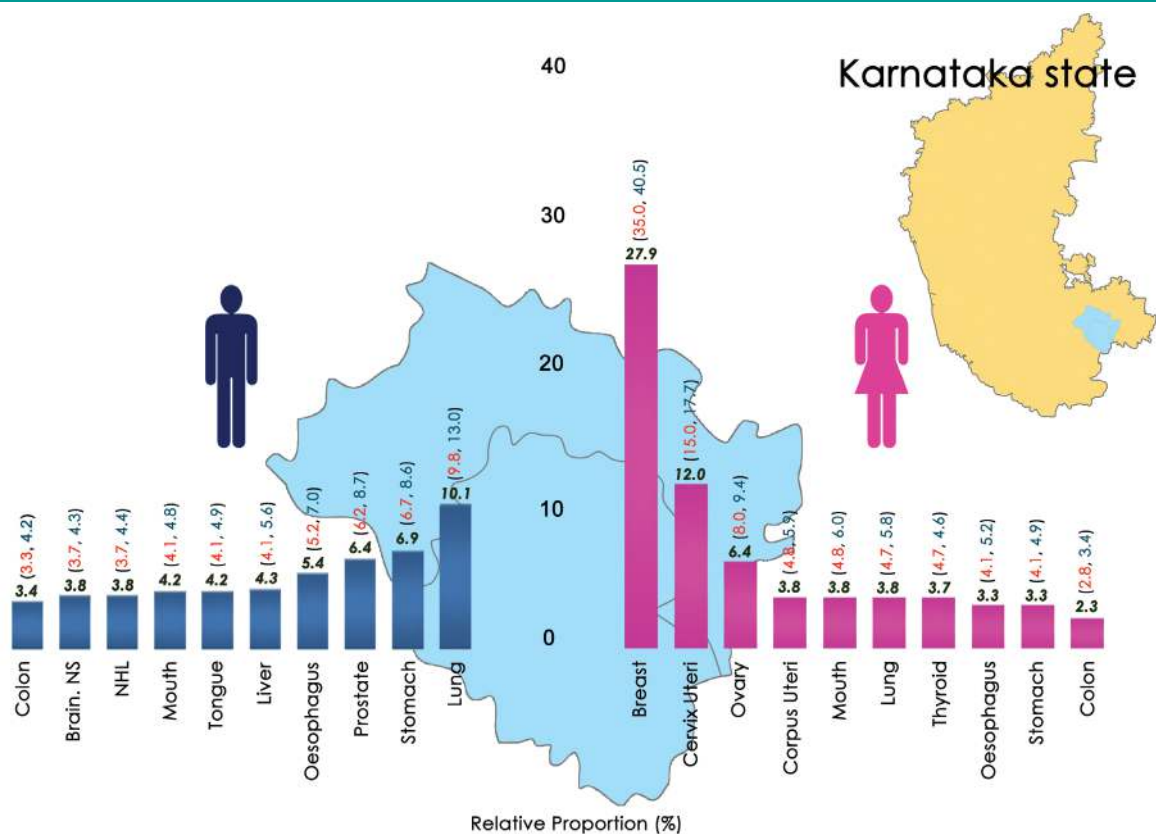
Fig. 2.5 Ten Leading Sites of Cancer (2012-2016)



CRs and AARs given in parentheses

## Bangalore

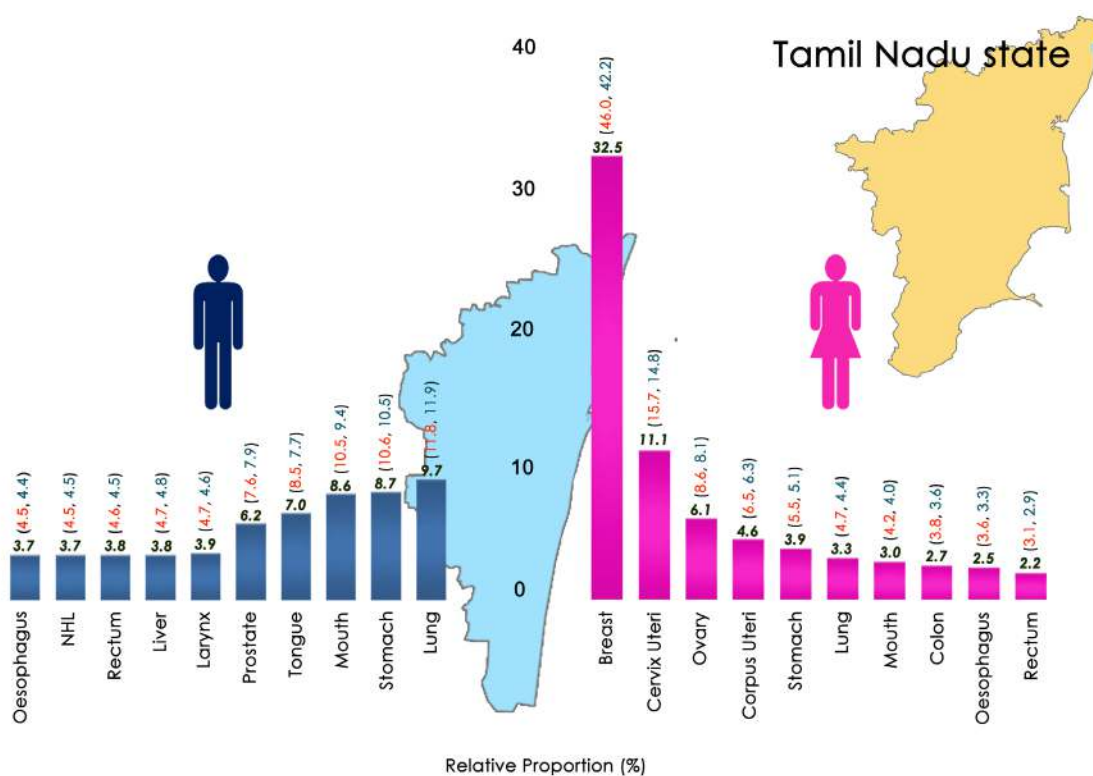
Fig. 2.6 Ten Leading Sites of Cancer (2012-2014)



CRs and AARs given in parentheses

## Chennai

Fig. 2.7 Ten Leading Sites of Cancer (2012-2016)

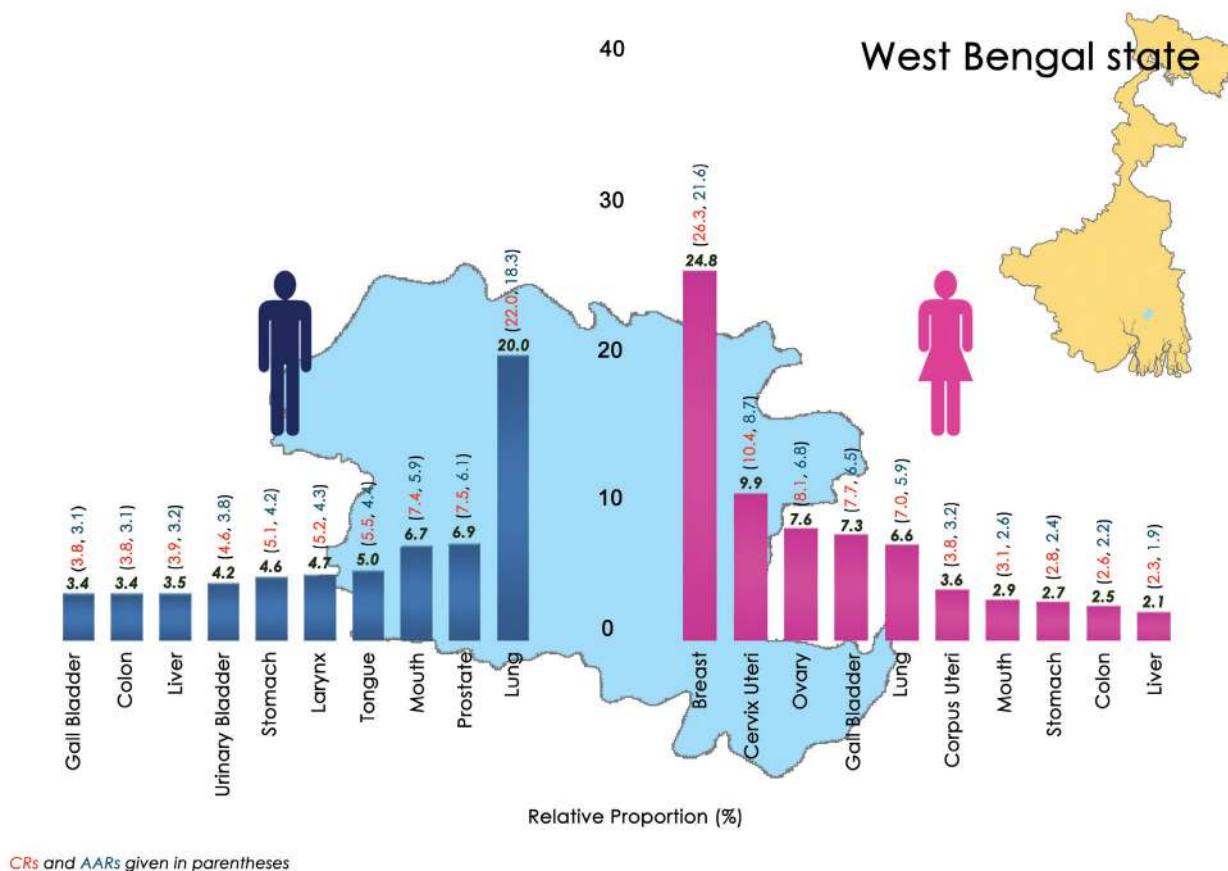


CRs and AARs given in parentheses



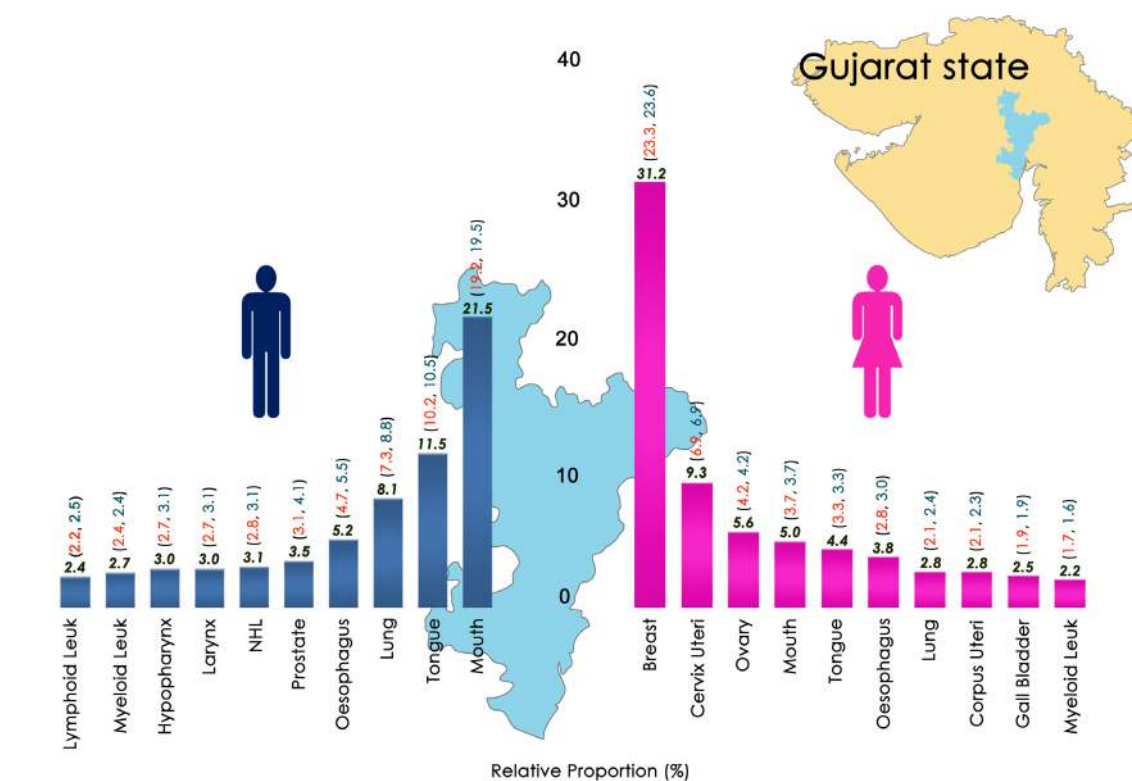
## Kolkata

Fig. 2.8 Ten Leading Sites of Cancer (2012-2015)



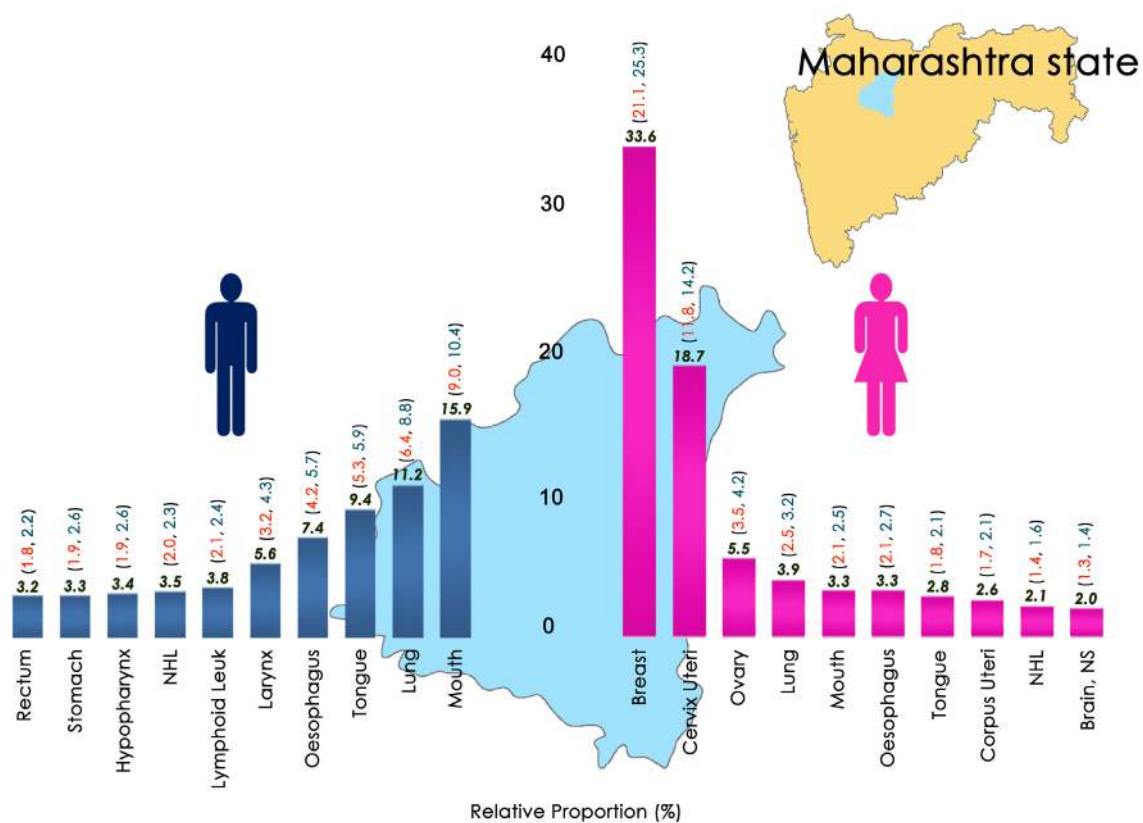
## Ahmedabad urban

Fig. 2.9 Ten Leading Sites of Cancer (2012-2015)



## Aurangabad

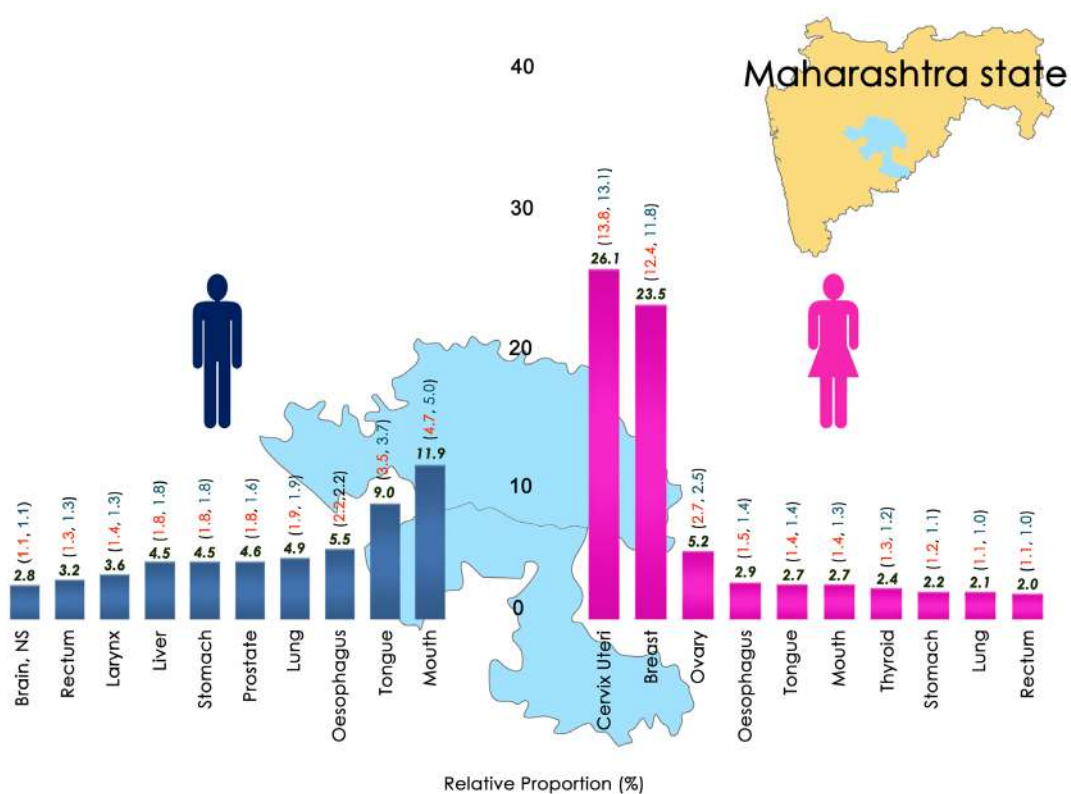
Fig. 2.10 Ten Leading Sites of Cancer (2012-2016)



CRs and AARs given in parentheses

## Osmanabad &amp; Beed district

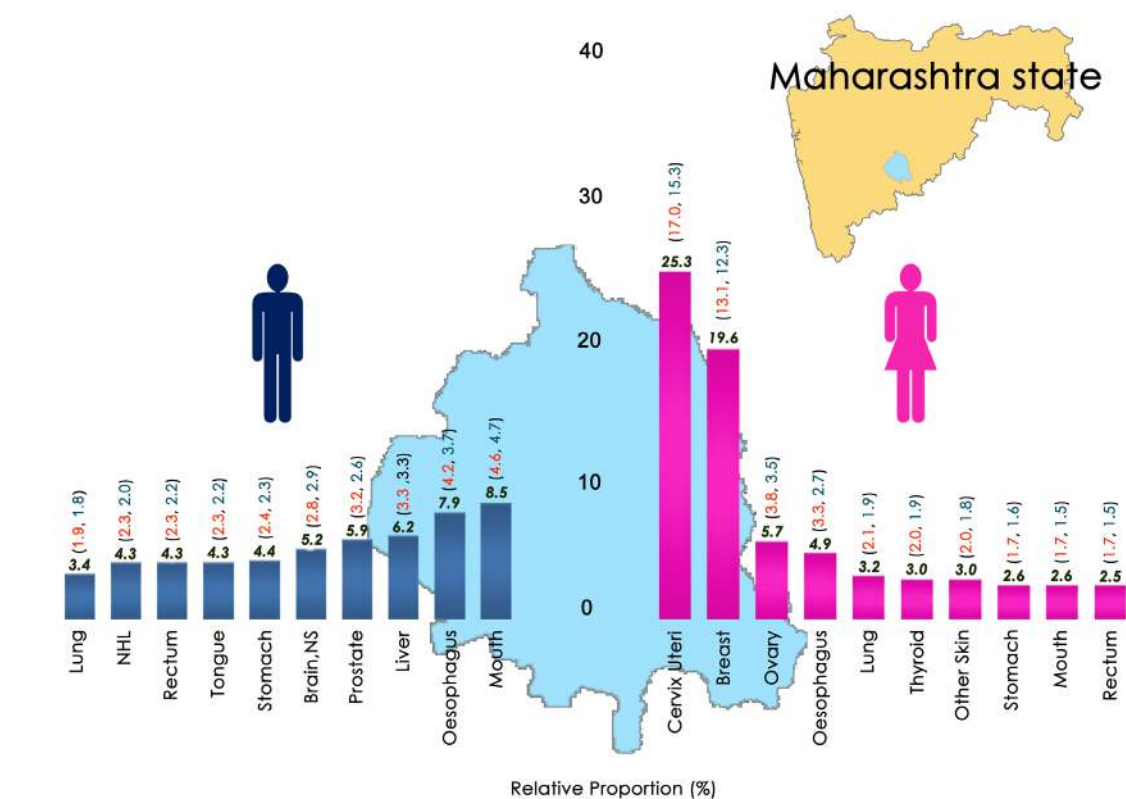
Fig. 2.11 Ten Leading Sites of Cancer (2012-2015)



CRs and AARs given in parentheses

## Barshi rural

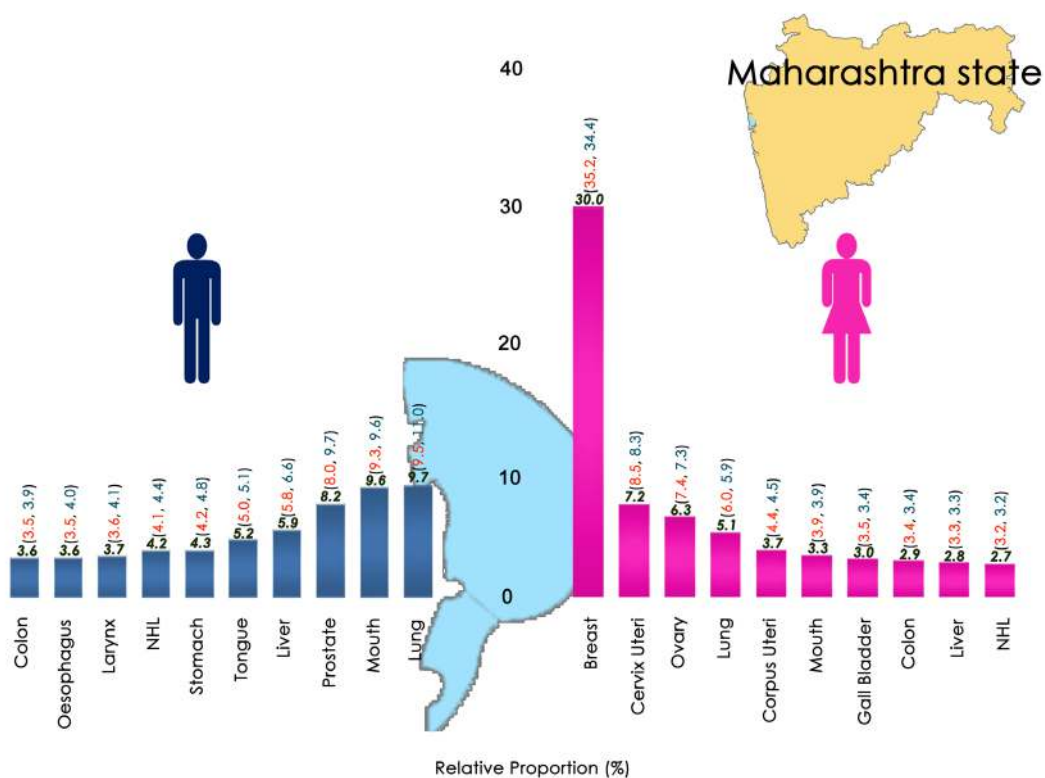
Fig. 2.12 Ten Leading Sites of Cancer (2012-2016)



CRs and AARs given in parentheses

## Mumbai

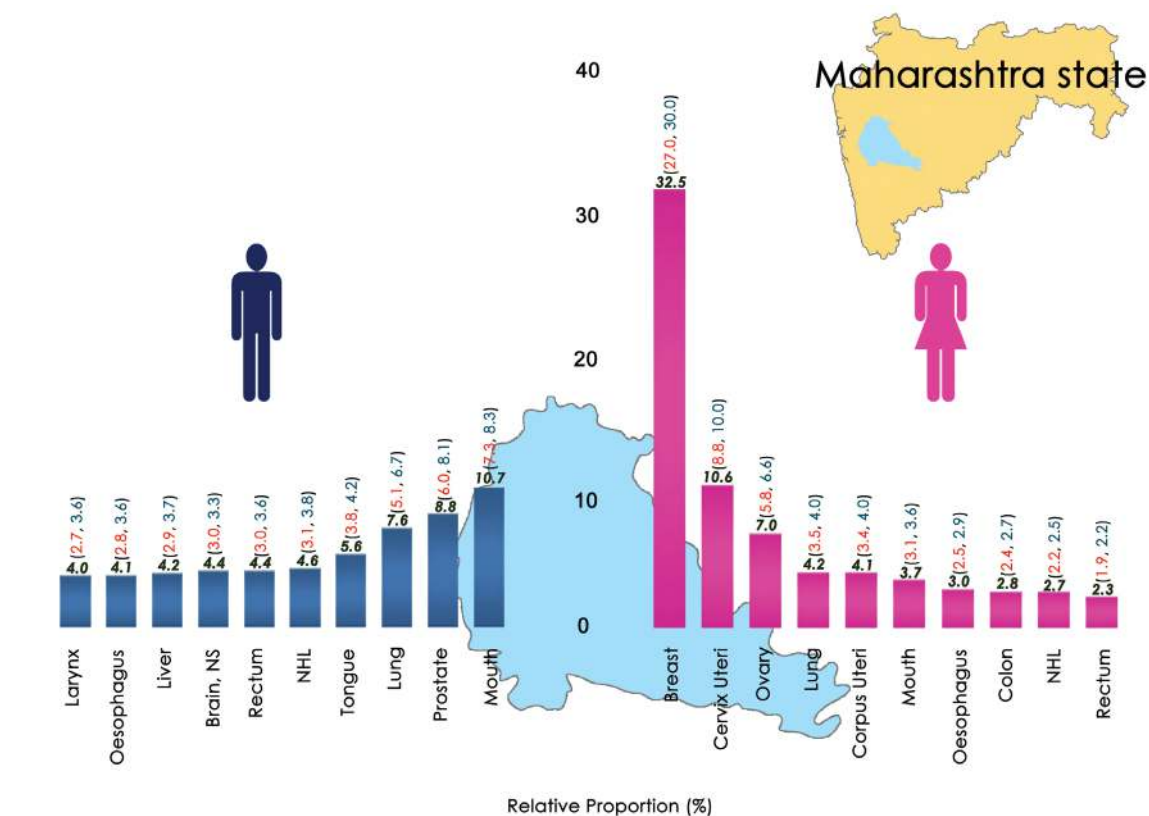
Fig. 2.13 Ten Leading Sites of Cancer (2012-2015)



CRs and AARs given in parentheses

## Pune

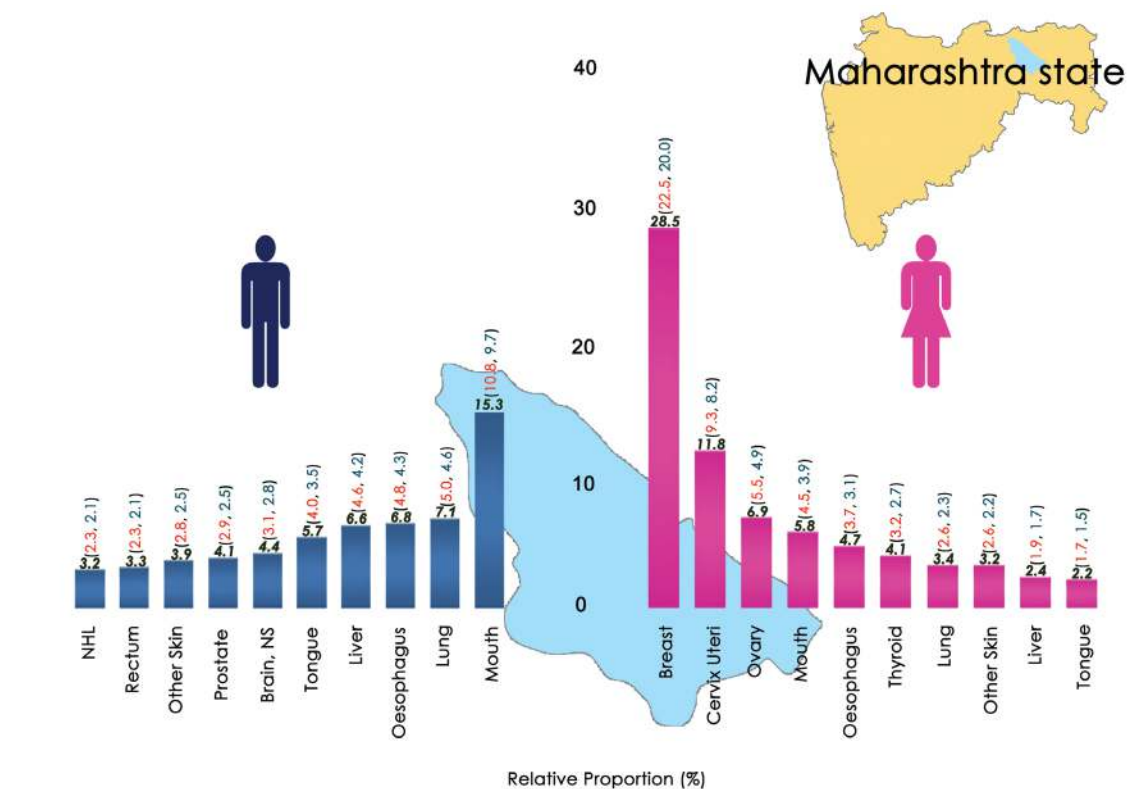
Fig. 2.14 Ten Leading Sites of Cancer (2012-2016)



CRs and AARs given in parentheses

## Wardha district

Fig. 2.15 Ten Leading Sites of Cancer (2012-2016)

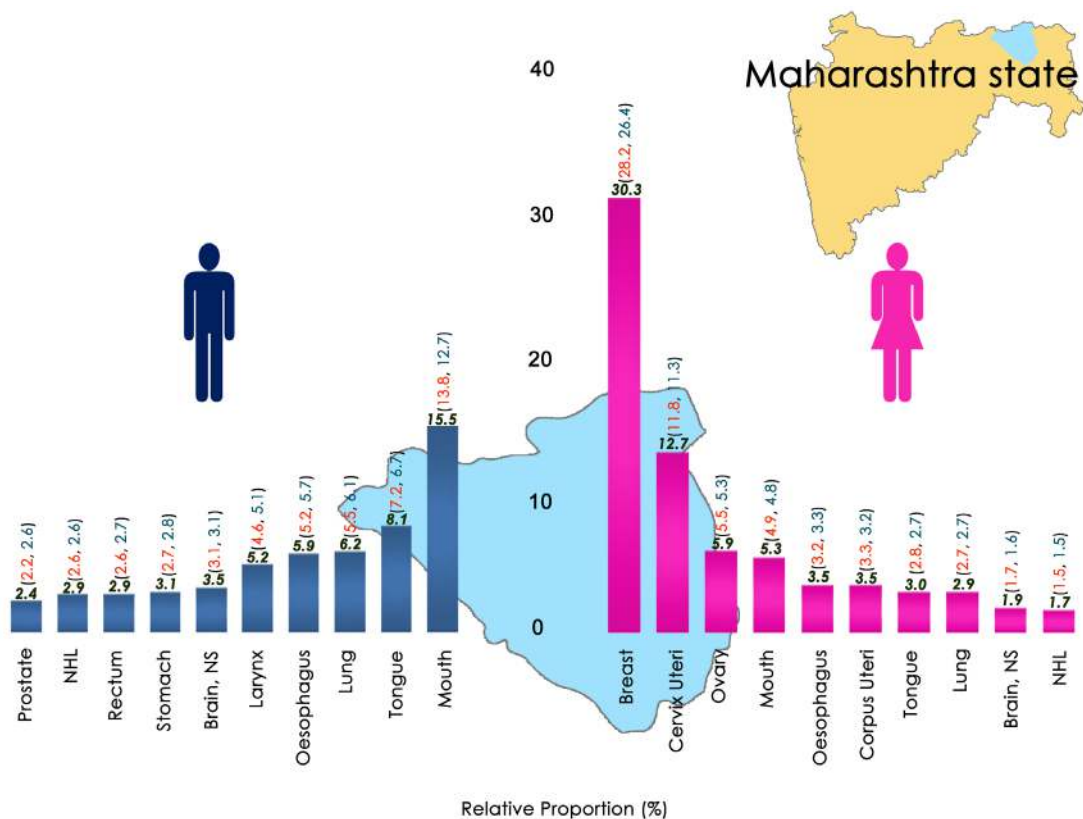


CRs and AARs given in parentheses



## Nagpur

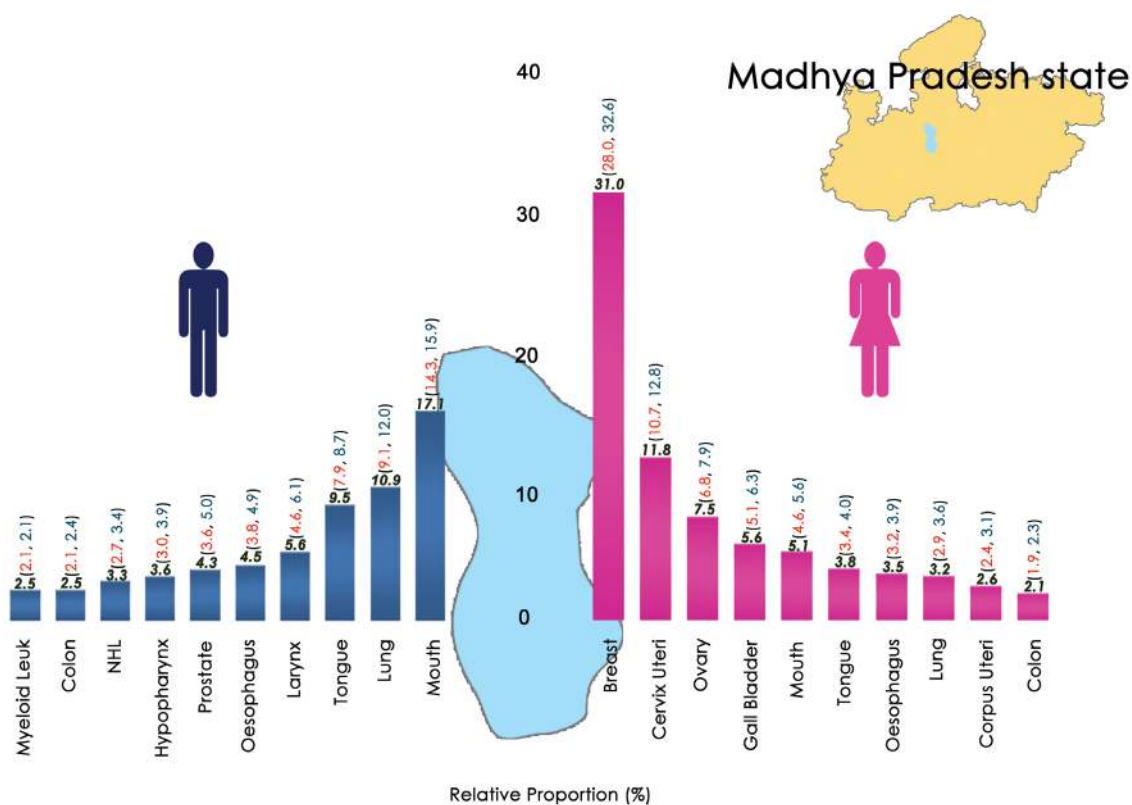
Fig. 2.16 Ten Leading Sites of Cancer (2012-2016)



CRs and AARs given in parentheses

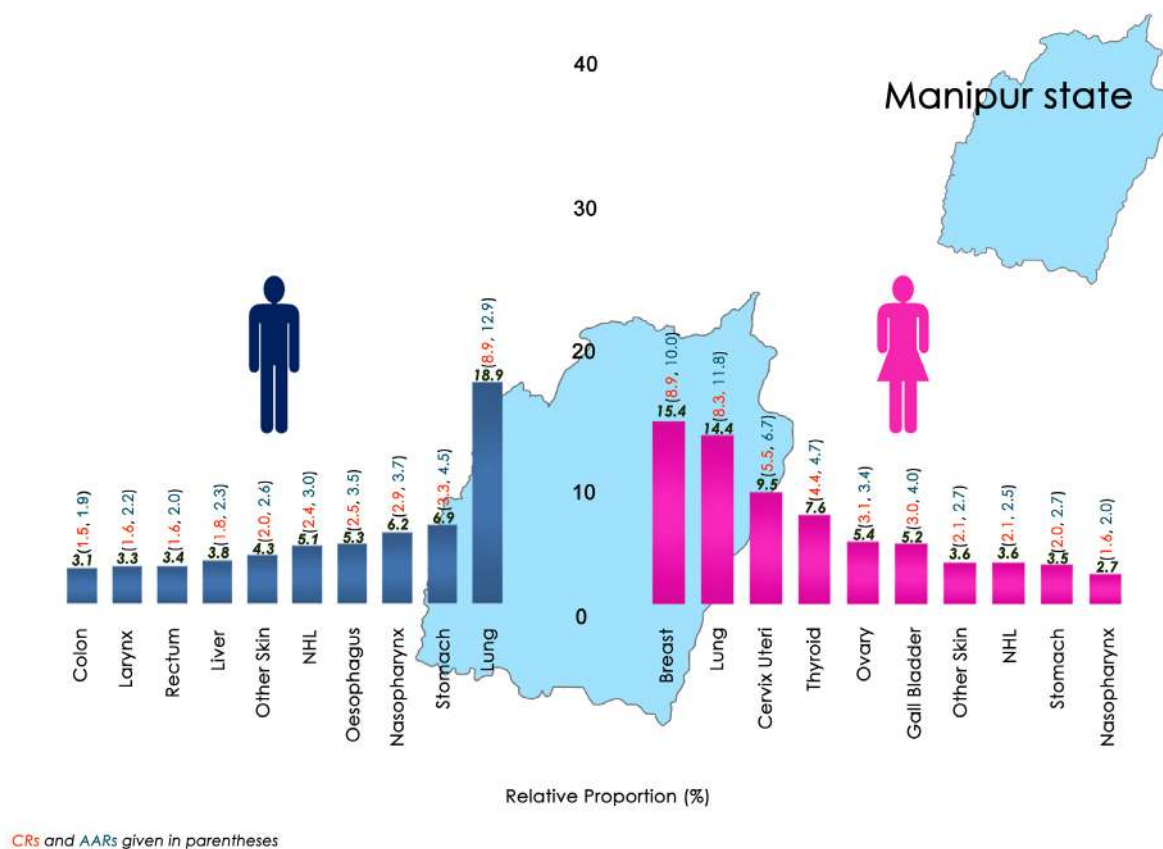
## Bhopal

Fig. 2.17 Ten Leading Sites of Cancer (2012-2015)



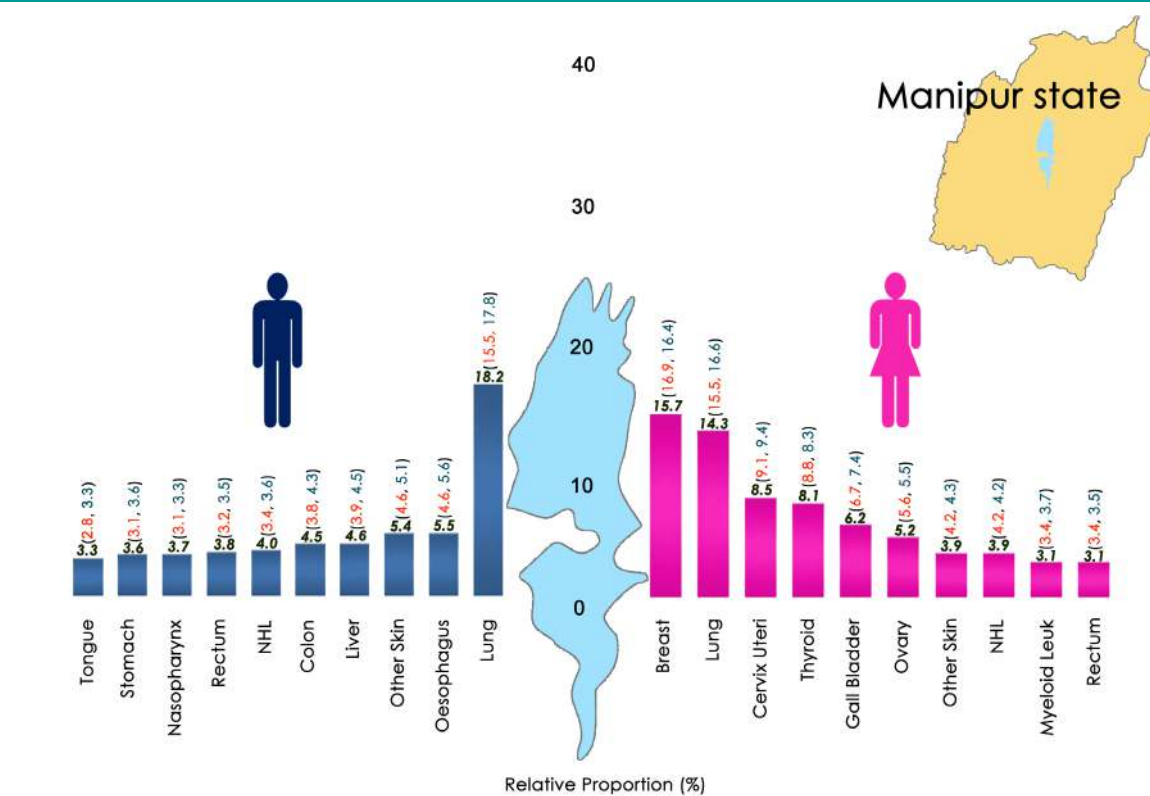
CRs and AARs given in parentheses

**Manipur state**  
**Fig. 2.18(a) Ten Leading Sites of Cancer (2012-2016)**



CRs and AARs given in parentheses

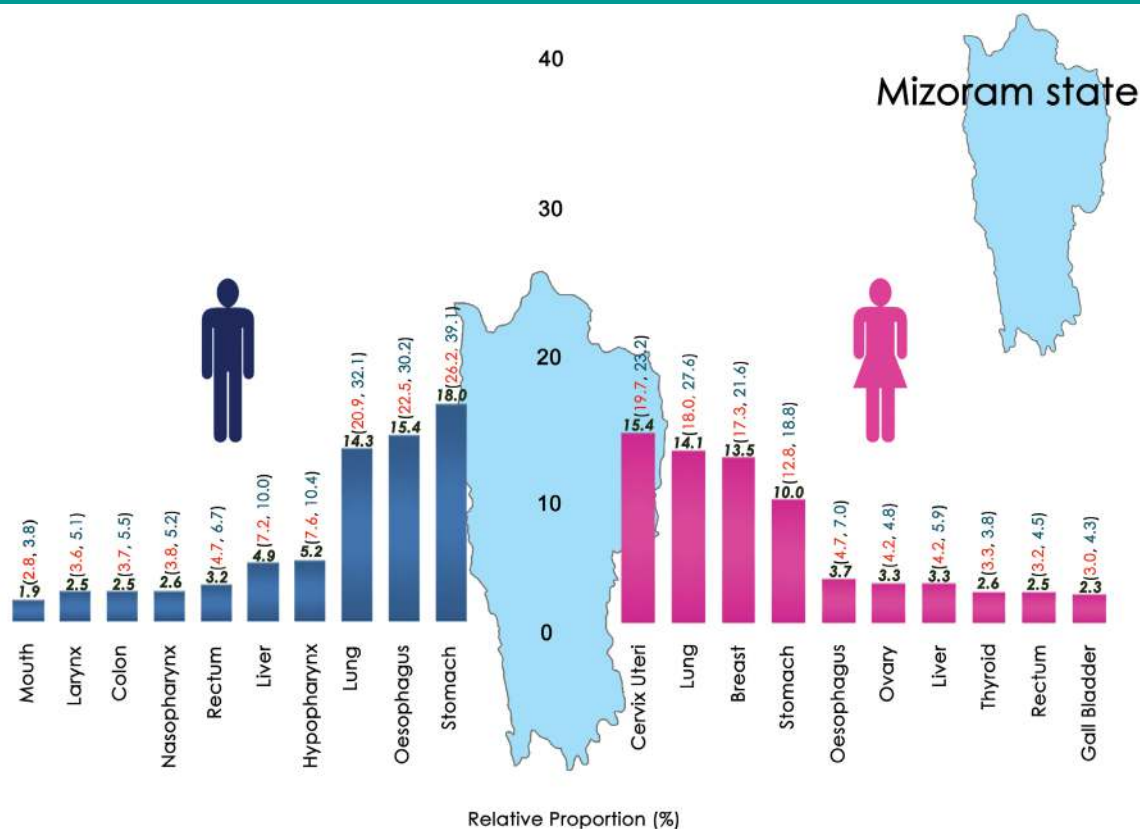
**Imphal West district**  
**Fig. 2.18(b) Ten Leading Sites of Cancer (2012-2016)**



CRs and AARs given in parentheses

## Mizoram state

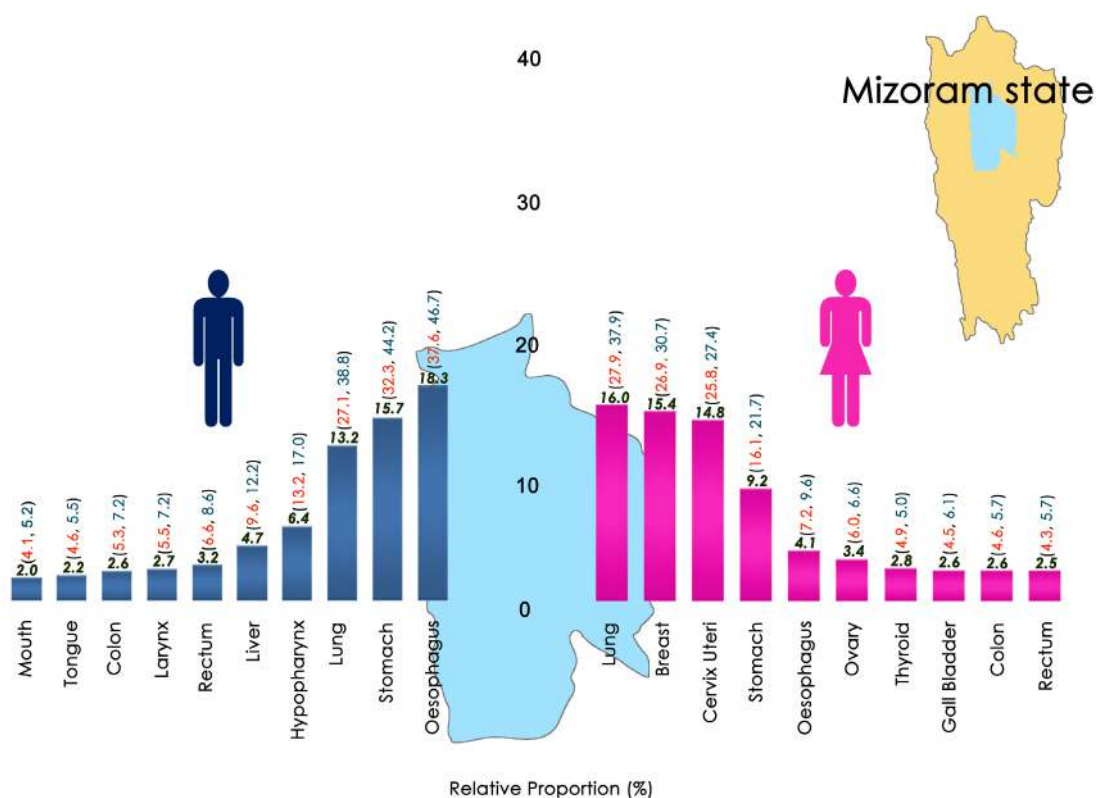
Fig. 2.19(a) Ten Leading Sites of Cancer (2012-2016)



CRs and AARs given in parentheses

## Aizawl district

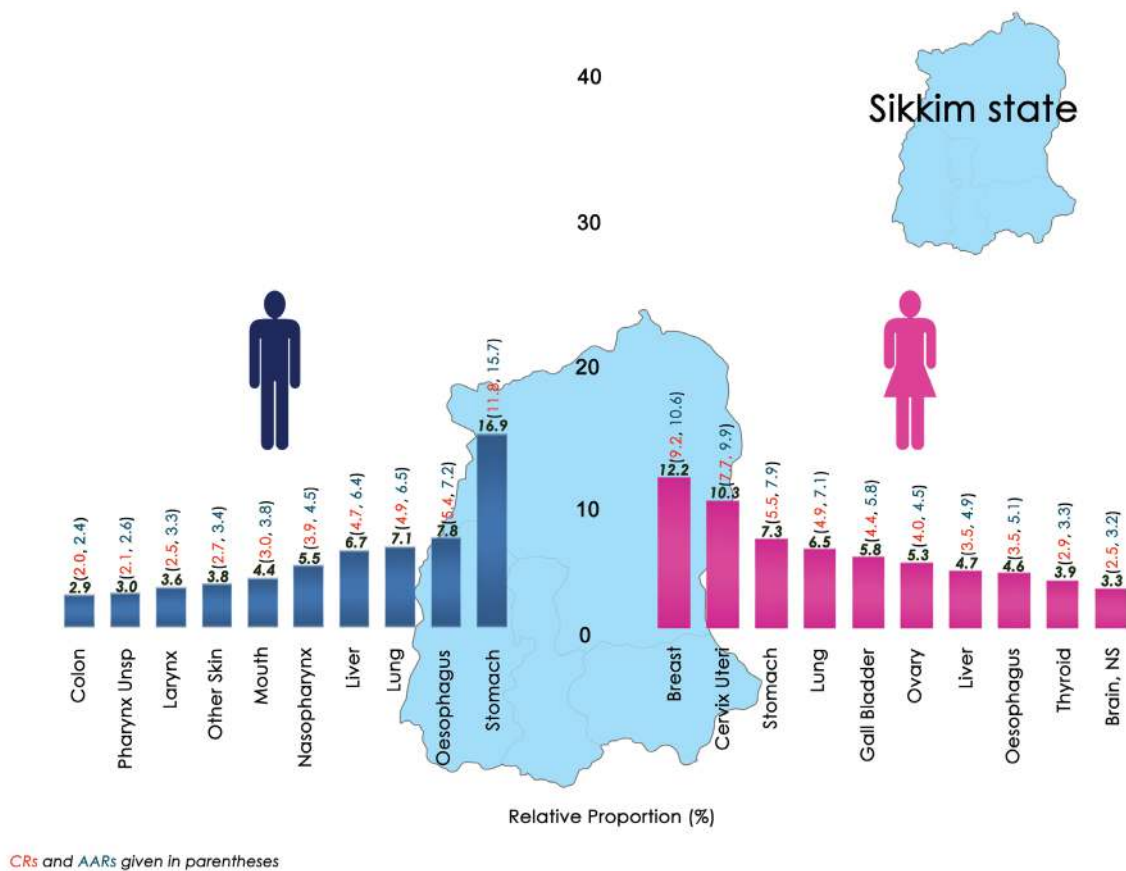
Fig. 2.19(b) Ten Leading Sites of Cancer (2012-2016)



CRs and AARs given in parentheses

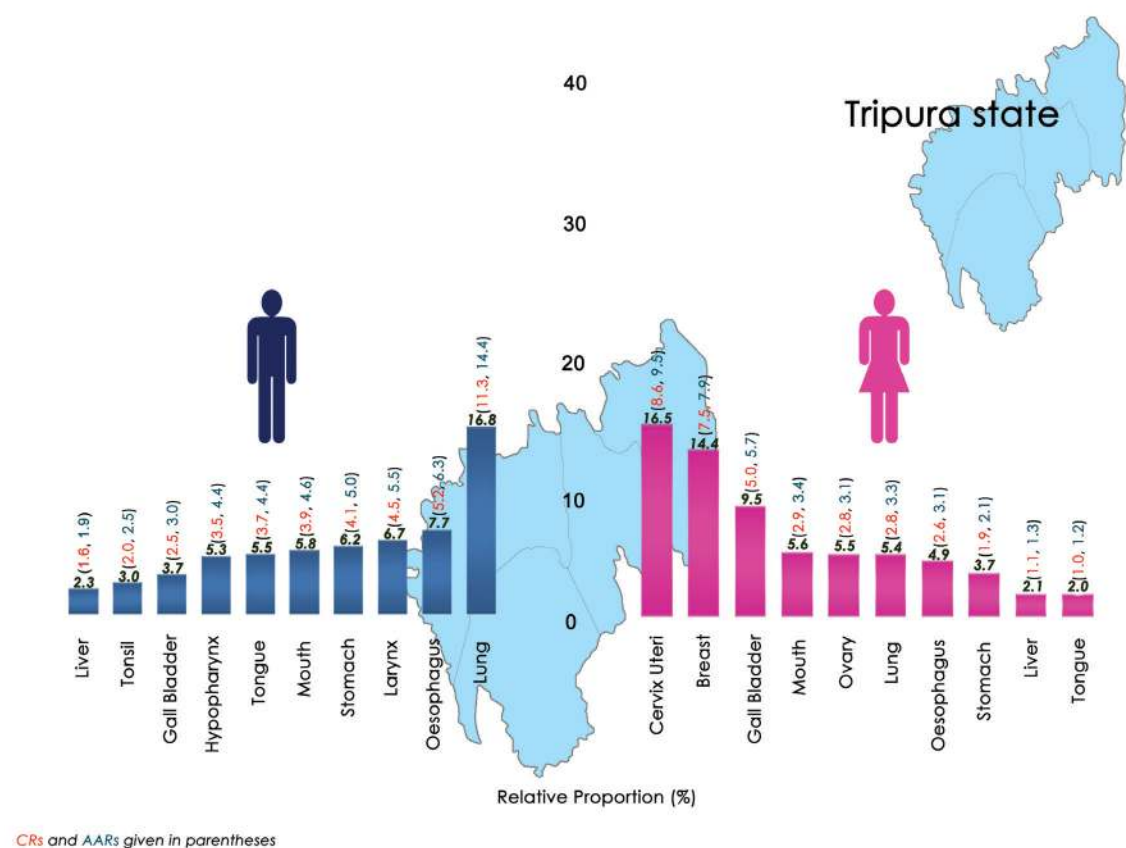
## Sikkim state

Fig. 2.20 Ten Leading Sites of Cancer (2012-2016)



## Tripura state

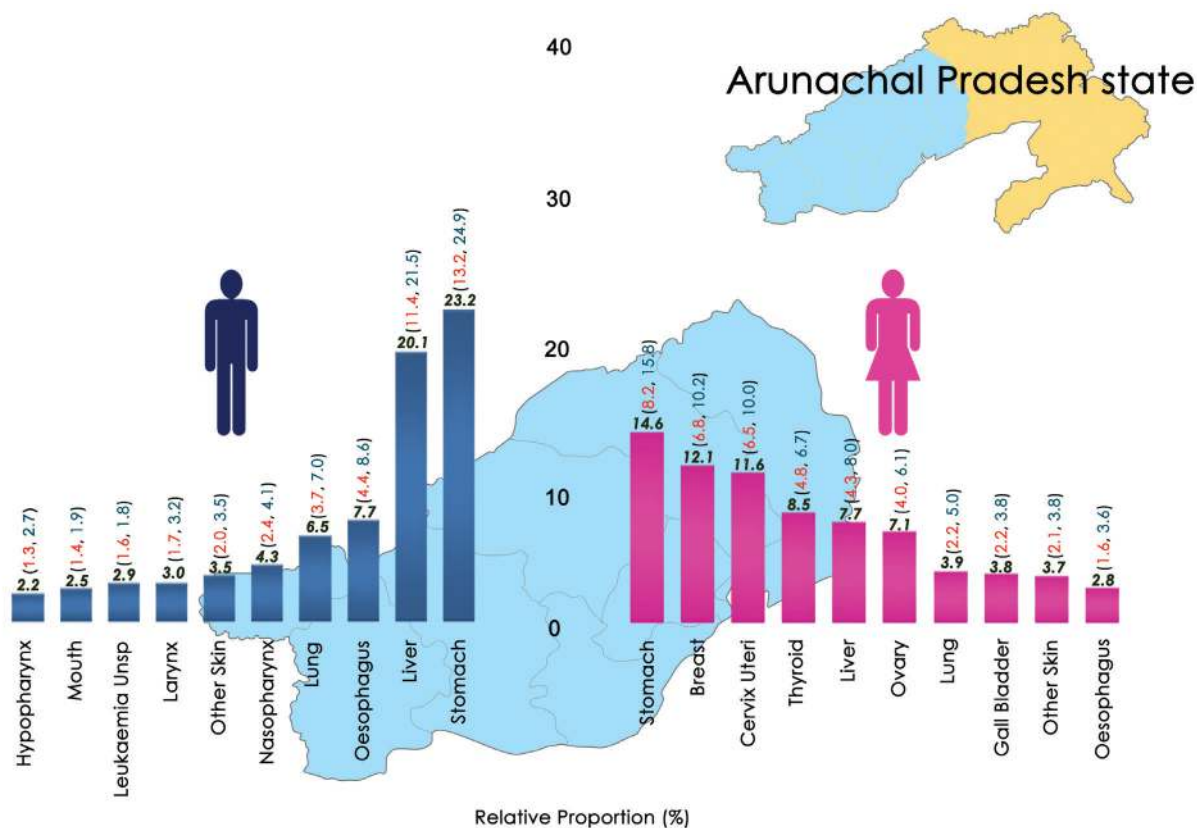
Fig. 2.21 Ten Leading Sites of Cancer (2012-2016)





## West Arunachal

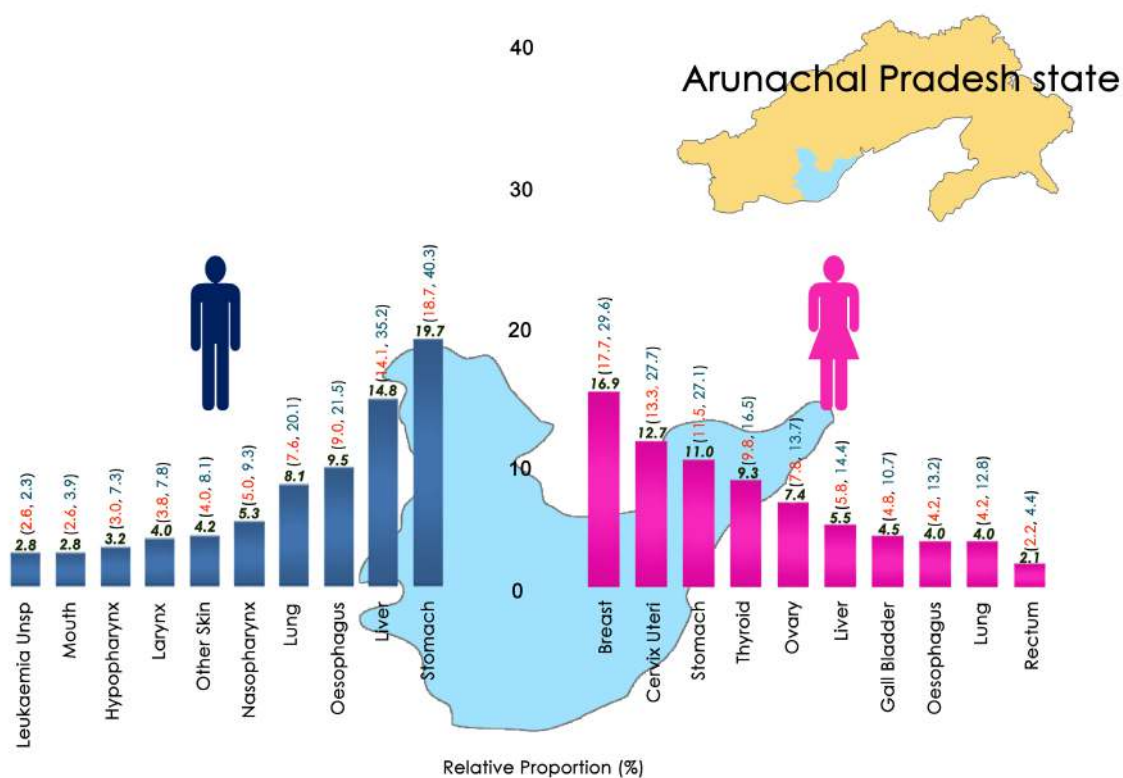
Fig. 2.22(a) Ten Leading Sites of Cancer (2012-2016)



CRs and AARs given in parentheses

## Papumpare district

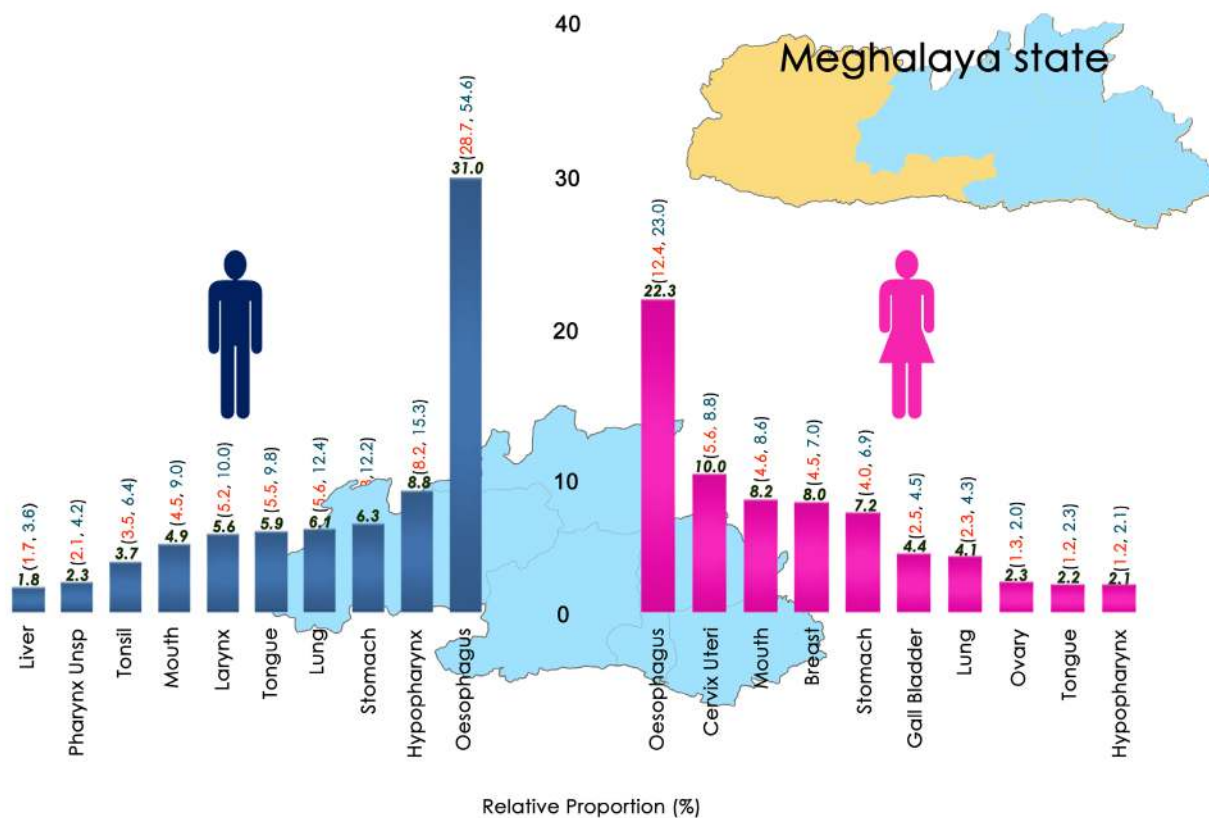
Fig. 2.22(b) Ten Leading Sites of Cancer (2012-2016)



CRs and AARs given in parentheses

## Meghalaya

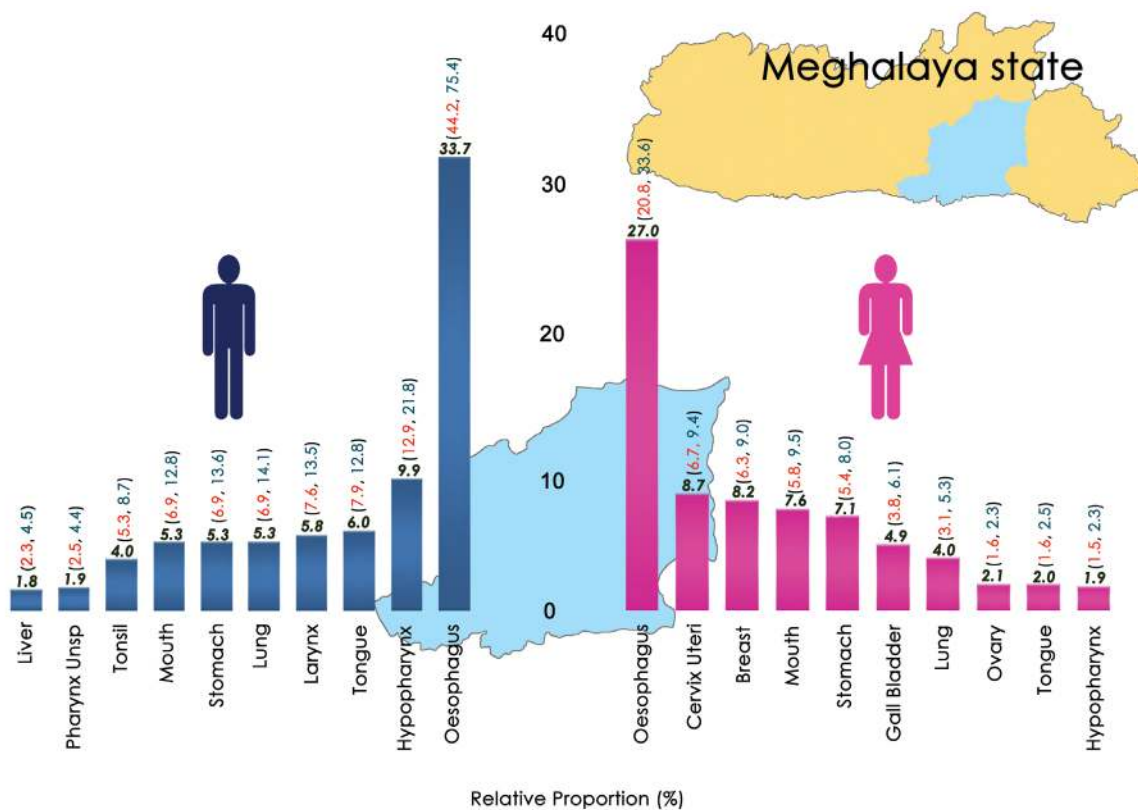
Fig. 2.23(a) Ten Leading Sites of Cancer (2012-2016)



CRs and AARs given in parentheses

## East Khasi Hills district

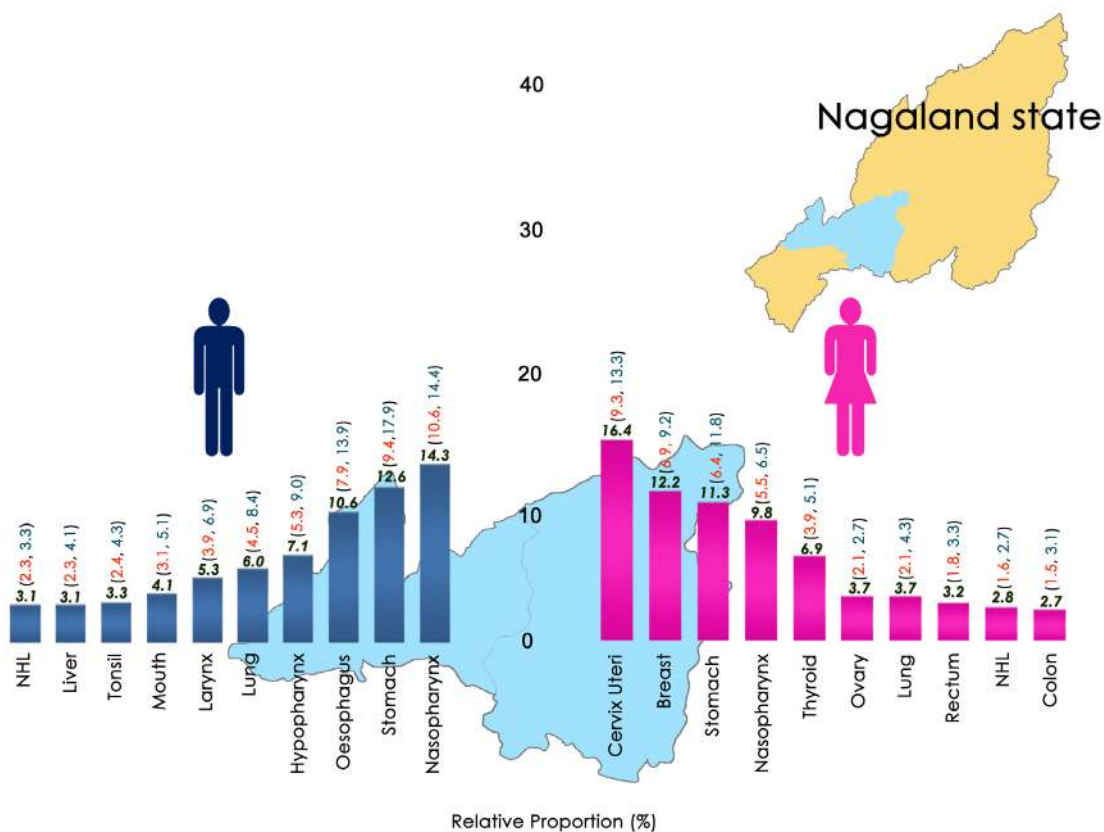
Fig. 2.23(b) Ten Leading Sites of Cancer (2012-2016)



CRs and AARs given in parentheses

## Nagaland

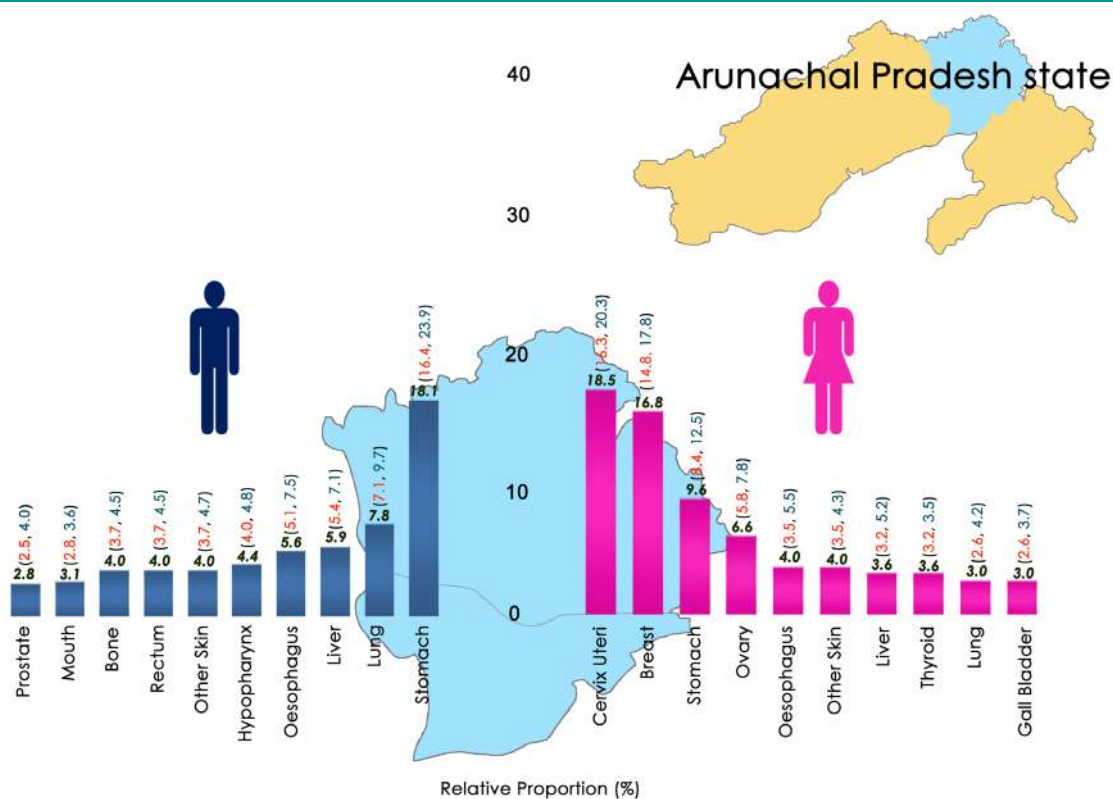
Fig. 2.24 Ten Leading Sites of Cancer (2012-2016)



CRs and AARs given in parentheses

## Pasighat

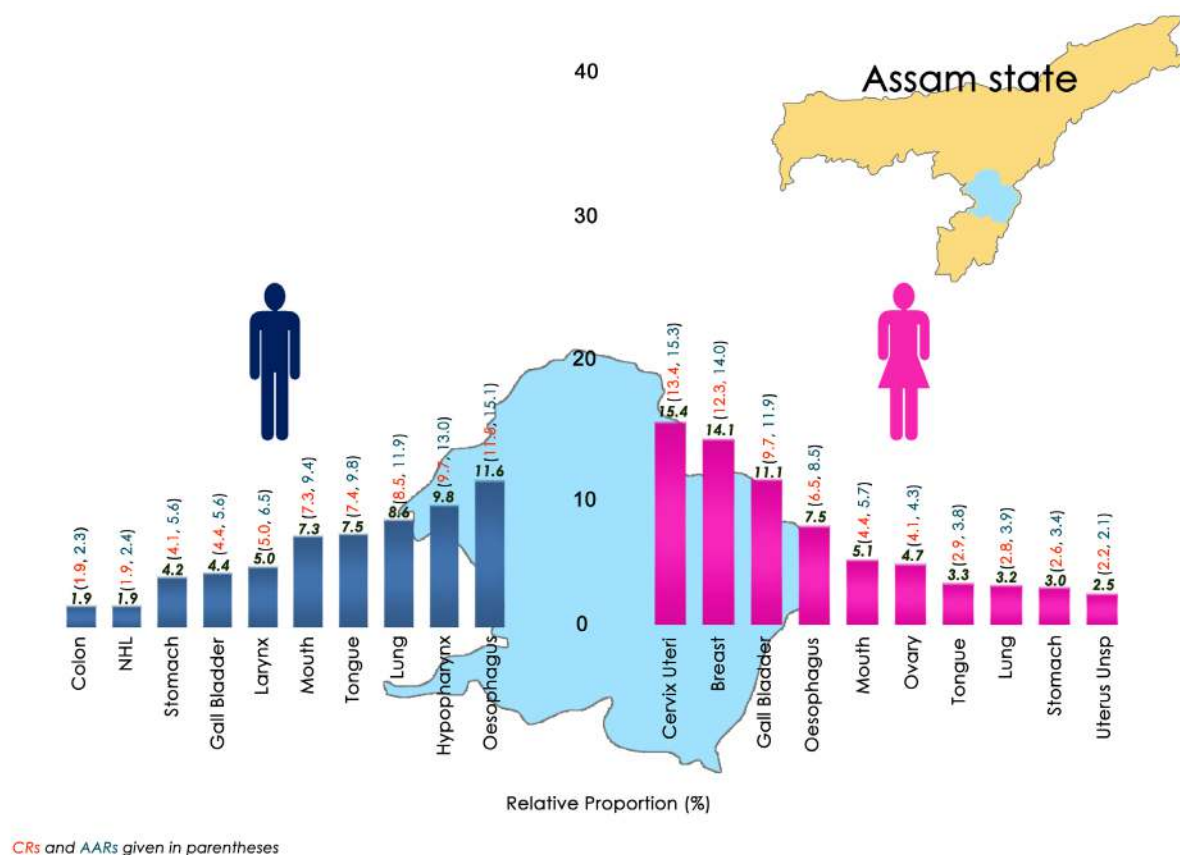
Fig. 2.25 Ten Leading Sites of Cancer (2012-2016)



CRs and AARs given in parentheses

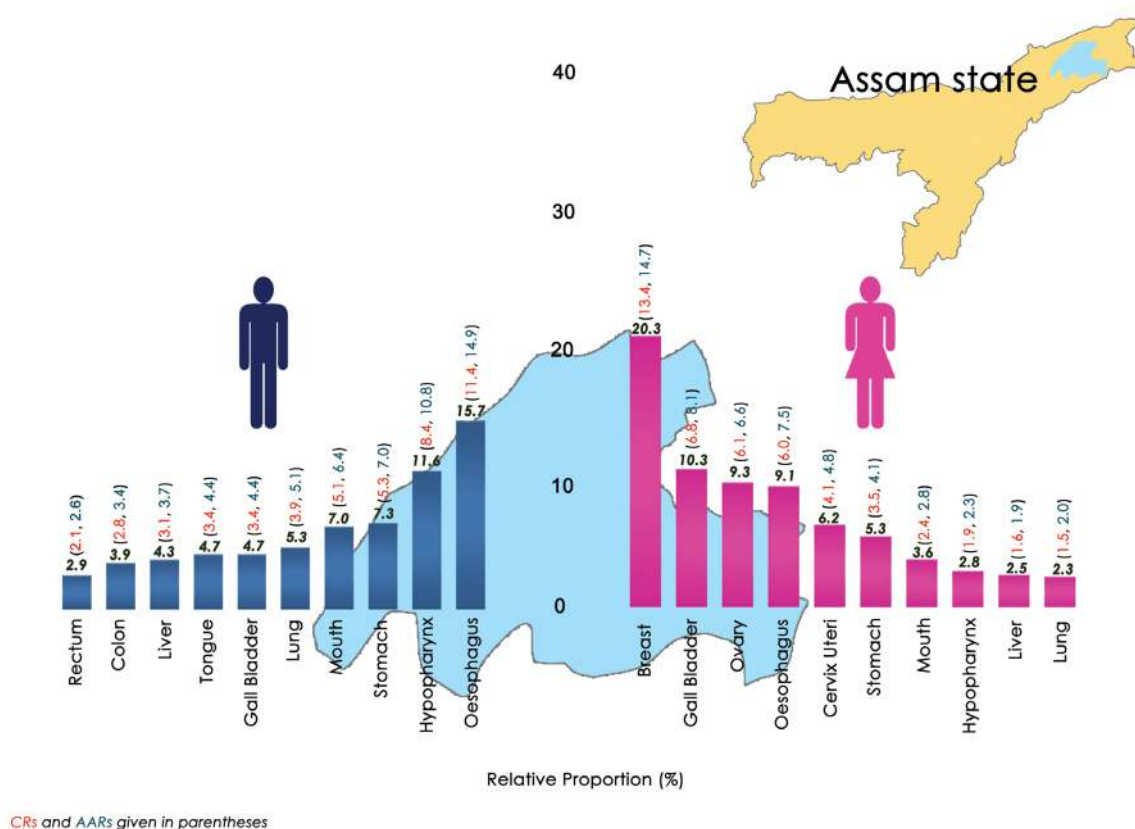
## Cachar district

Fig. 2.26 Ten Leading Sites of Cancer (2012-2016)



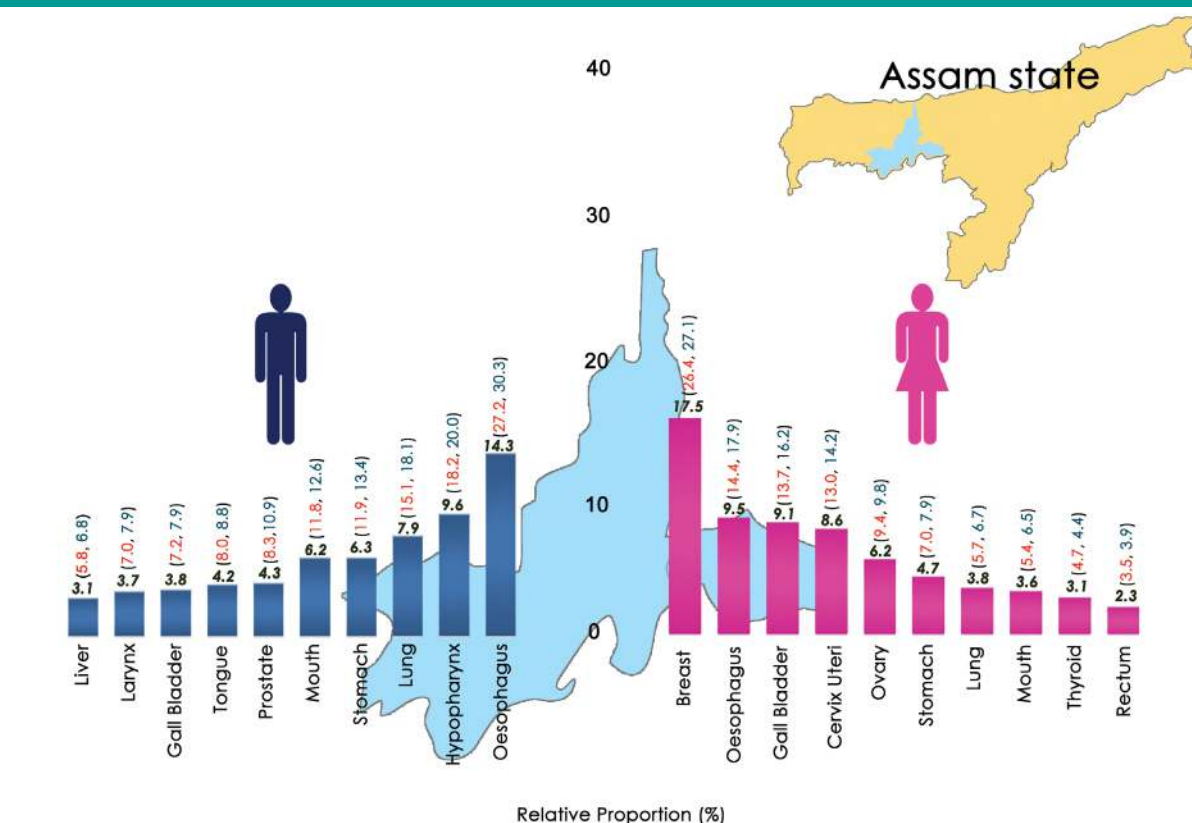
## Dibrugarh district

Fig. 2.27 Ten Leading Sites of Cancer (2012-2016)





**Kamrup urban**  
**Fig. 2.28 Ten Leading Sites of Cancer (2012-2016)**



## Changes in ten leading sites of cancer in six selected PBCRs (1982-2016)

The changes in leading sites of cancer in six old PBCRs, Barshi rural (1988-2016), Bangalore (1982-2014), Bhopal (1988-2015), Chennai (1982-2016), Delhi (1988-2014) and Mumbai (1982-2015) were observed for the first ten and last ten years data.

### Barshi rural (1988-2016)

#### Males

Hypopharynx (10.5)	Mouth (8.6)
Oesophagus (9.1)	Oesophagus (7.7)
Penis (6.3)	Liver (6.0)
Mouth (5.5)	Prostate (5.5)
Tongue (4.5)	Stomach (4.5)
Larynx (4.4)	NHL (4.0)
Liver (4.2)	Brain, NS (3.8)
Rectum (4.0)	Other Skin (3.8)
Myeloid Leukaemia (3.4)	Larynx (3.8)
Lung (3.2)	Lung (3.6)
1988-1997	2007-2016

#### Females

Cervix Uteri (49.6)	Cervix Uteri (28.2)
Breast (15.1)	Breast (18.7)
Oesophagus (3.8)	Ovary (5.0)
Ovary (2.5)	Oesophagus (4.8)
Other Skin (1.9)	Other Skin (2.9)
Mouth (1.7)	Lung (2.9)
Stomach (1.6)	Stomach (2.5)
Rectum (1.3)	Thyroid (2.2)
NHL (1.2)	Mouth (2.2)
Myeloid Leukaemia (1.2)	Colon (2.0)
1988-1997	2007-2016

**Bangalore (1982-2014)****Males**

Stomach (9.8)	Lung (9.3)
Lung (8.1)	Stomach (7.5)
Oesophagus (8.0)	Prostate (6.7)
Hypopharynx (5.3)	Oesophagus (6.1)
Larynx (4.0)	NHL (4.3)
NHL (3.9)	Liver (4.2)
Prostate (3.9)	Tongue (4.1)
Mouth (3.5)	Mouth (3.8)
Tongue (3.3)	Brain, NS (3.8)
Brain, NS (3.2)	Colon (3.6)

1982-1991

2005-2014

**Females**

Cervix Uteri (24.5)	Breast (27.6)
Breast (16.5)	Cervix Uteri (13.4)
Mouth (7.4)	Ovary (5.9)
Oesophagus (6.4)	Mouth (4.1)
Stomach (4.3)	Corpus Uteri (3.9)
Ovary (4.0)	Oesophagus (3.9)
Thyroid (2.7)	Stomach (3.6)
Rectum (1.7)	Thyroid (3.3)
NHL (1.6)	Lung (3.2)
Brain, NS (1.5)	Colon (2.3)

1982-1991

2005-2014

**Bhopal (1988-2015)****Males**

Lung (11.8)	Mouth (14.1)
Tongue (8.6)	Lung (10.7)
Mouth (7.7)	Tongue (9.5)
Oesophagus (7.0)	Larynx (5.2)
Hypopharynx (6.4)	Oesophagus (4.8)
Prostate (4.1)	Prostate (4.5)
Larynx (3.7)	Hypopharynx (4.3)
Brain, NS (3.6)	NHL (3.6)
Stomach (3.5)	Myeloid Leukaemia (2.6)
Myeloid Leukaemia (2.8)	Brain, NS (2.6)

1988-1997

2006-2015

**Females**

Cervix Uteri (23.8)	Breast (28.4)
Breast (21.8)	Cervix Uteri (14.1)
Ovary (6.3)	Ovary (7.6)
Mouth (4.9)	Mouth (4.9)
Oesophagus (4.7)	Gall Bladder (4.8)
Gall Bladder (2.7)	Oesophagus (4.1)
Lung (2.3)	Tongue (3.0)
Brain, NS (2.1)	Lung (3.0)
Corpus Uteri (1.9)	Corpus Uteri (2.6)
Myeloid Leukaemia (1.8)	NHL (1.9)

1988-1997

2006-2015

## Chennai (1982-2016)

## Males

Stomach (13.9)	Lung (10.1)
Lung (9.1)	Stomach (9.4)
Oesophagus (7.9)	Mouth (7.7)
Mouth (6.5)	Tongue (6.3)
Hypopharynx (5.2)	Prostate (5.4)
Tongue (4.8)	Oesophagus (4.6)
Larynx (4.3)	NHL (3.9)
NHL (3.8)	Larynx (3.8)
Brain, NS (2.8)	Liver (3.7)
Penis (2.7)	Rectum (3.7)
1982-1991	2007-2016

## Females

Cervix Uteri (34.4)	Breast (30.2)
Breast (16.8)	Cervix Uteri (12.5)
Mouth (6.0)	Ovary (6.1)
Stomach (5.0)	Stomach (4.3)
Oesophagus (4.6)	Corpus Uteri (3.9)
Ovary (4.5)	Lung (3.3)
Hypopharynx (1.7)	Mouth (3.2)
Thyroid (1.4)	Oesophagus (2.8)
NHL (1.4)	Colon (2.6)
Corpus Uteri (1.3)	NHL (2.3)
1982-1991	2007-2016

## Delhi (1988-2014)

## Males

Lung (9.3)	Lung (10.2)
Larynx (6.9)	Prostate (6.6)
Tongue (4.7)	Tongue (6.6)
Brain, NS (4.7)	Mouth (6.3)
NHL (4.7)	Larynx (5.6)
Oesophagus (4.5)	Urinary Bladder (4.6)
Urinary Bladder (4.1)	NHL (4.6)
Prostate (4.0)	Oesophagus (3.9)
Mouth (3.2)	Brain, NS (3.6)
Stomach (3.0)	Gall Bladder (3.4)
1988-1997	2005-2014

## Females

Breast (21.3)	Breast (27.3)
Cervix Uteri (19.9)	Cervix Uteri (12.0)
Ovary (6.3)	Gall Bladder (7.5)
Gall Bladder (5.5)	Ovary (7.3)
Oesophagus (2.7)	Corpus Uteri (3.6)
Brain, NS (2.6)	Lung (3.1)
NHL (2.2)	NHL (2.6)
Myeloid Leukaemia (1.9)	Oesophagus (2.3)
Corpus Uteri (1.9)	Brain, NS (2.1)
Lung (1.8)	Thyroid (2.1)
1988-1997	2005-2014



**Mumbai (1982-2015)****Males**

Lung (10.1)	Lung (9.2)
Oesophagus (7.8)	Mouth (8.9)
Hypopharynx (6.4)	Prostate (7.6)
Larynx (6.2)	Liver (5.3)
Tongue (5.5)	Tongue (5.2)
Stomach (5.4)	NHL (4.6)
Mouth (5.3)	Larynx (4.2)
Prostate (3.8)	Stomach (4.2)
NHL (3.4)	Oesophagus (3.9)
Brain, NS (2.9)	Colon (3.6)
<b>1982-1991</b>	<b>2006-2015</b>

**Females**

Breast (22.4)	Breast (30.1)
Cervix Uteri (17.4)	Cervix Uteri (9.3)
Oesophagus (6.1)	Ovary (6.6)
Ovary (5.7)	Lung (4.0)
Mouth (3.5)	Corpus Uteri (3.6)
Stomach (3.1)	Mouth (3.3)
Lung (2.3)	NHL (2.7)
NHL (2.1)	Gall Bladder (2.7)
Colon (2.0)	Oesophagus (2.6)
Brain, NS (1.9)	Colon (2.6)
<b>1982-1991</b>	<b>2006-2015</b>

**Males**

Barshi rural - Mouth cancer was the leading site in recent period (2007-2016) which was fourth leading site in 1988-1997.

Bangalore - Stomach cancer was the top leading site of cancer followed by lung in the period 1982-1991, whereas the order interchanged in the period 2005-2014.

Bhopal - Mouth cancer was the leading site in the period 2006-2015 and it was the third leading site of cancer in the period 1988-1997.

Chennai - Stomach was the leading site of cancer in the period 1988-1991 and lung cancer was the second leading site. However, both stomach and lung cancer continued to be at the top but exchanged the top two positions in 2007-2016.

Delhi - Lung cancer remained in the same position as the leading site in both the periods. Prostate was the second leading site in the period 2005-2014 which was in the eighth position previously.

Mumbai - Lung cancer continued to be the top leading site across the years. Oesophagus, which was the second leading site of cancer in 1982-1991 became the ninth leading site in 2006-2015, whereas mouth cancer occupied the second position in 2006-2015.

**Females**

Cancer of breast followed by cervix uteri was the leading site of cancer in Delhi and Mumbai over the years. In Barshi rural, cervix uteri followed by breast cancer was the leading site all along. Bangalore, Chennai and Bhopal had cervix uteri followed by breast as the leading site in the earlier years which interchanged in the recent period.