

Chapter 7

COMPARISON OF CANCER INCIDENCE AND PATTERNS OF ALL POPULATION BASED CANCER REGISTRIES

This chapter compares the cancer incidence and its pattern among all the PBCRs.

All Sites (ICD-10: C00-C97)

Figure 7.1 compares the Age Adjusted Rates (AARs) of all sites in males and females respectively. Among males, six North East registry areas show a higher AAR compared to Thiruvananthapuram which has the highest AAR (132.6 per 100,000) among other PBCRs. Thus, Aizawl District (273.4 per 100,000) has the highest AAR and has approximately twice the AAR of Thiruvananthapuram. East Khasi Hills District in Meghalaya has the second highest AAR (216.0) followed by Mizoram State (189.5) and Kamrup Urban District (185.2). Among the new registries Meghalaya had higher AAR (157.3) compared to Nagaland State (126.1) and Tripura State (78.8). Among females, three registry areas of North East registries showed higher AAR (Aizawl District 227.8, Kamrup Urban District 156.3 and Mizoram State 153.7) compared to Bangalore which had the highest AAR (137.2) among other PBCRs.

Male-Female Ratio (M:F Ratio)

Cancer incidence rates have shown variation between the sexes, especially for certain sites of cancer. Both Bangalore and Chennai have since inception shown, for all sites of cancer, a consistently higher AAR in women compared to men. The M:F ratio of AARs for all sites varied from 0.77 in Barshi to 1.88 in the newer registry of Meghalaya. Except cancers of the thyroid and gallbladder all the leading sites of cancer show a higher AAR in men compared to women. In all PBCRs, females with cancer of the thyroid show a higher AAR. Wide variations in the M:F ratios are seen for the leading sites of cancer among different PBCRs being most pronounced in cancers of the liver, mouth, gallbladder, larynx and non-Hodgkin's lymphoma.

Figures 7.2 to 7.22 give the AAR comparison of selected leading sites of cancer.

Tongue (ICD-10: C01-C02)

Males: Ahmedabad Urban had the highest AAR (12.2) among all the PBCRs. Kamrup Urban District showed highest AAR (9.4) among the North East registries.

Females: The North Eastern registry areas of Kamrup Urban District and East Khasi Hills of Meghalaya shared the top place with Ahmedabad Urban for the highest AAR of 3.2 per 100,000 among all the PBCRs.

Mouth (ICD-10: C03-C06)

Males: Ahmedabad Urban District showed the highest AAR (17.1) followed by Bhopal (12.5).

Females: Kamrup Urban District and East Khasi Hills of Meghalaya had high AARs of 7.6 and 7.3 respectively followed by Bangalore (6.2).

Nasopharynx (ICD-10: C11)

Males: Ten North Eastern registry areas had higher AARs with Nagaland State having the highest (21.0). Chennai had higher AAR of 1.1 among older registries.

Females: Aizawl District had higher AARs (5.2) among North East registries. Thiruvananthapuram had higher AAR of 0.4 among other registries.

Hypopharynx (ICD-10: C12-13)

Males: The AARs of East Khasi Hills District of Meghalaya (21.5) and the state of Meghalaya as a whole (17.4) were higher followed by Aizawl District (15.4).

Females: Kamrup Urban District showed the highest AAR (3.6) followed by Cachar District (2.6).

Oesophagus (ICD-10: C15)

Males: East Khasi Hills showed the highest AAR (71.4) followed by the state of Meghalaya (46.2).

Females: East Khasi Hills showed the highest AAR (30.2) followed by the state of Meghalaya (19.8).

Stomach (ICD-10: C16)

Males: Aizawl District (64.2), Mizoram State (47.6), Mizoram excluding Aizawl District (38.9) and Nagaland State (26.2) were in the lead among all the PBCRs. Chennai had the highest AAR (12.2) among all the older PBCRs.

Females: All the three areas in Mizoram i.e. Aizawl District (31.2), Mizoram State (22.7) and Mizoram State excluding Aizawl District (18.1) had higher AARs followed by Nagaland State (12.5). Bangalore had the highest AAR (5.5) among all the older PBCRs.

Colon (ICD-10: C18)

Males: Thiruvananthapuram (4.1) had the highest AAR followed by Bangalore (3.9) and Mumbai (3.7).

Females: Nagaland PBCR had the highest AAR (5.2) followed by Aizawl District in Mizoram State (4.5).

Liver (ICD-10: C22)

Males: Aizawl District (11.6), Mizoram State (8.0), Sikkim State (7.6), Mizoram excluding Aizawl District (6.0) had higher AARs among all the PBCRs.

Gallbladder (ICD-10: C23-C24)

Males: Kamrup Urban District showed the highest AAR (7.4) followed by Cachar District (5.1).

Females: Kamrup Urban District showed the highest AAR (14.0) followed by Cachar District (10.1) and Delhi (9.2).

Larynx (ICD-10: C32)

Males: East Khasi Hills District (11.1) had the highest AAR followed by Aizawl District (9.5) and Kamrup Urban District (8.2).

Lung (ICD-10: C33-C34)

Males: All the three areas of Mizoram namely, Aizawl District (45.7), Mizoram State (28.3) and Mizoram excluding Aizawl District (19.5) had higher AARs among all the PBCRs.

Females: All the three areas of Mizoram namely, Aizawl District (44.6), Mizoram State (28.7) and Mizoram excluding Aizawl District (19.9) had higher AARs followed by all the three areas of Manipur.

Breast (ICD-10: C50)

Females: Bangalore (36.6), Thiruvananthapuram (35.1), Chennai (32.6) and Nagpur (32.5) had higher AARs among all the PBCRs.

Cervix Uteri (ICD-10: C53)

Females: Aizawl District (24.3) registered the highest AAR followed by Barshi Expanded (19.5), Bangalore (18.9) and Barshi Rural (18.0).

Corpus Uteri (ICD-10: C54)

Females: Bangalore showed the highest AAR (6.2) followed by Thiruvananthapuram (5.7).

Ovary (ICD-10: C56)

Females: Kamrup Urban District (10.7) had the highest AAR followed by Chennai (8.2) and Delhi PBCR (8.2).

Prostate (ICD-10: C61)

Males: Kamrup Urban District showed highest AAR (11.2) followed by Delhi (10.7).

Kidney (ICD-10: C64)

Males: Thiruvananthapuram showed the highest AAR (2.9) followed by Delhi PBCR (2.7).

Urinary Bladder (ICD-10: C67)

Males: Delhi had the highest AAR (6.8) followed by Imphal West District (4.1).

Brain, Nervous System (ICD-10: C70-72)

Males: Delhi showed the highest AAR (3.7) followed by Bangalore (3.4).

Females: Sikkim State (3.6) had the highest AAR followed by Bangalore PBCR (2.8).

Thyroid (ICD-10: C73)

Females: The two registries in Kerala namely, Thiruvananthapuram (10.0) and Kollam (7.3) showed higher AARs followed by Manipur Excluding Imphal West District (4.4).

NHL (ICD-10: C82-C85, C96)

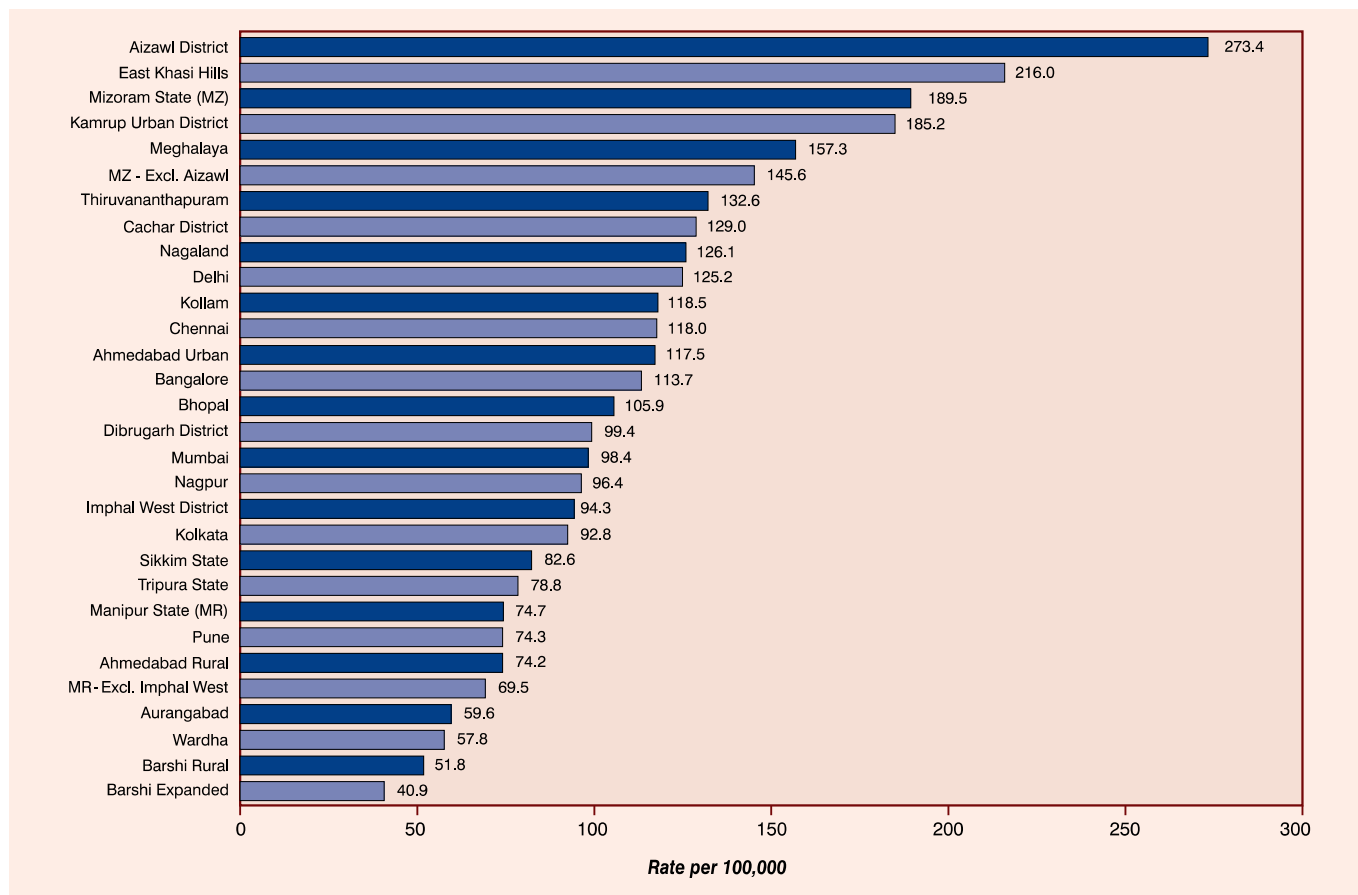
Males: Imphal West District showed the highest AAR (6.3) followed by Thiruvananthapuram (5.6).

Females: Thiruvananthapuram (3.7) had higher AAR followed by Bangalore (3.5).

Fig. 7.1: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs

ALL SITES (ICD-10: C00-C97)

Males



Females

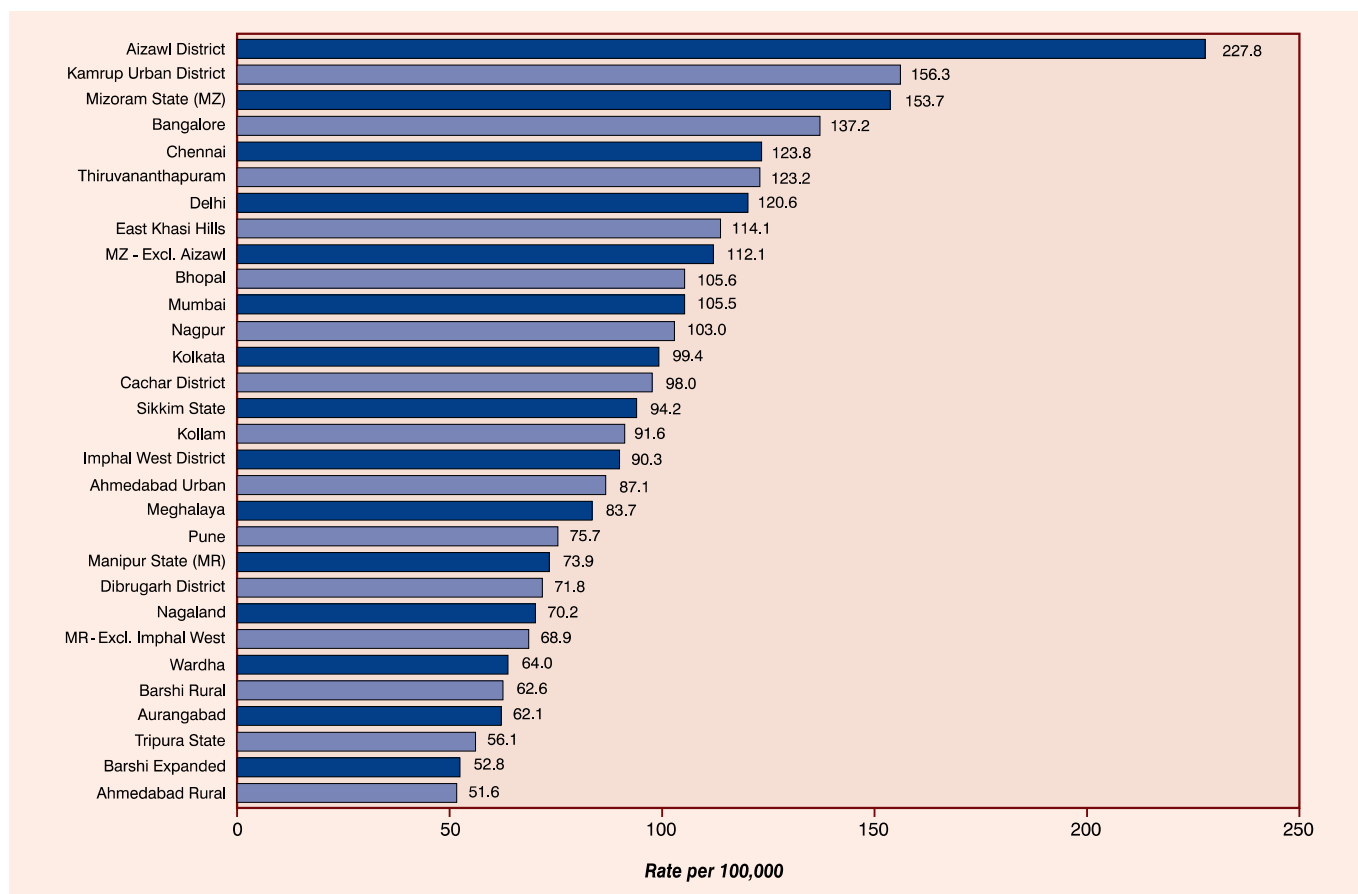
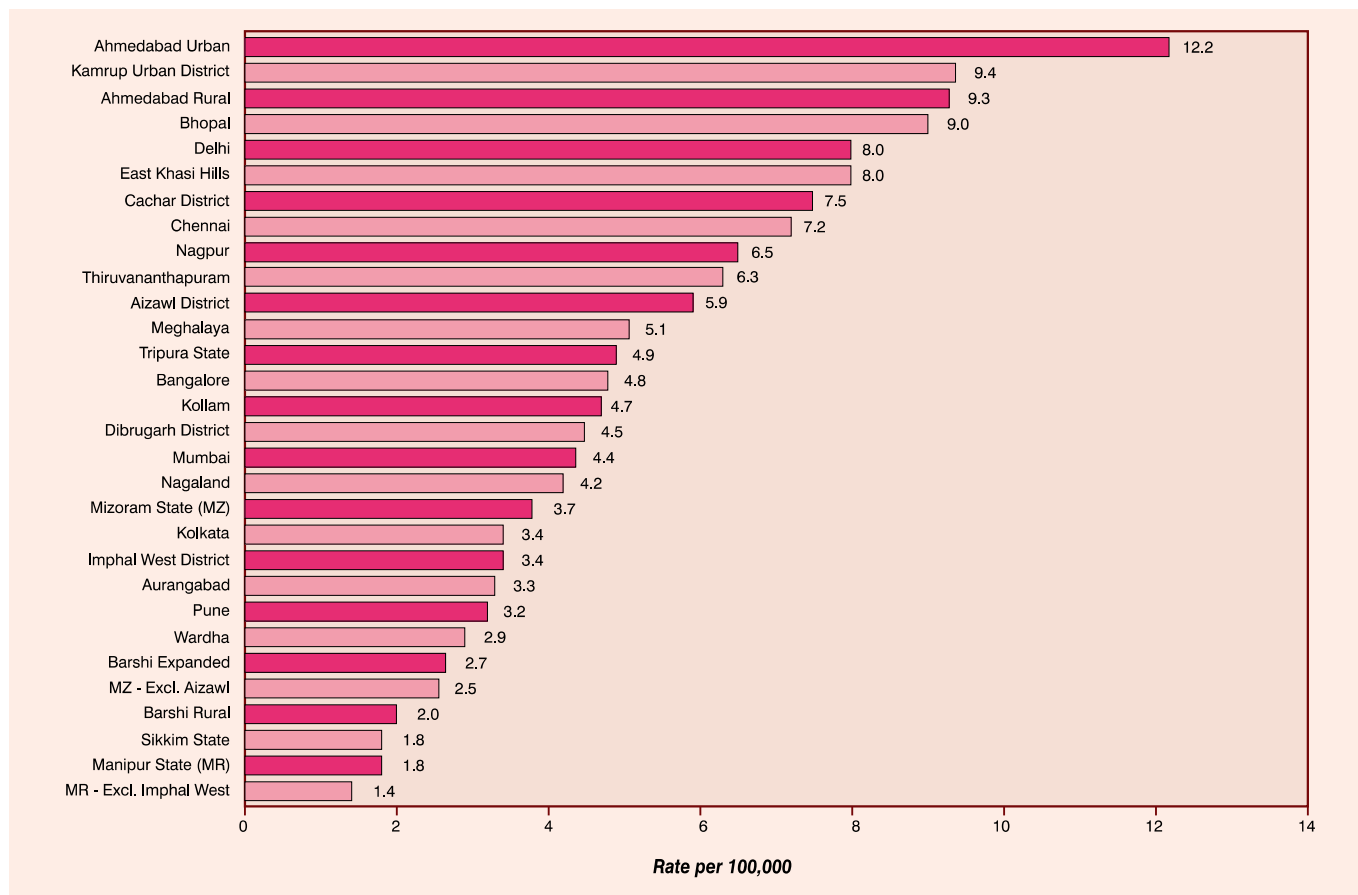


Fig. 7.2: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs

TONGUE (ICD-10: C01-C02)

Males



Females

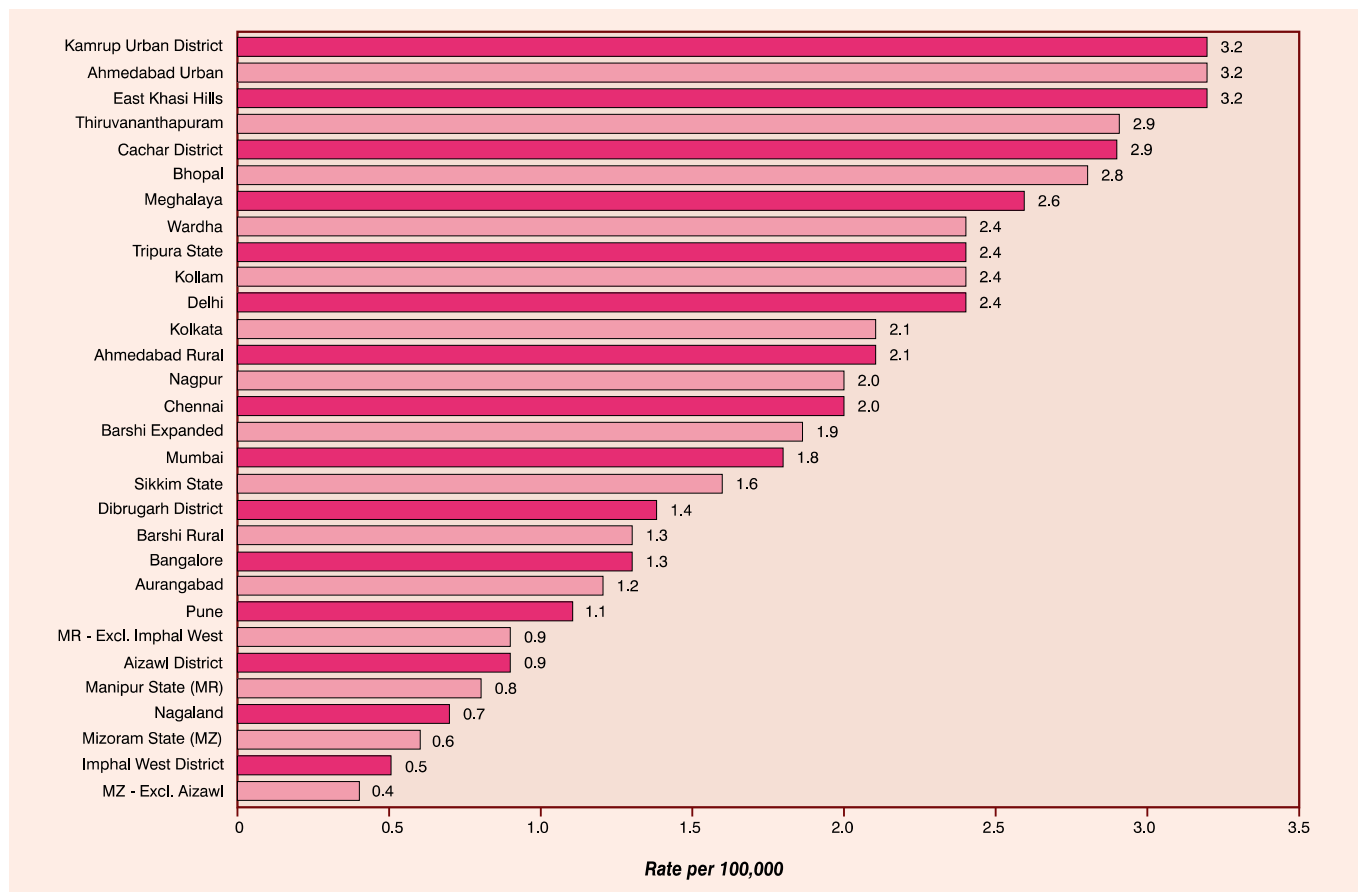
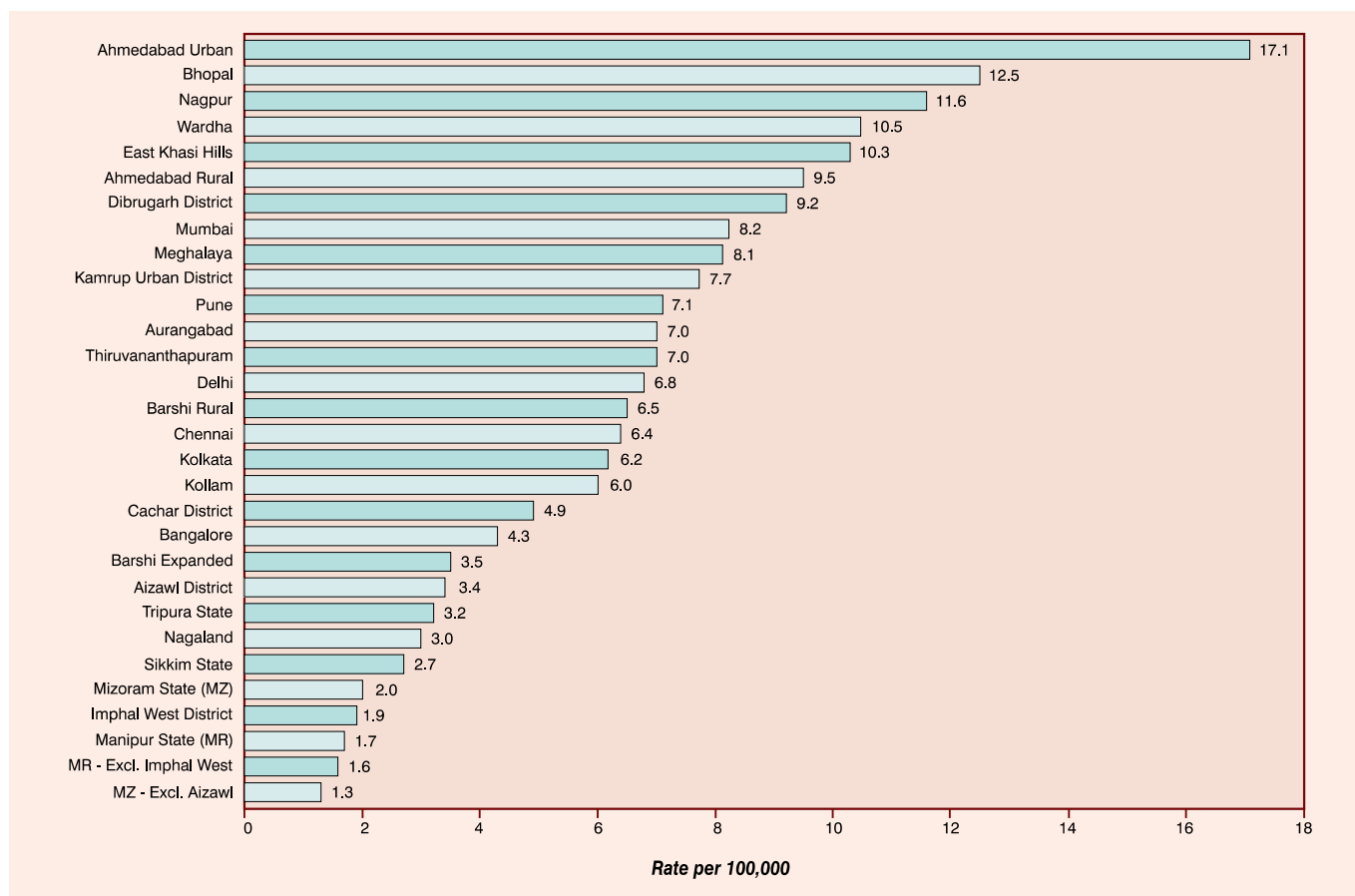


Fig. 7.3: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs MOUTH (ICD-10: C03-C06)

Males



Females

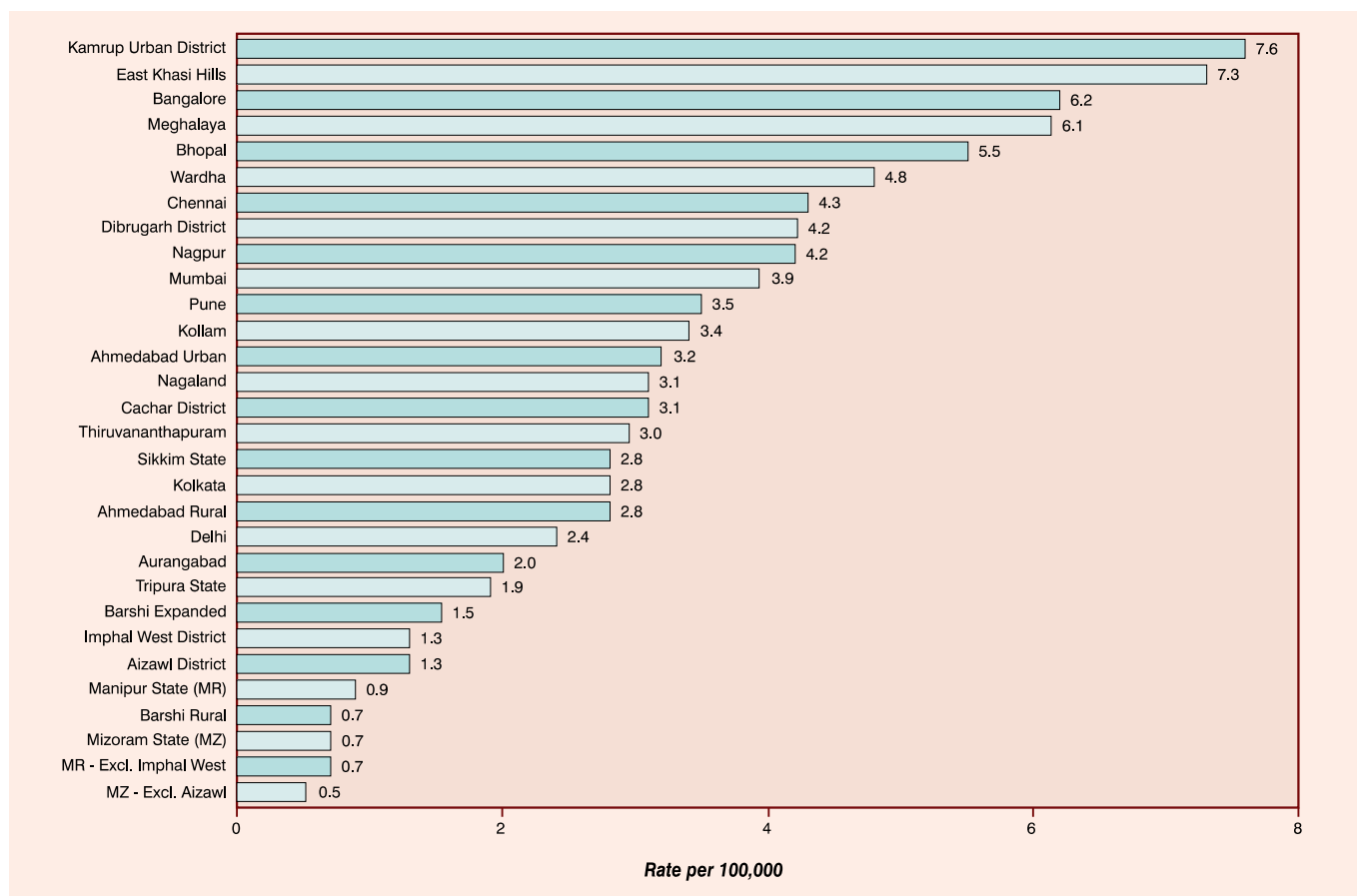
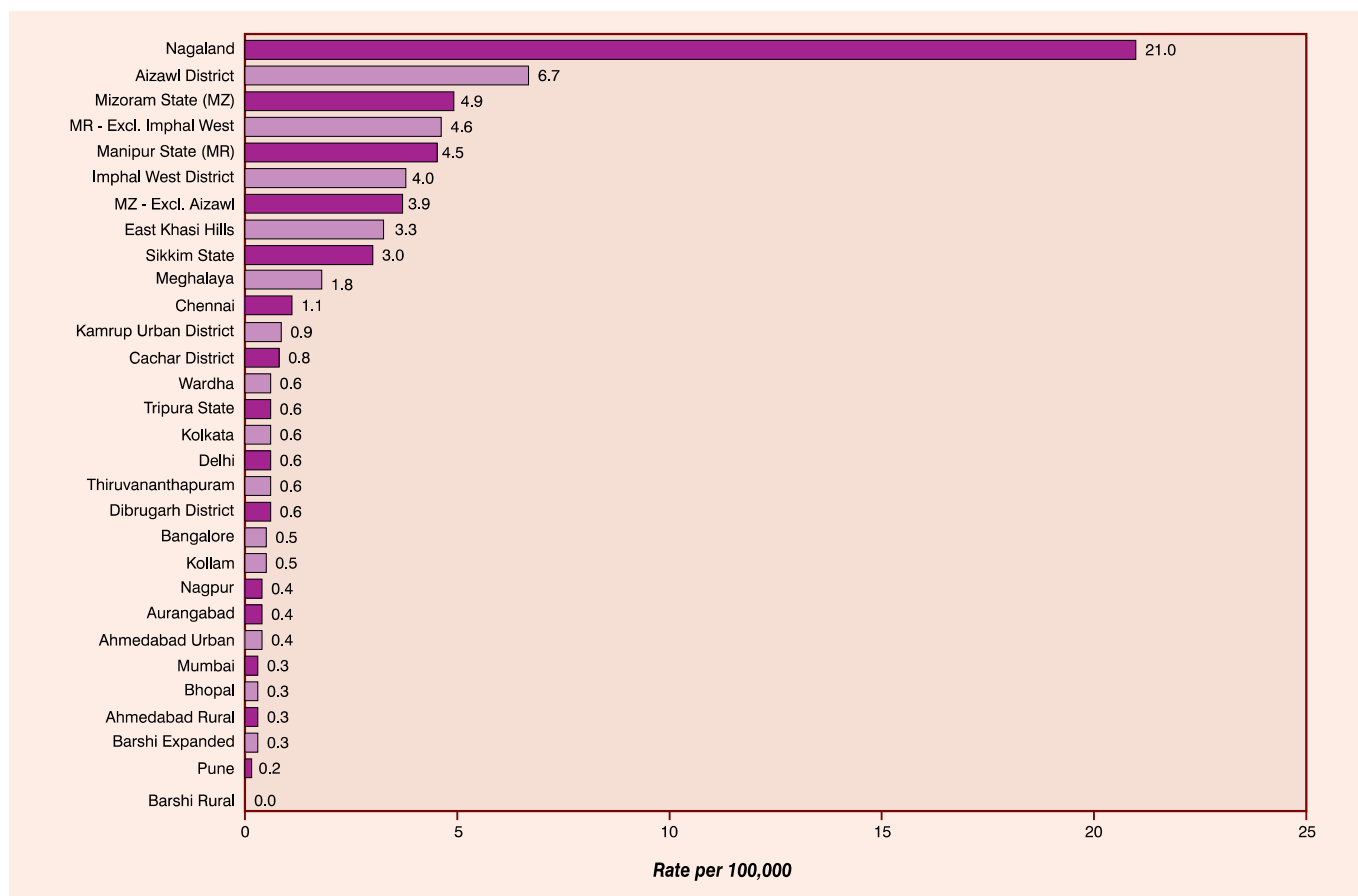
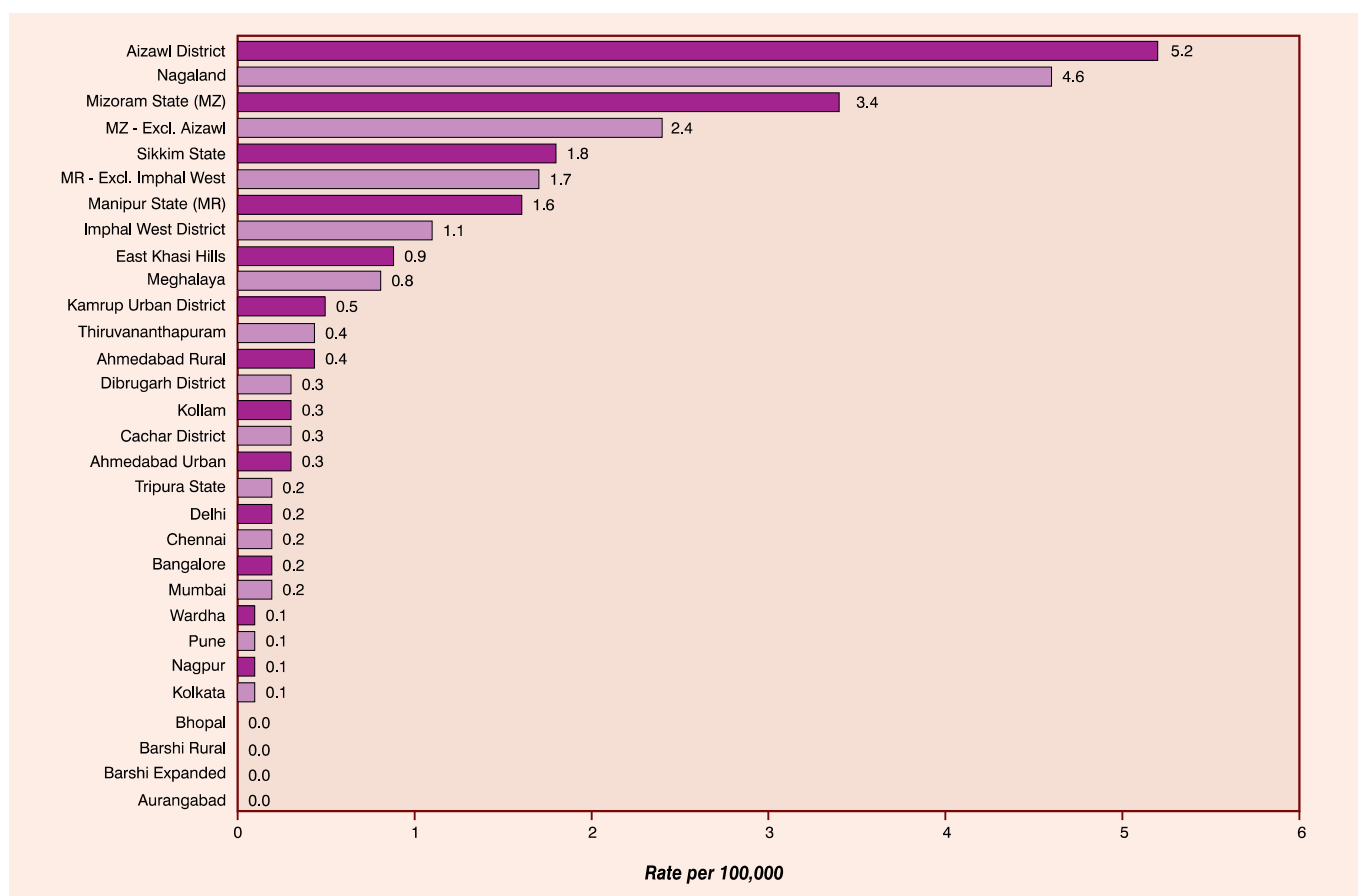


Fig. 7.4: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs NASOPHARYNX (ICD-10: C11)

Males

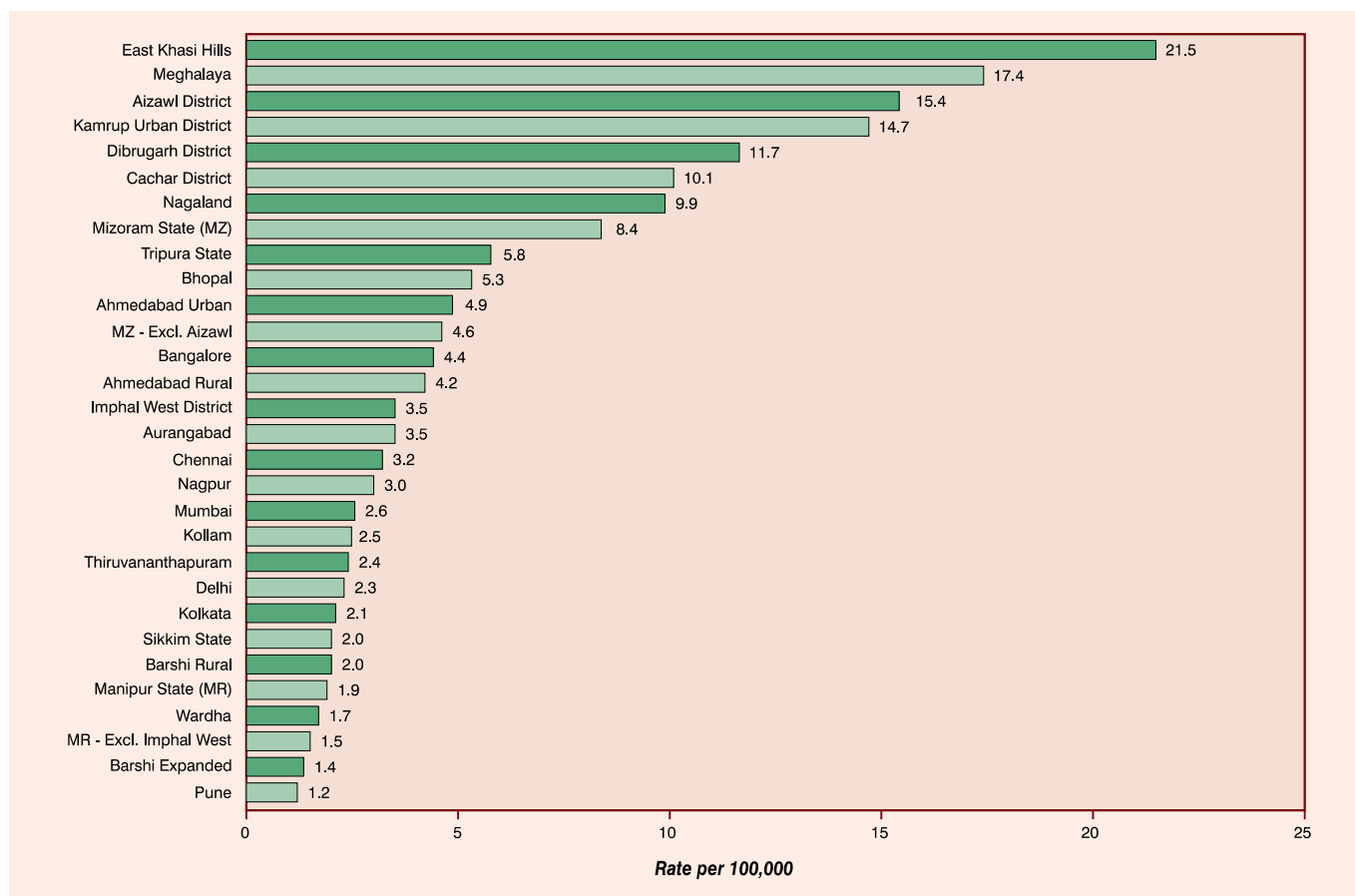


Females

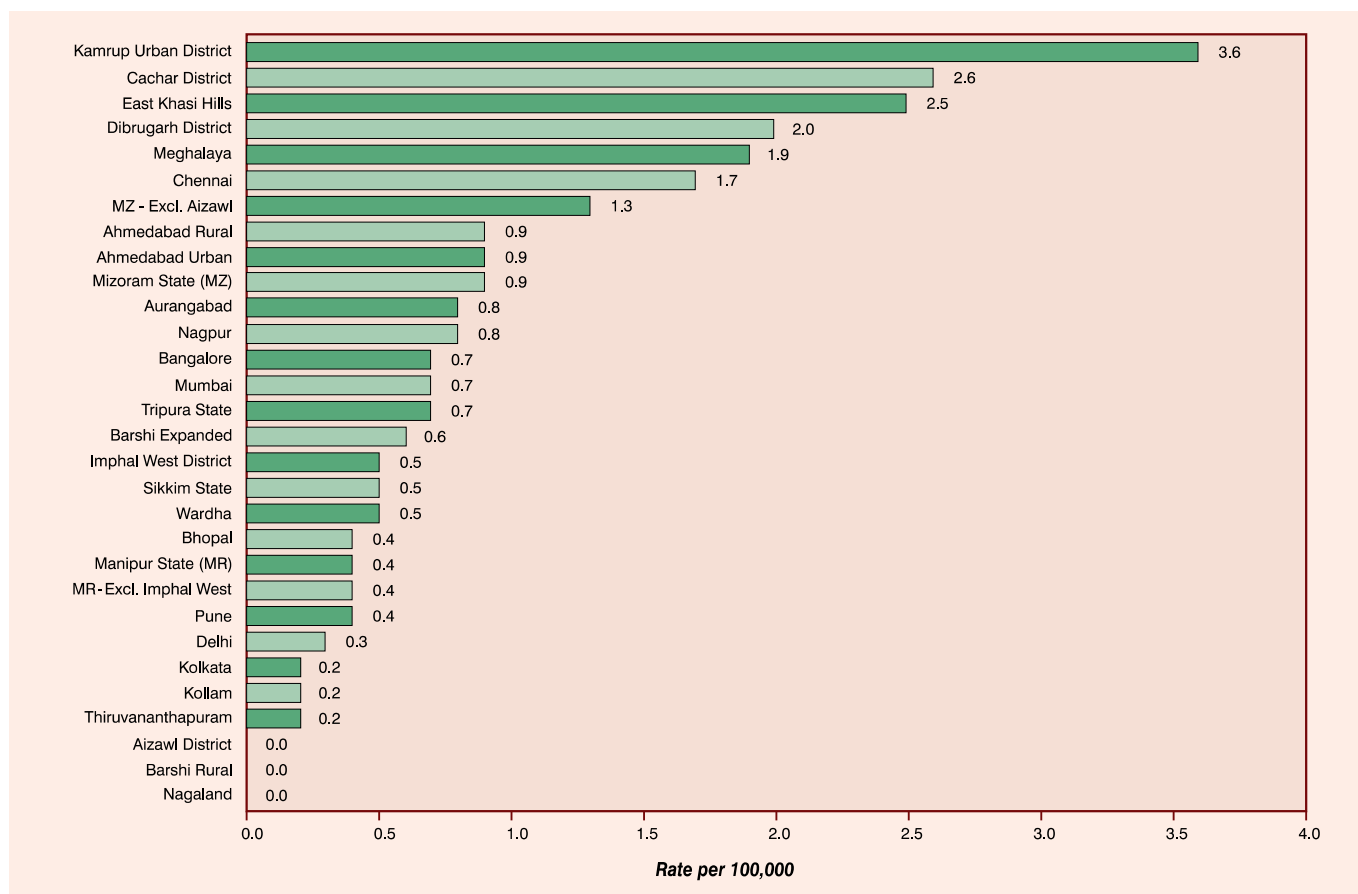


**Fig. 7.5: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs
HYPOPHARYNX (ICD-10: C12-C13)**

Males

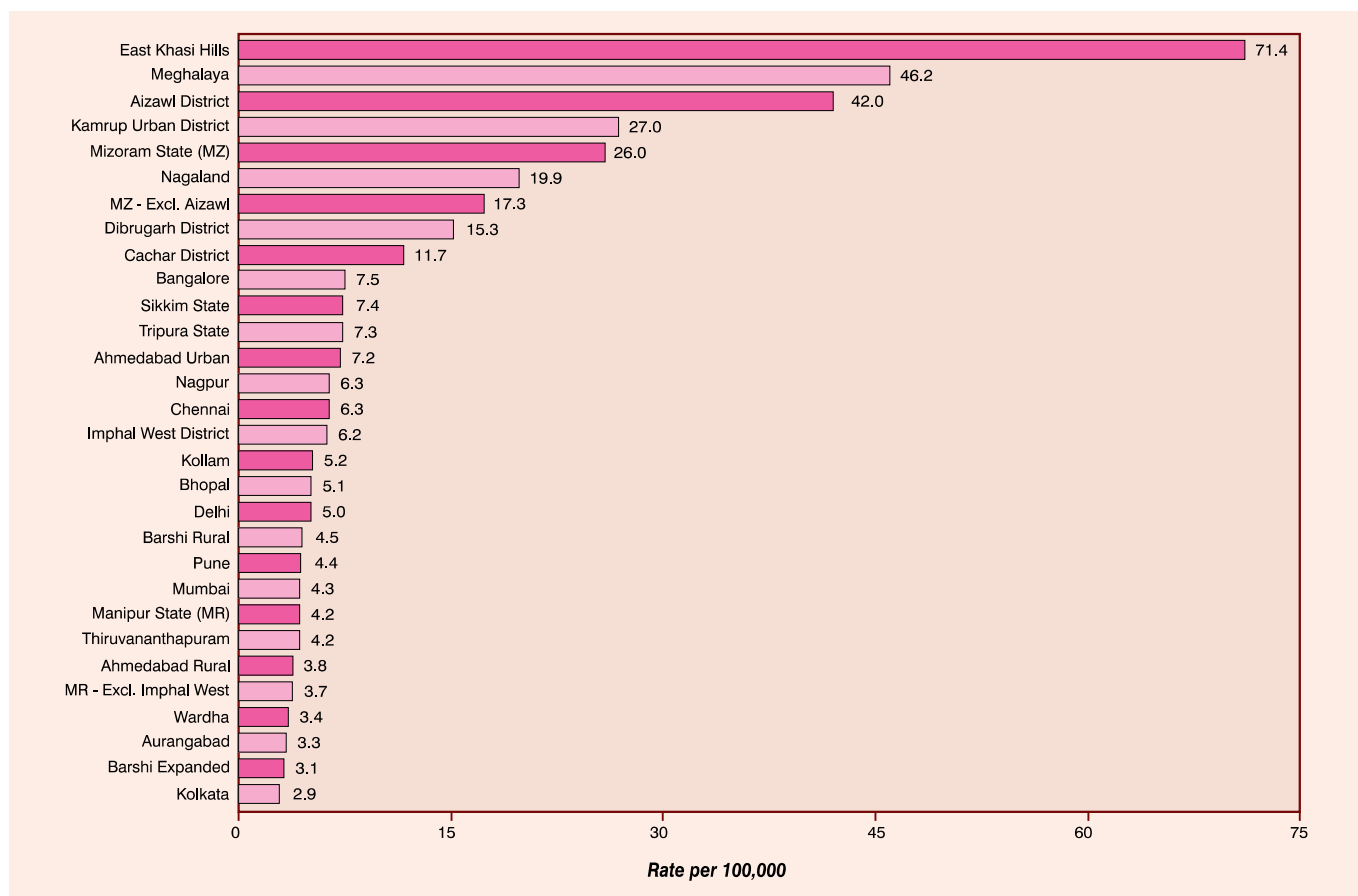


Females

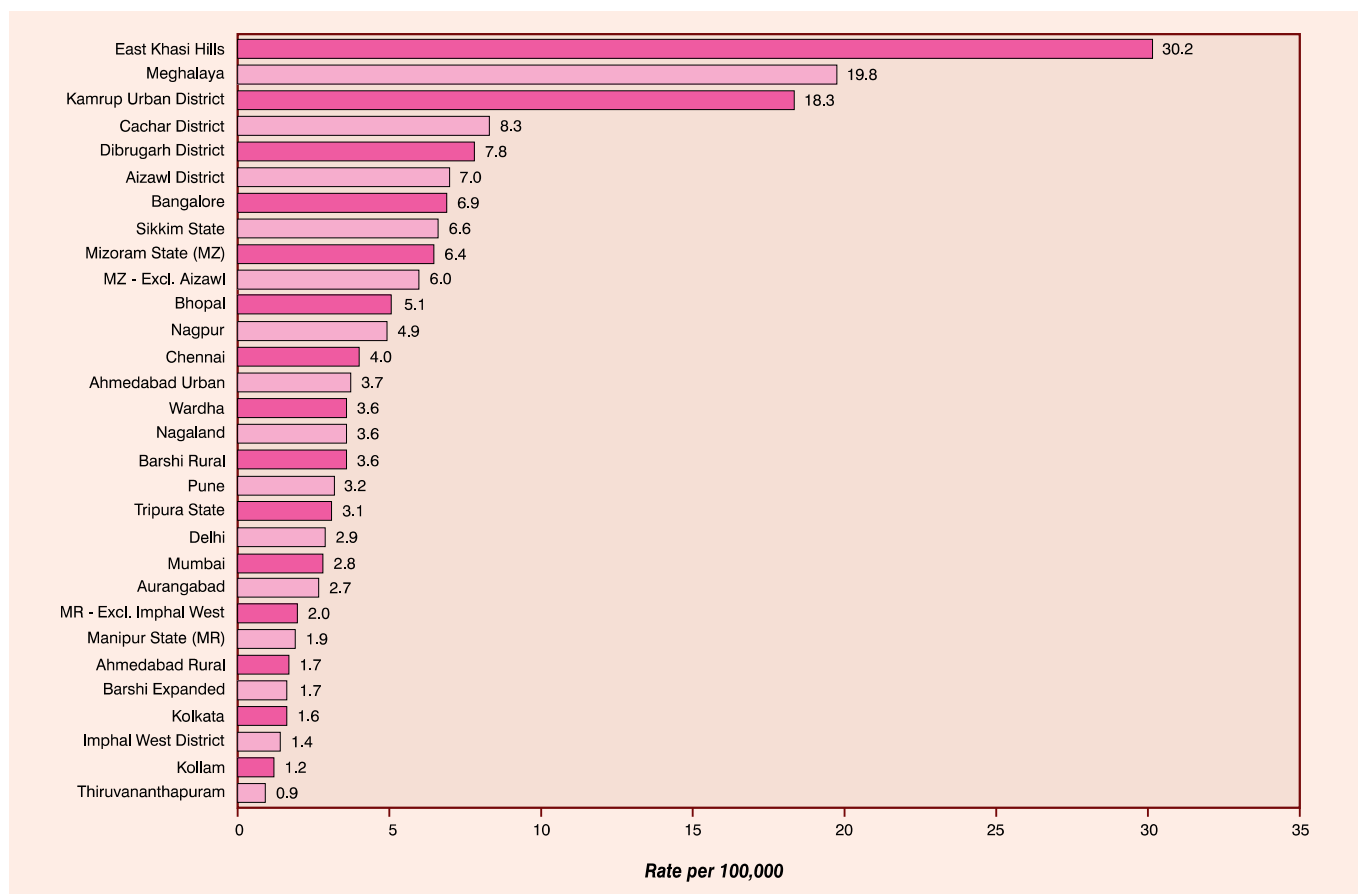


**Fig. 7.6: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs
OESOPHAGUS (ICD-10: C15)**

Males

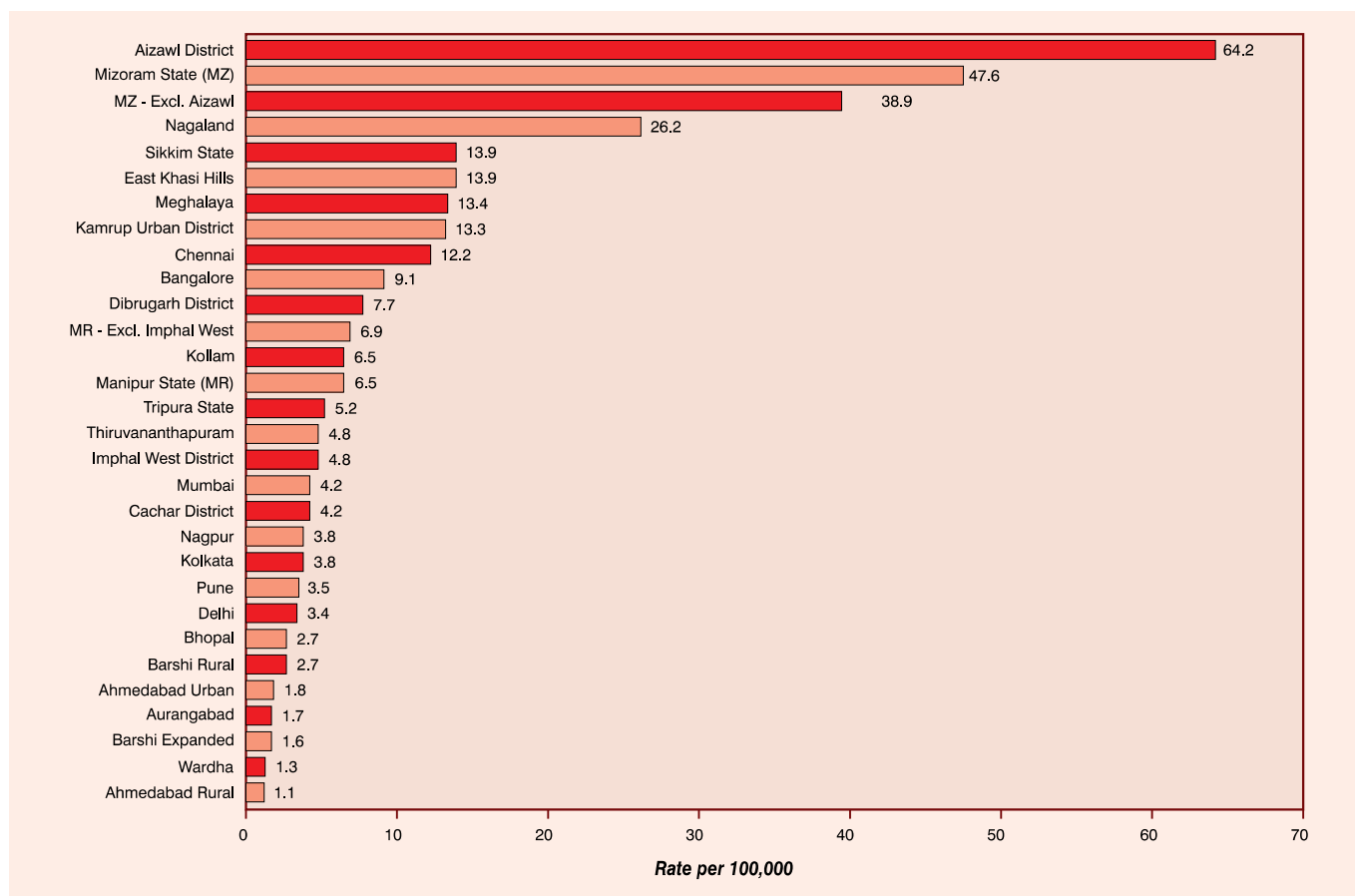


Females



**Fig. 7.7: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs
STOMACH (ICD-10: C16)**

Males



Females

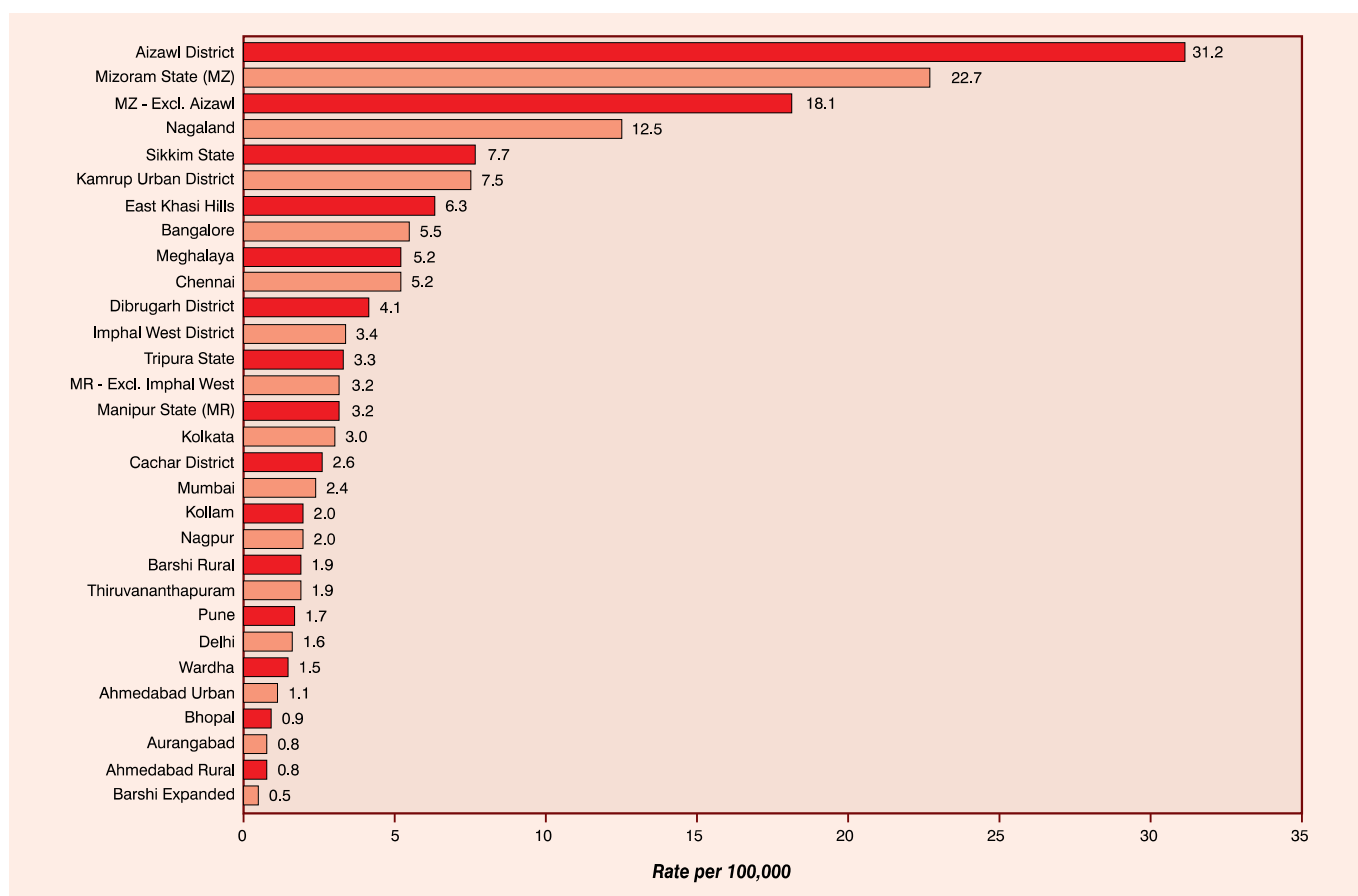
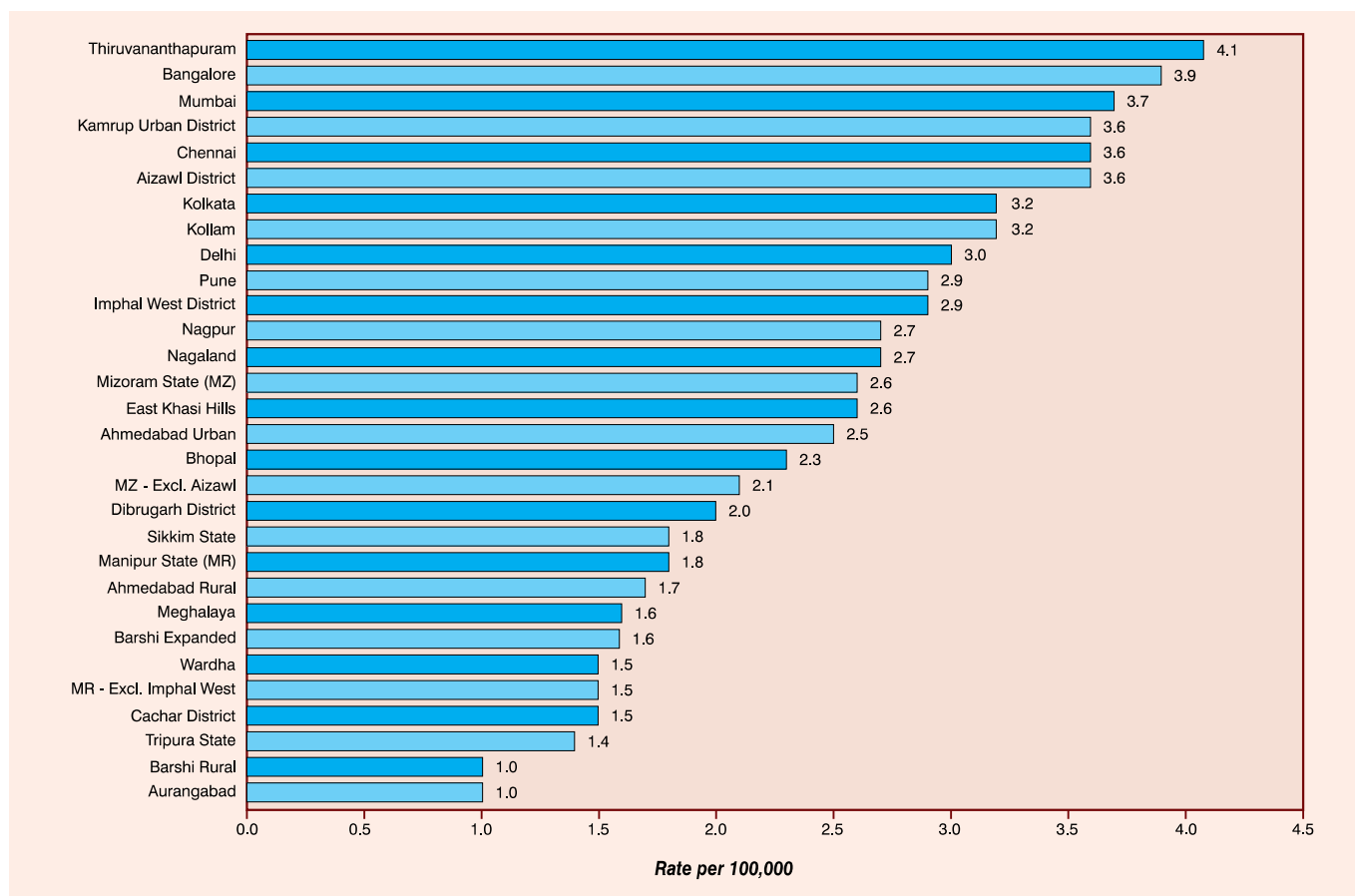


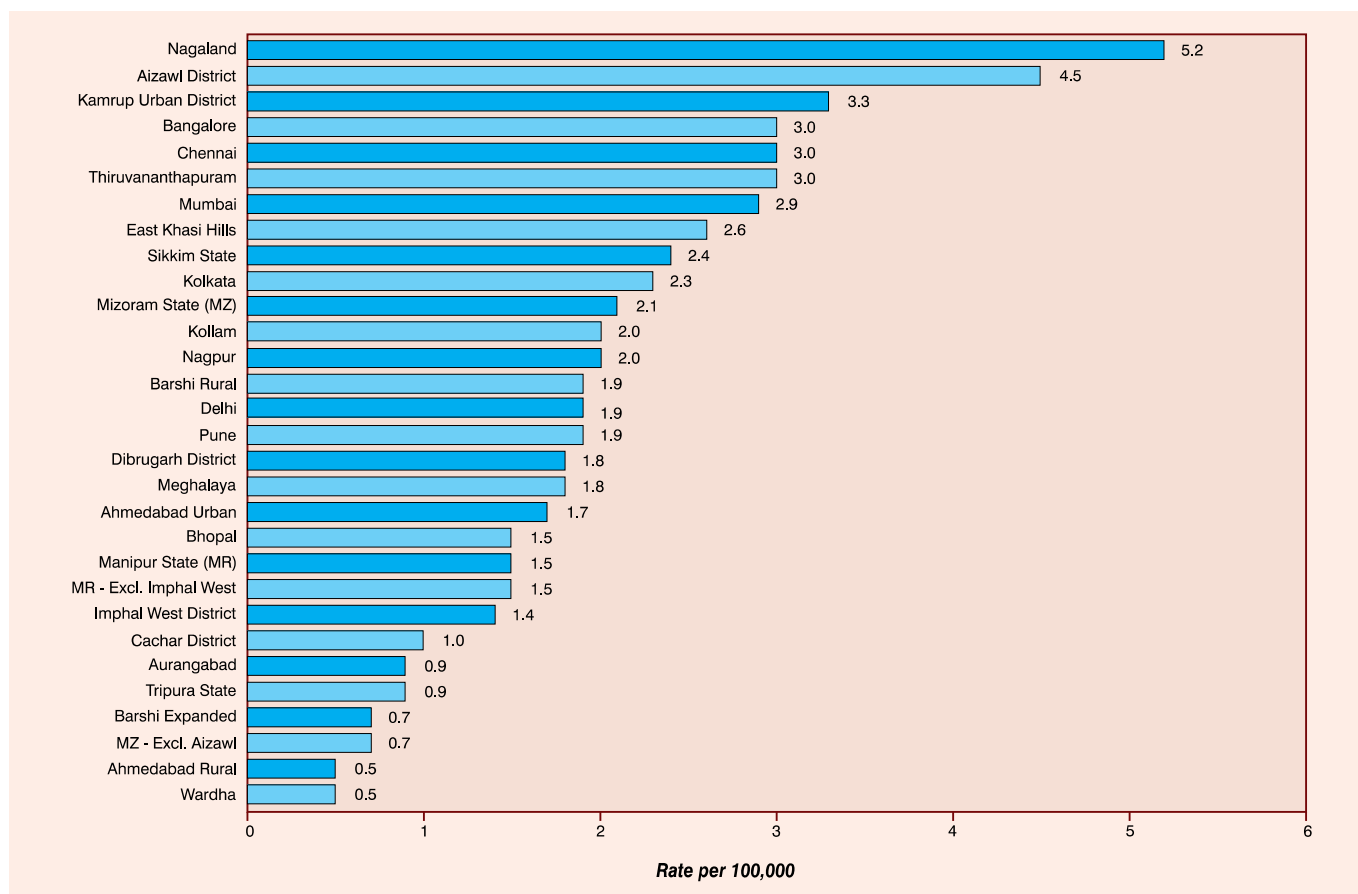
Fig. 7.8: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs

COLON (ICD-10: C18)

Males

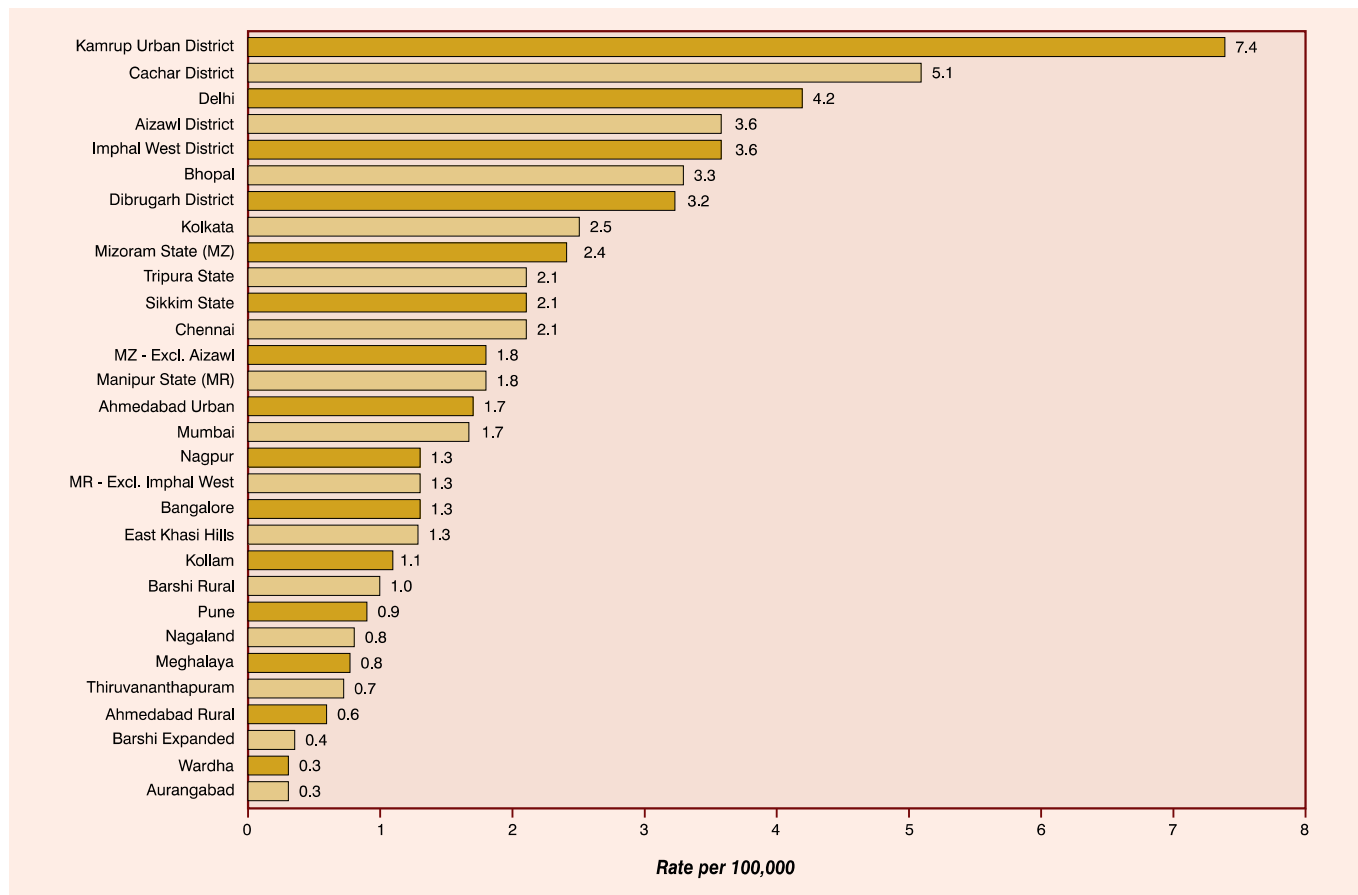


Females



**Fig. 7.9: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs
GALLBLADDER (ICD-10: C23-C24)**

Males



Females

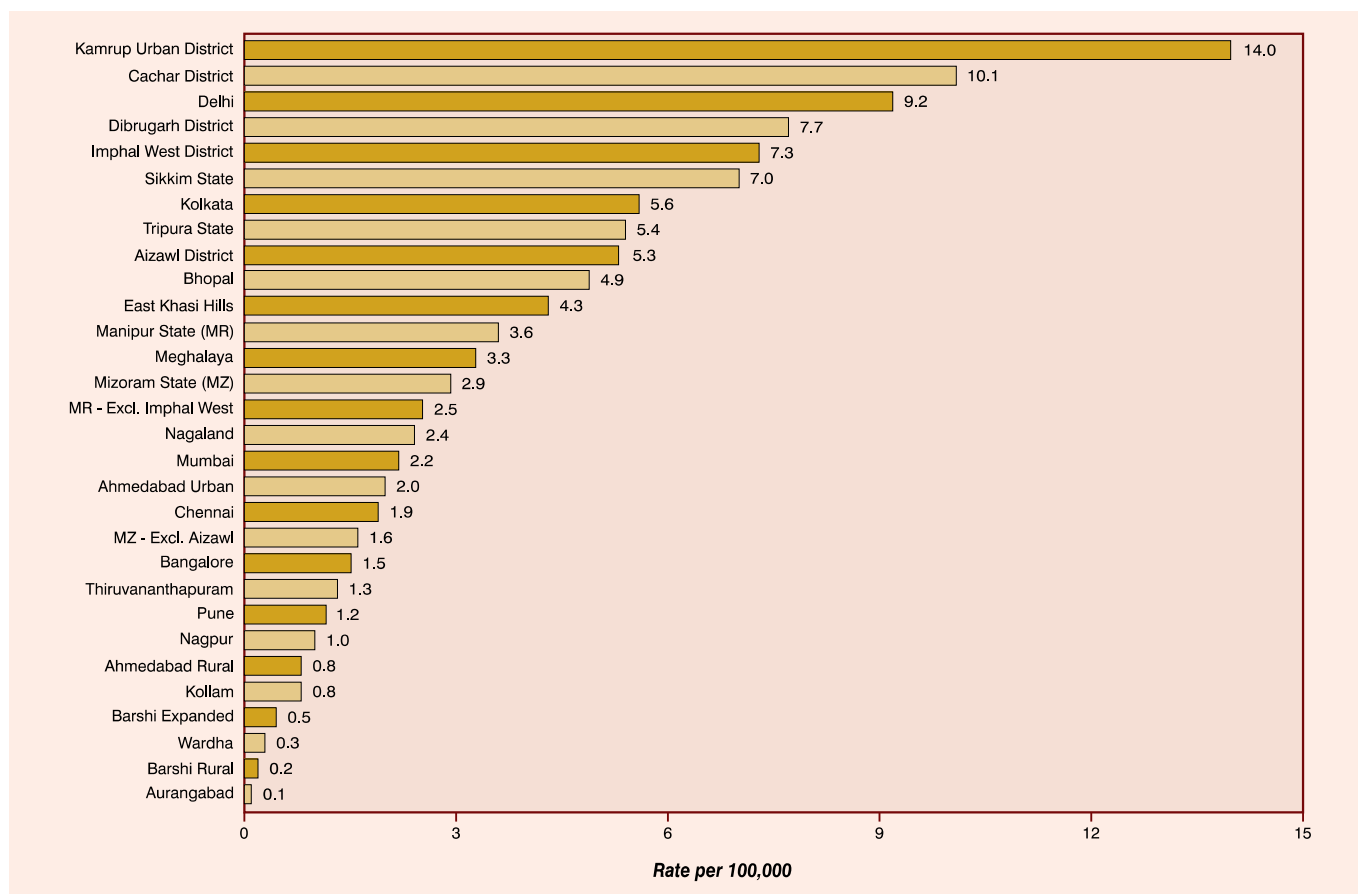


Fig. 7.10: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs LIVER (ICD-10: C22) - Males

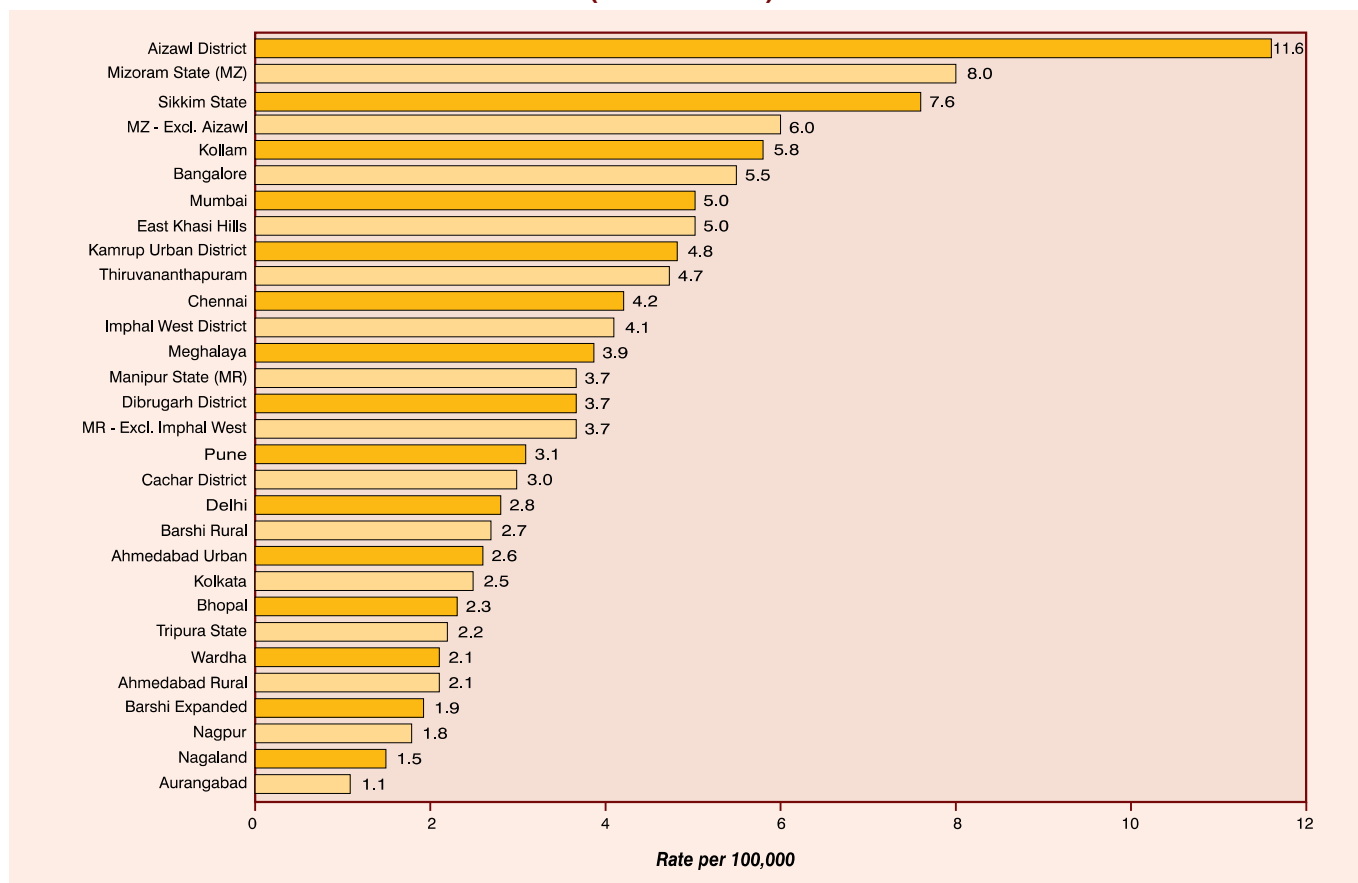
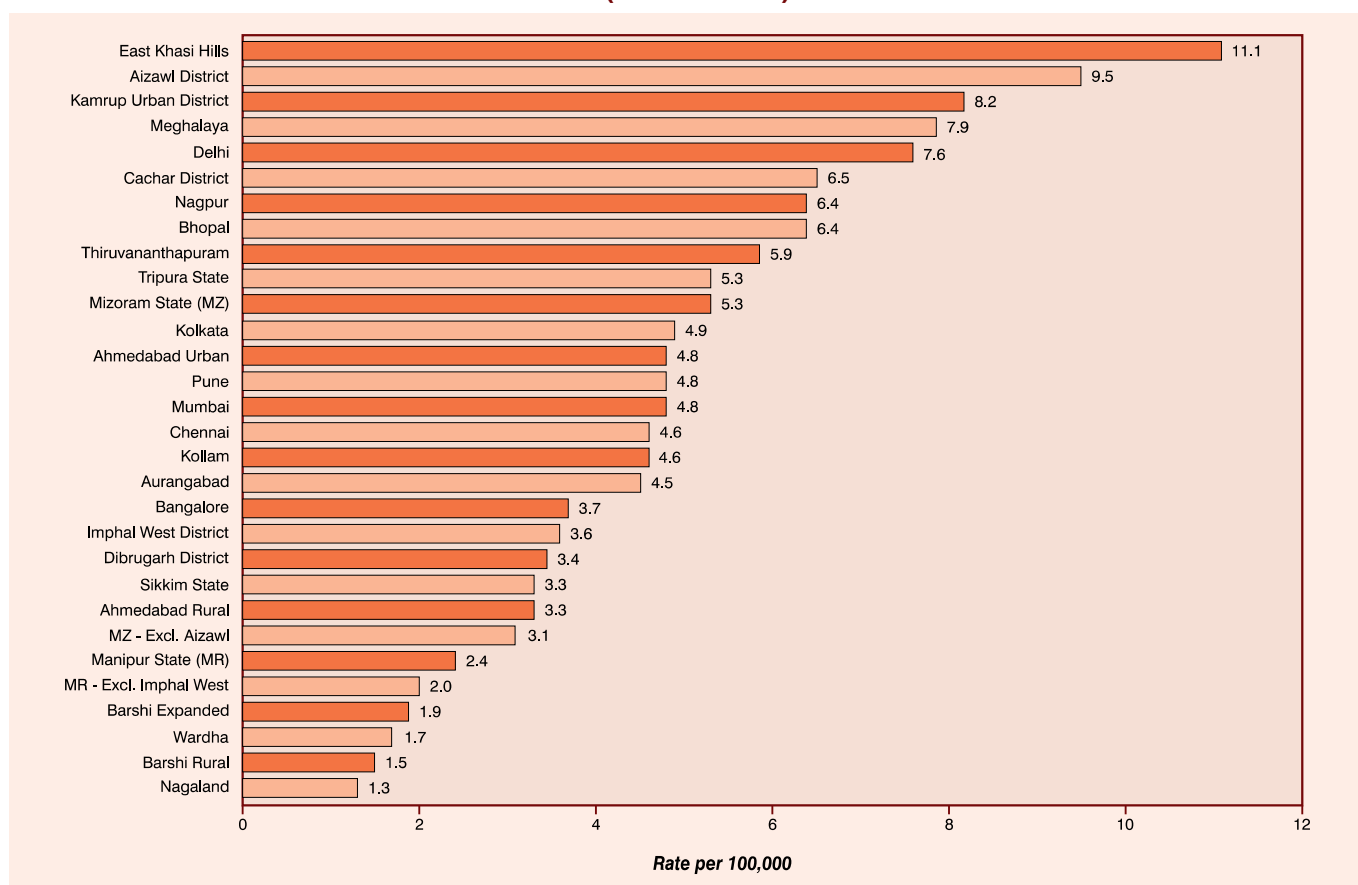
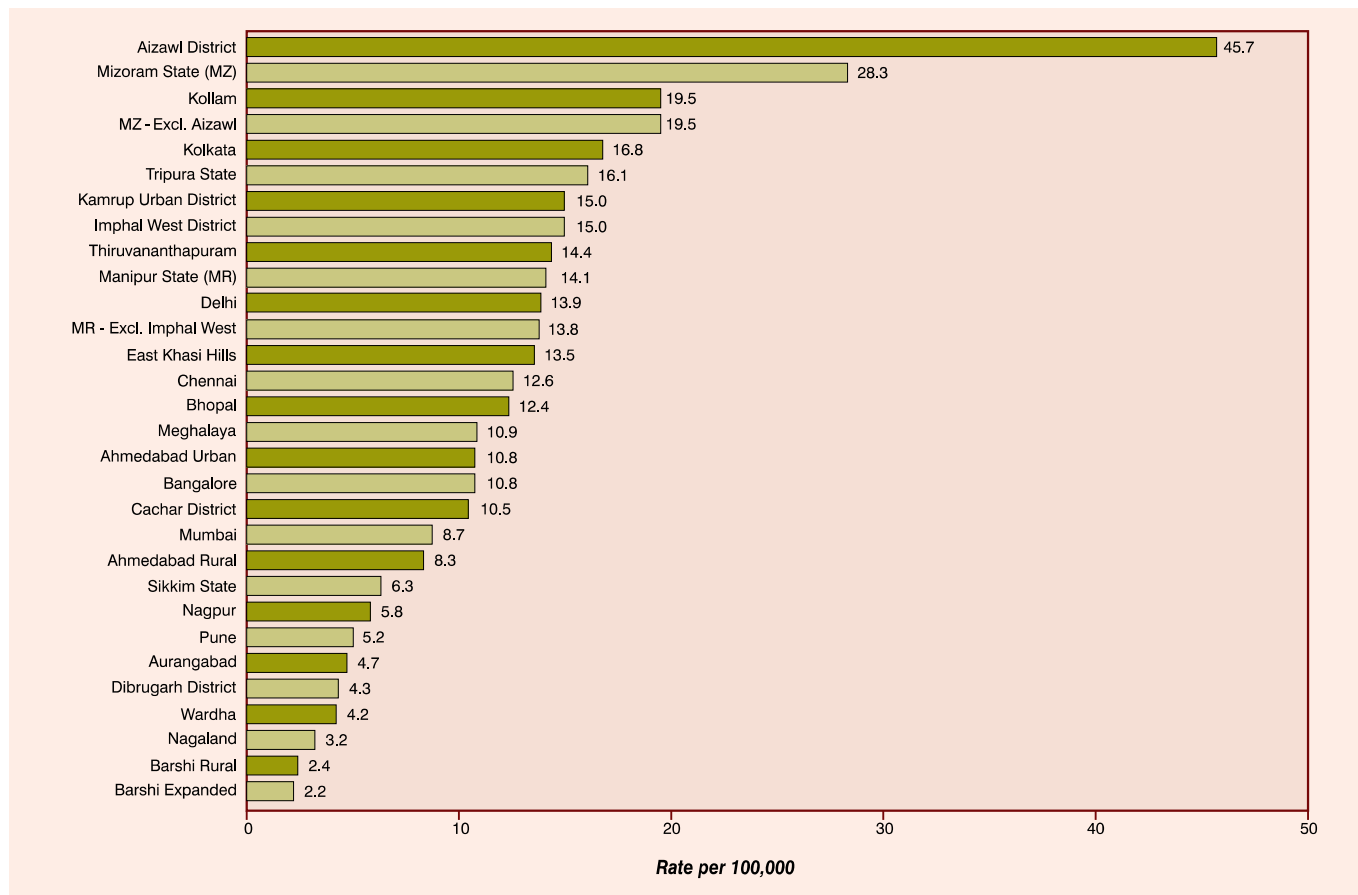


Fig. 7.11: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs LARYNX (ICD-10: C32) - Males



**Fig. 7.12: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs
LUNG (ICD-10: C33-C34)**

Males



Females

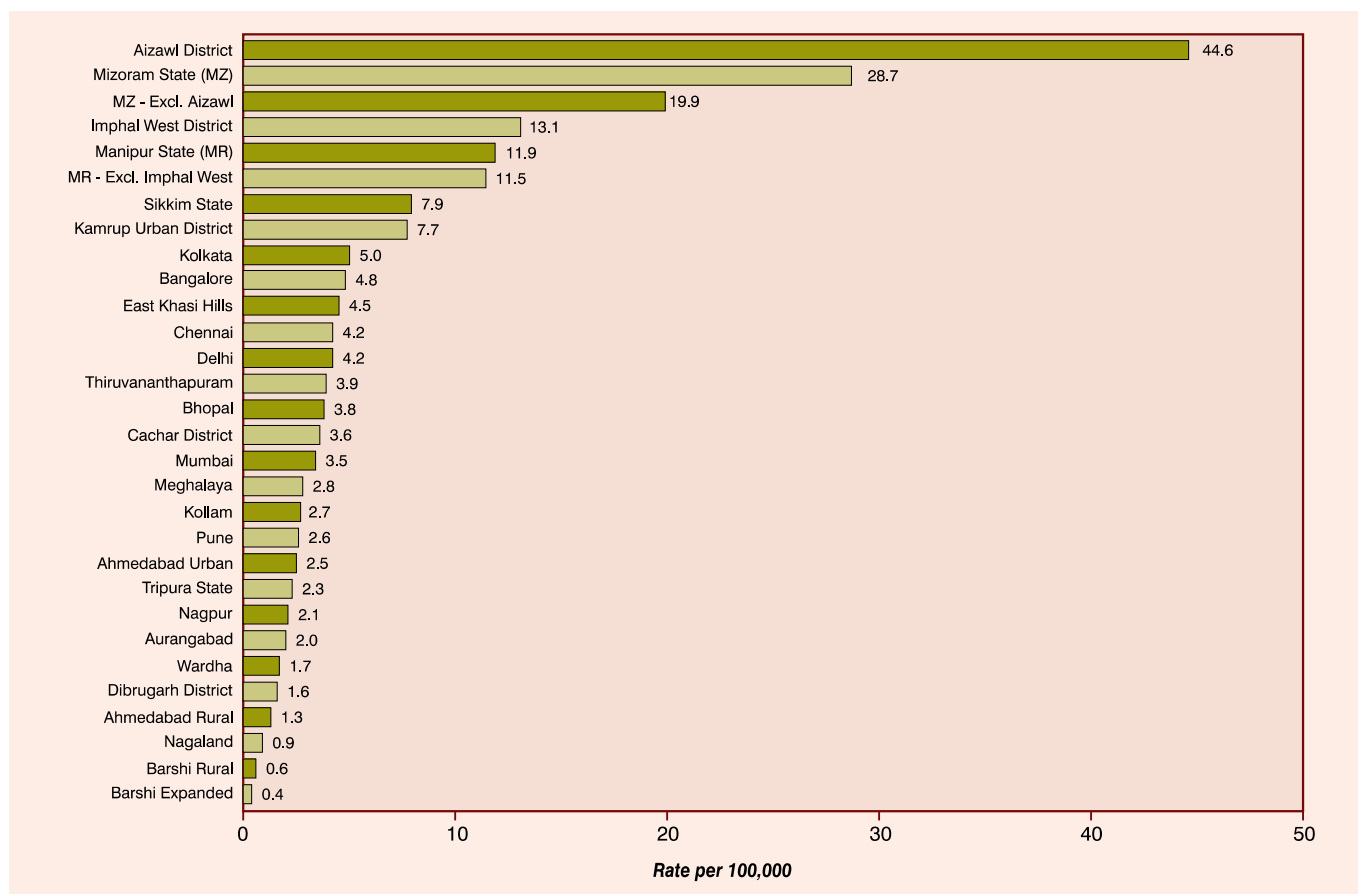


Fig. 7.13: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs BREAST (ICD-10: C50) - Females

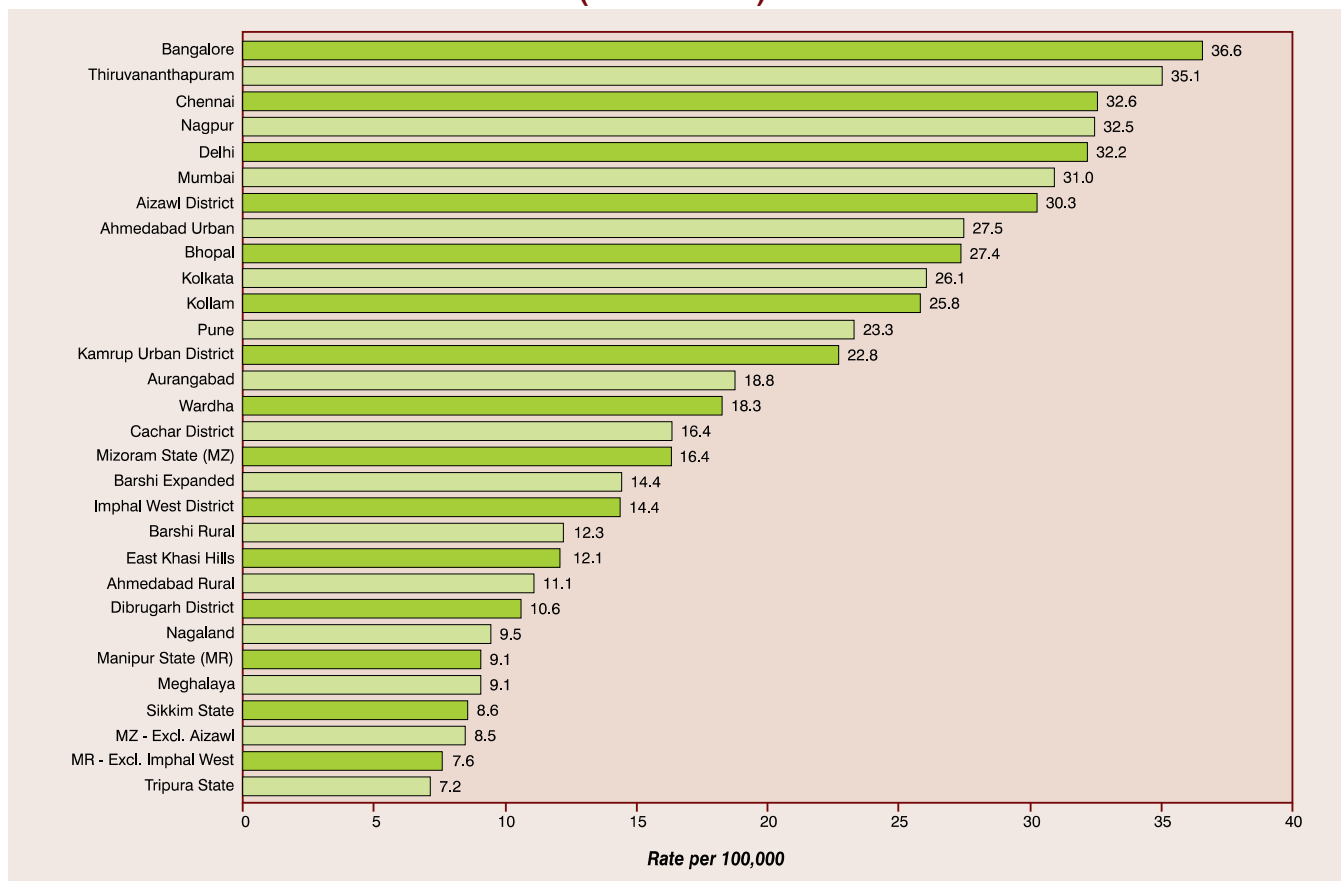
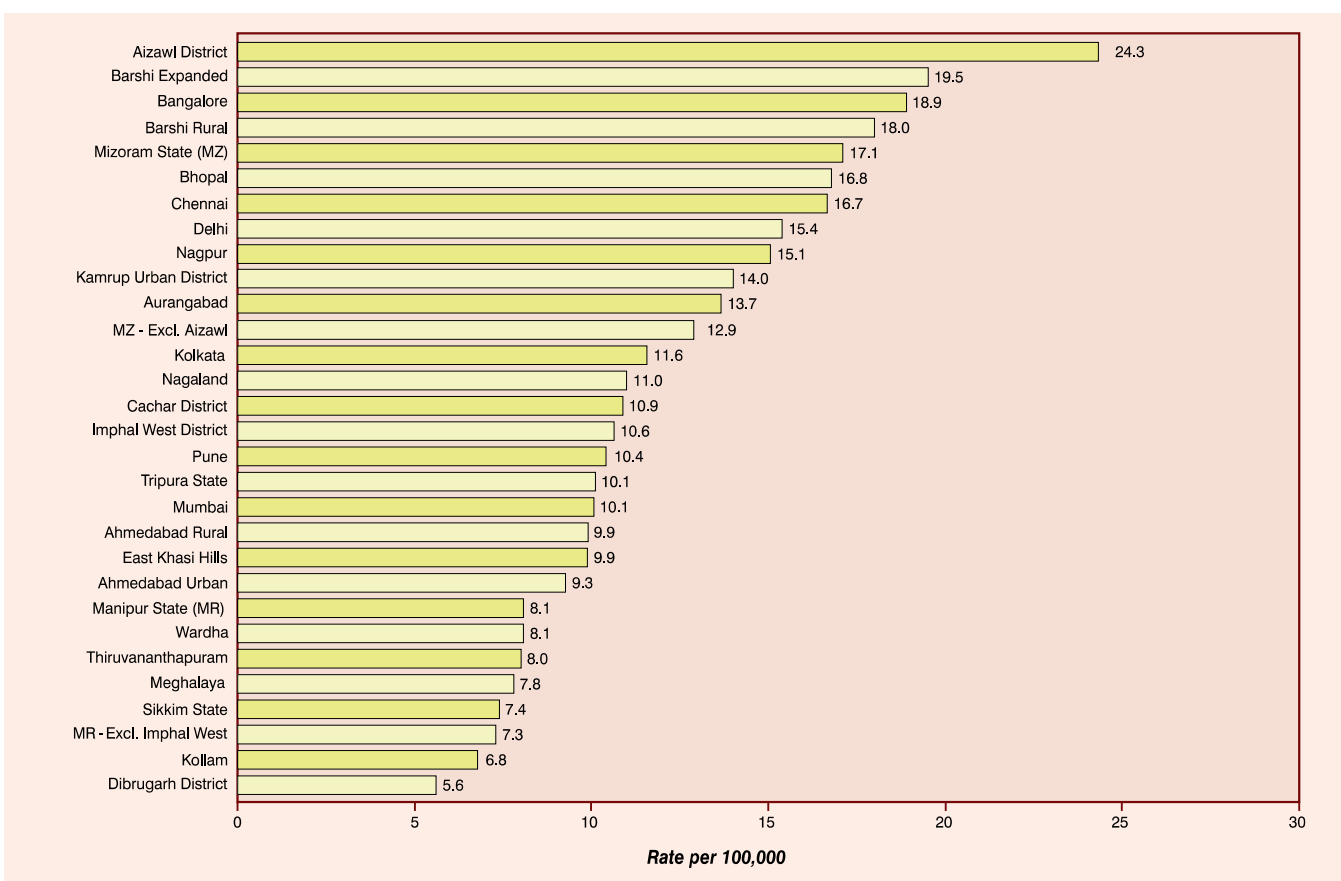
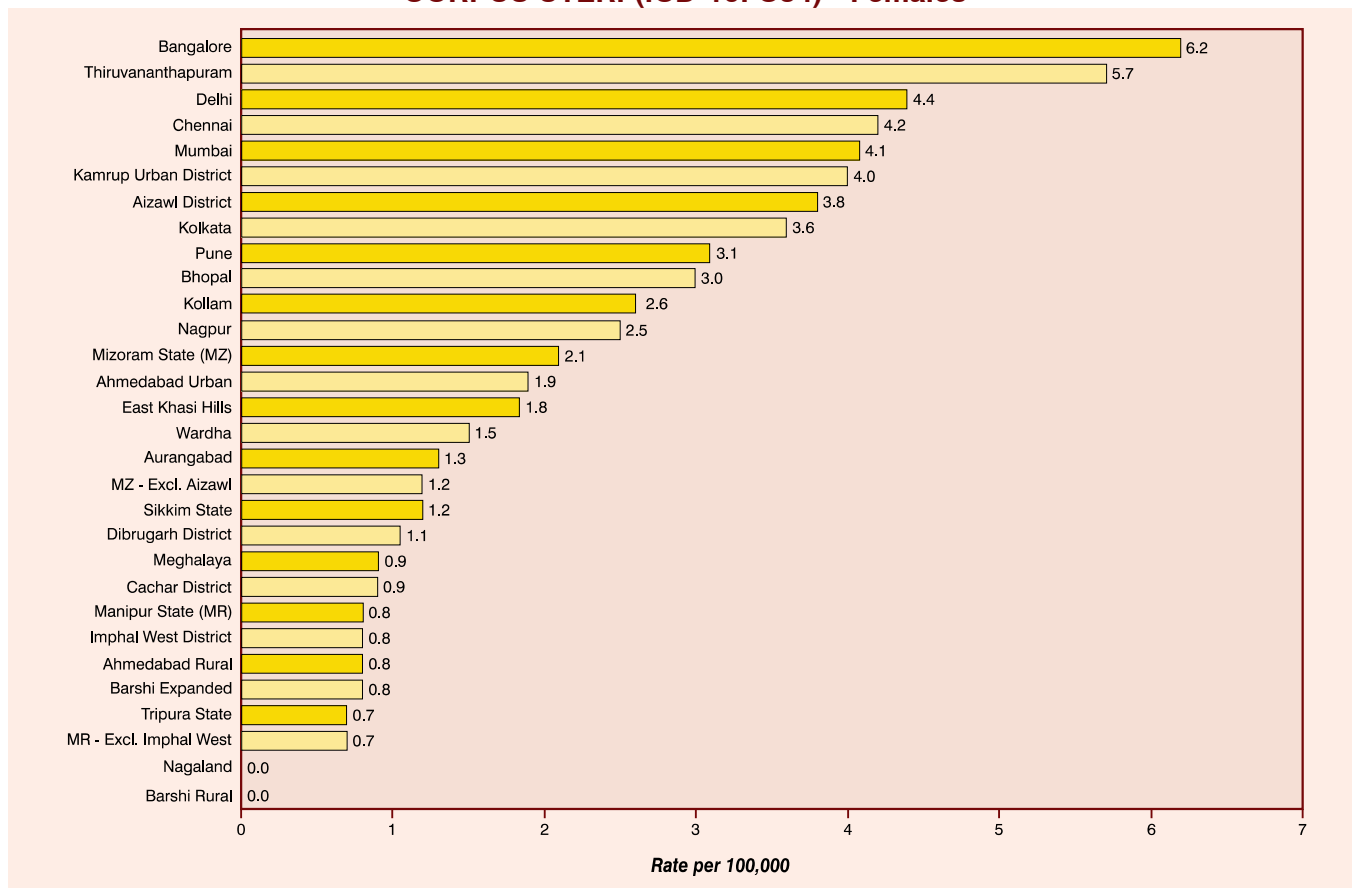


Fig. 7.14: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs CERVIX UTERI (ICD-10: C53) - Females



**Fig. 7.15: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs
CORPUS UTERI (ICD-10: C54) - Females**



**Fig. 7.16: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs
OVARY (ICD-10: C56) - Females**

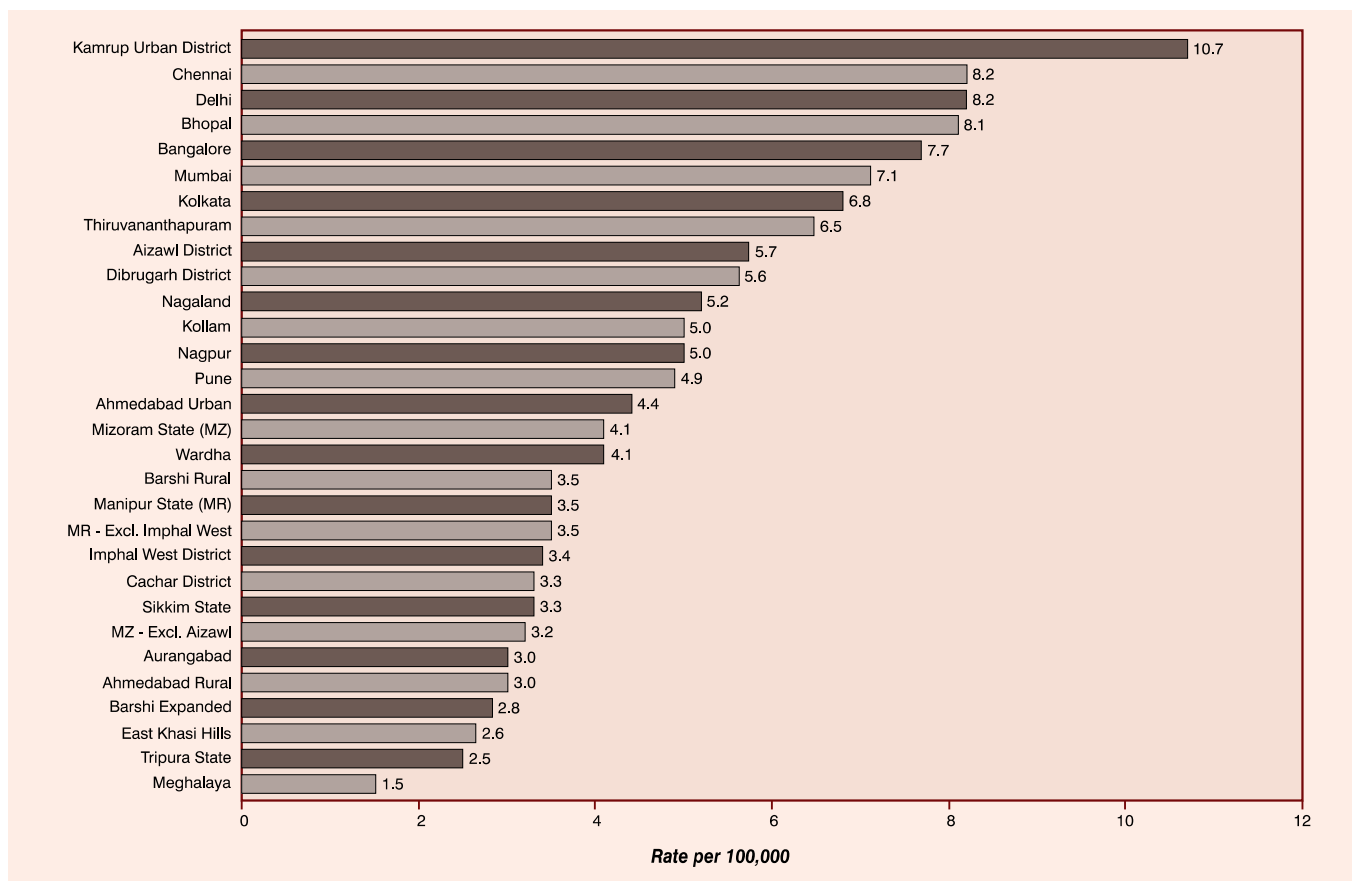


Fig. 7.17: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs PROSTATE (ICD-10: C61) - Males

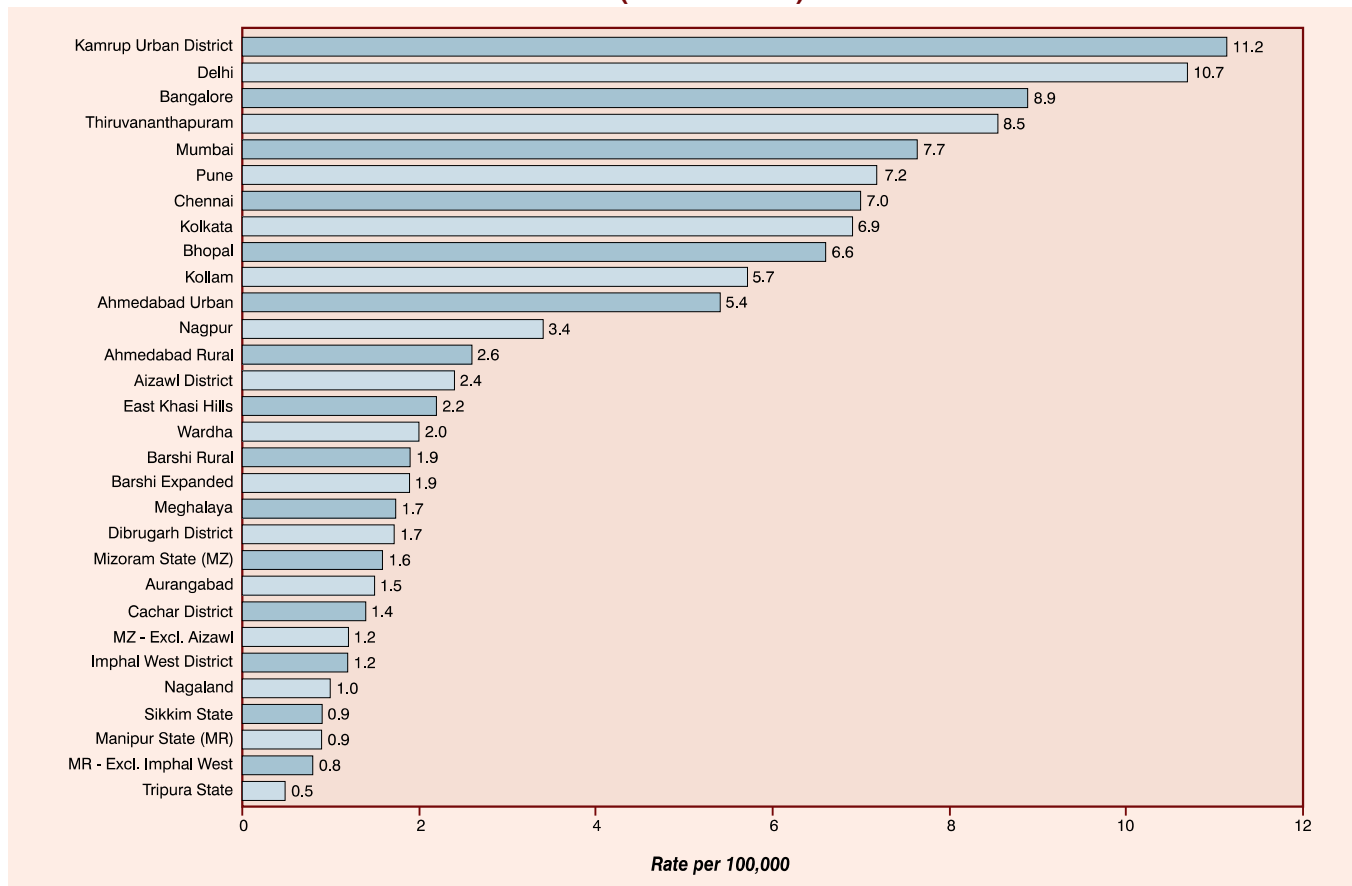


Fig. 7.18: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs KIDNEY (ICD-10: C64) - Males

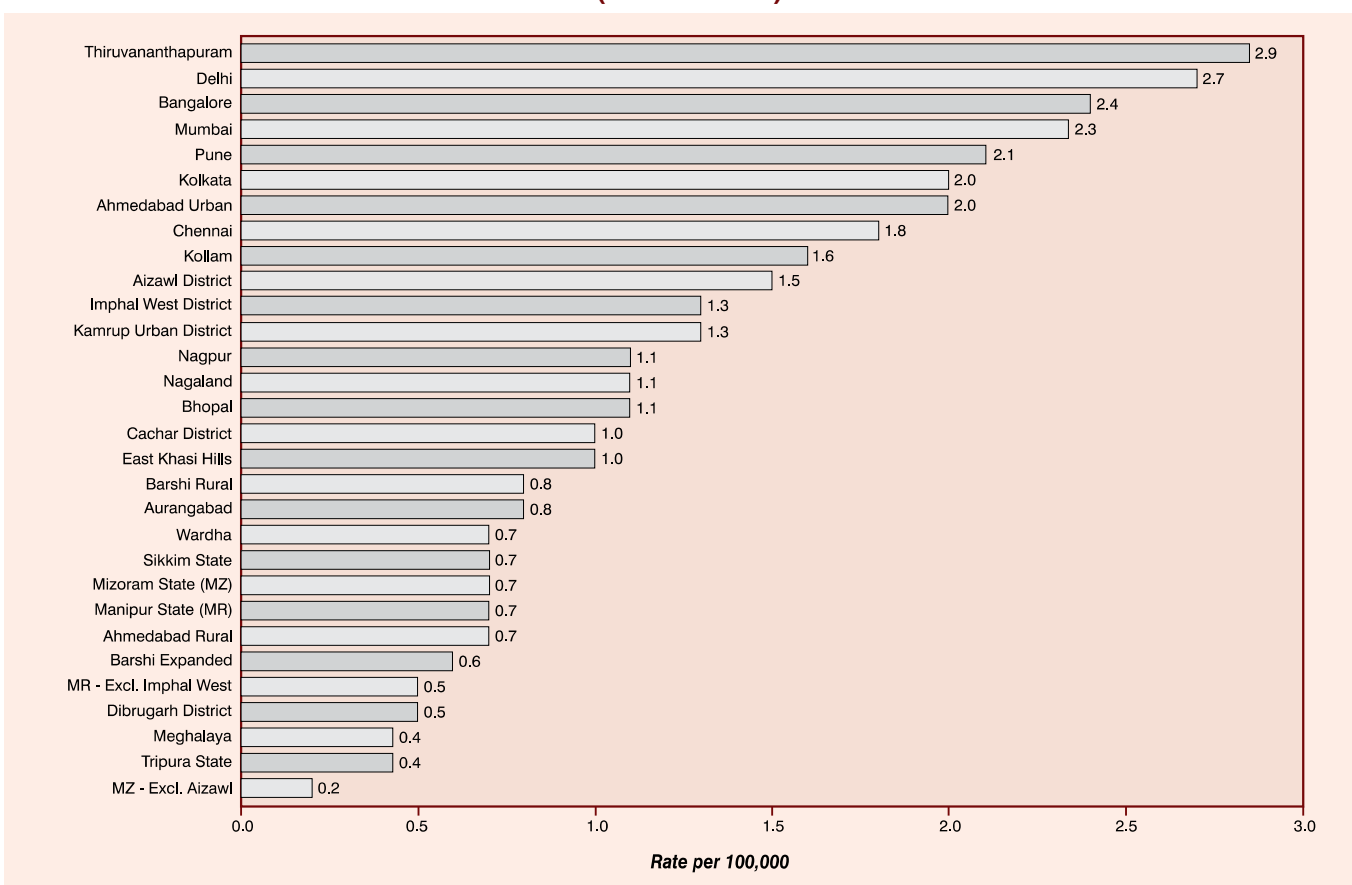


Fig. 7.19: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs

URINARY BLADDER (ICD-10: C67) - Males

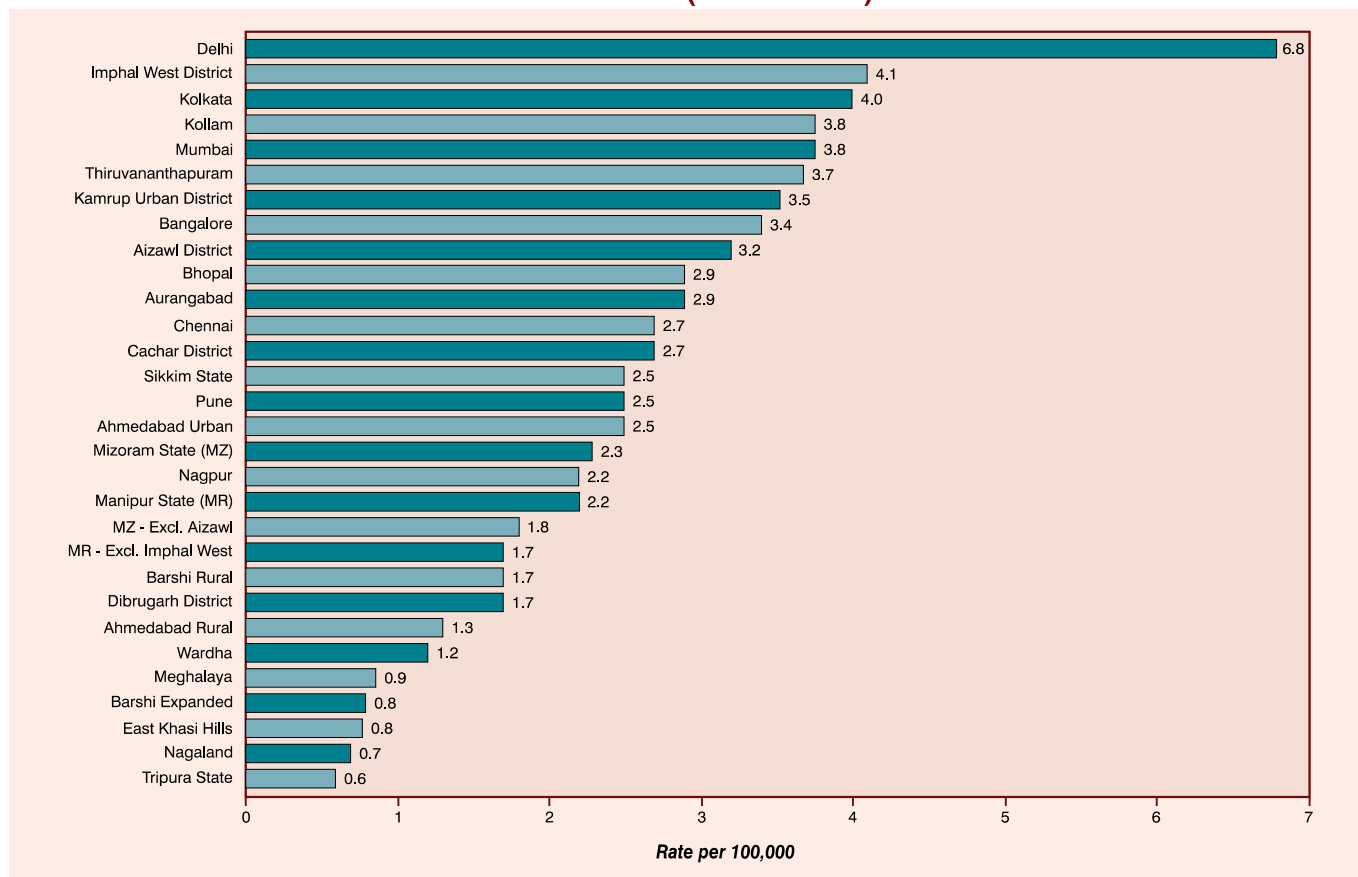


Fig. 7.20: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs

THYROID (ICD-10: C73) - Females

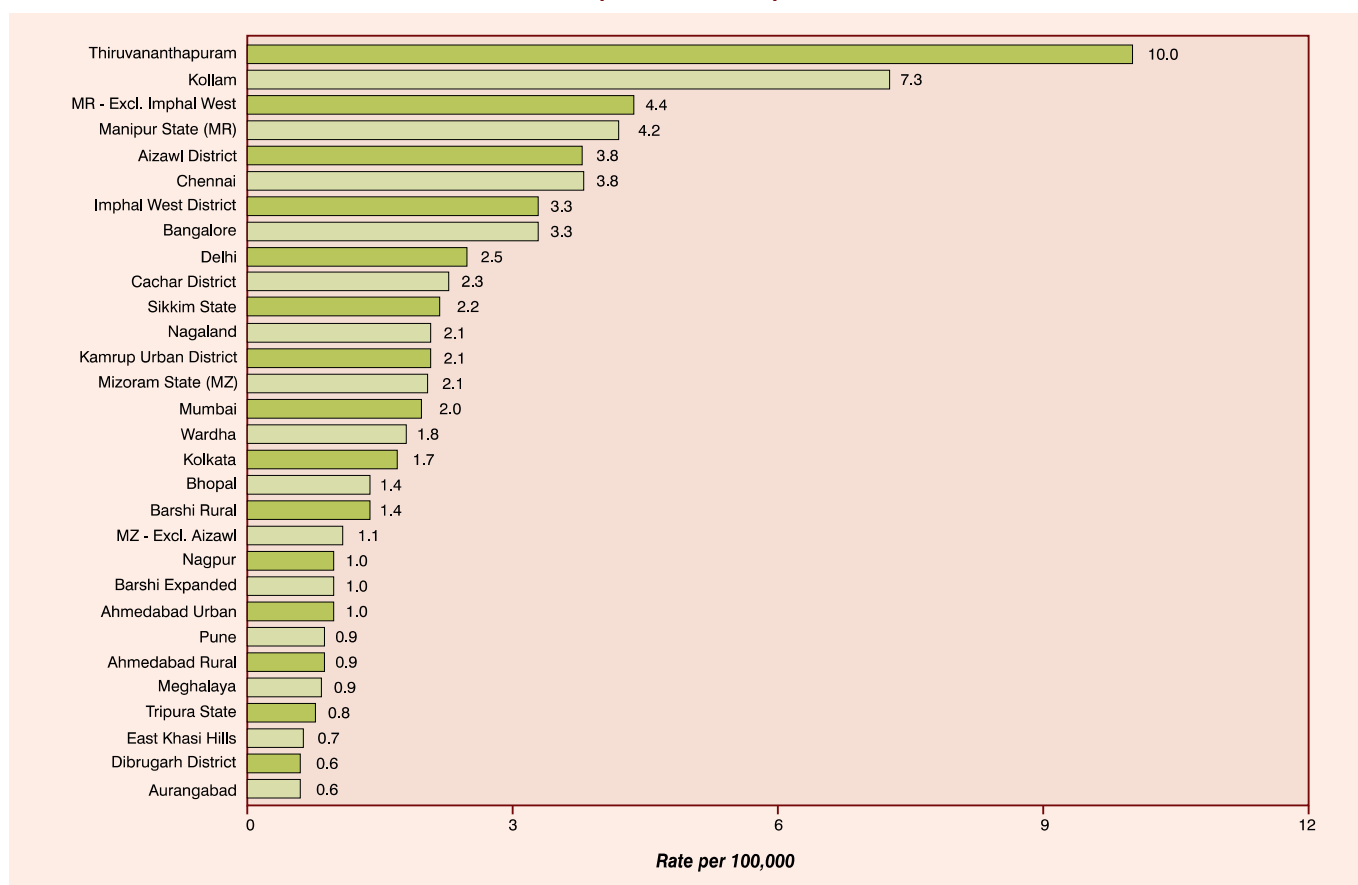
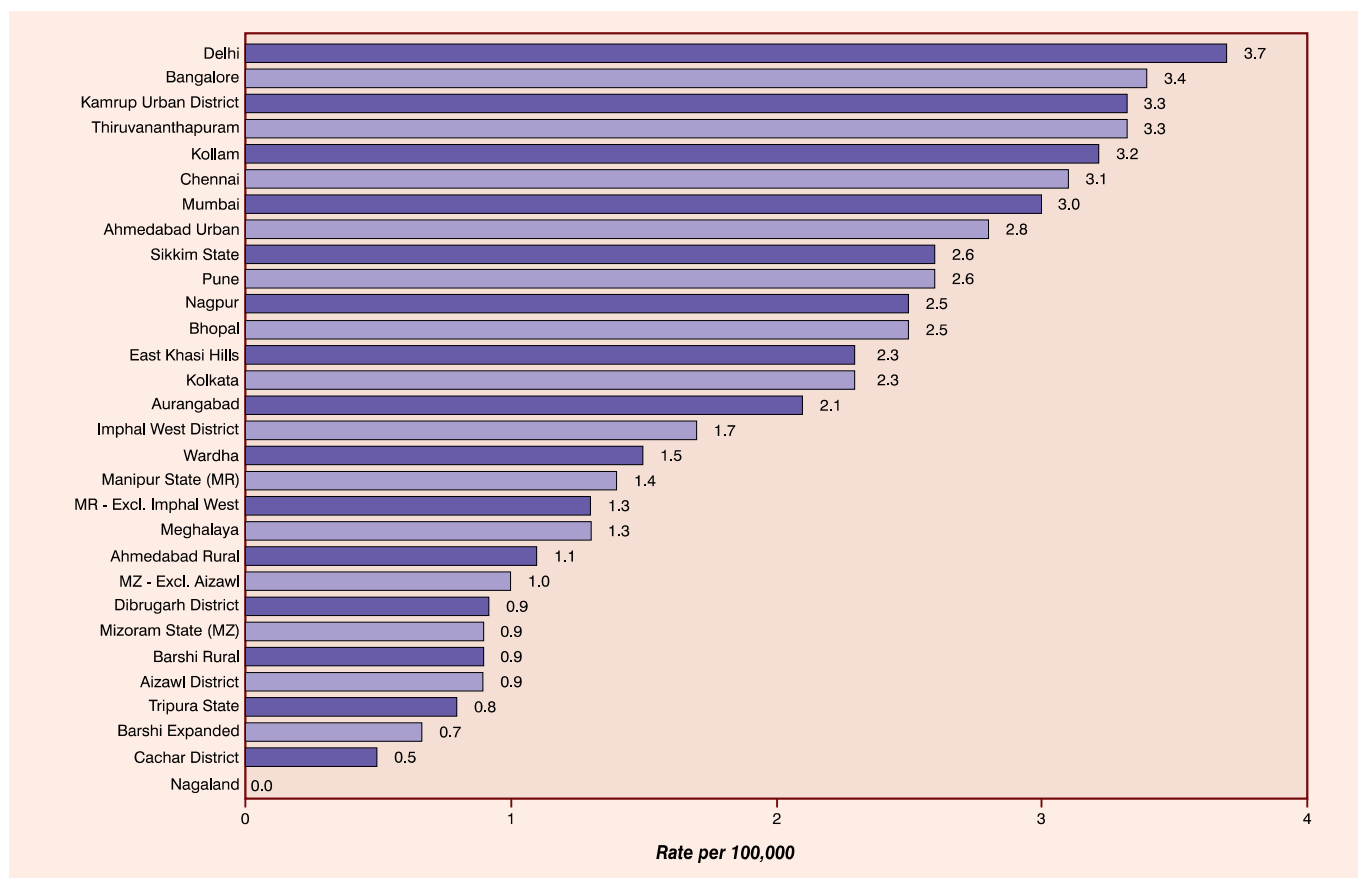


Fig. 7.21: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs

BRAIN, NS (ICD-10: C70-C72)

Males



Females

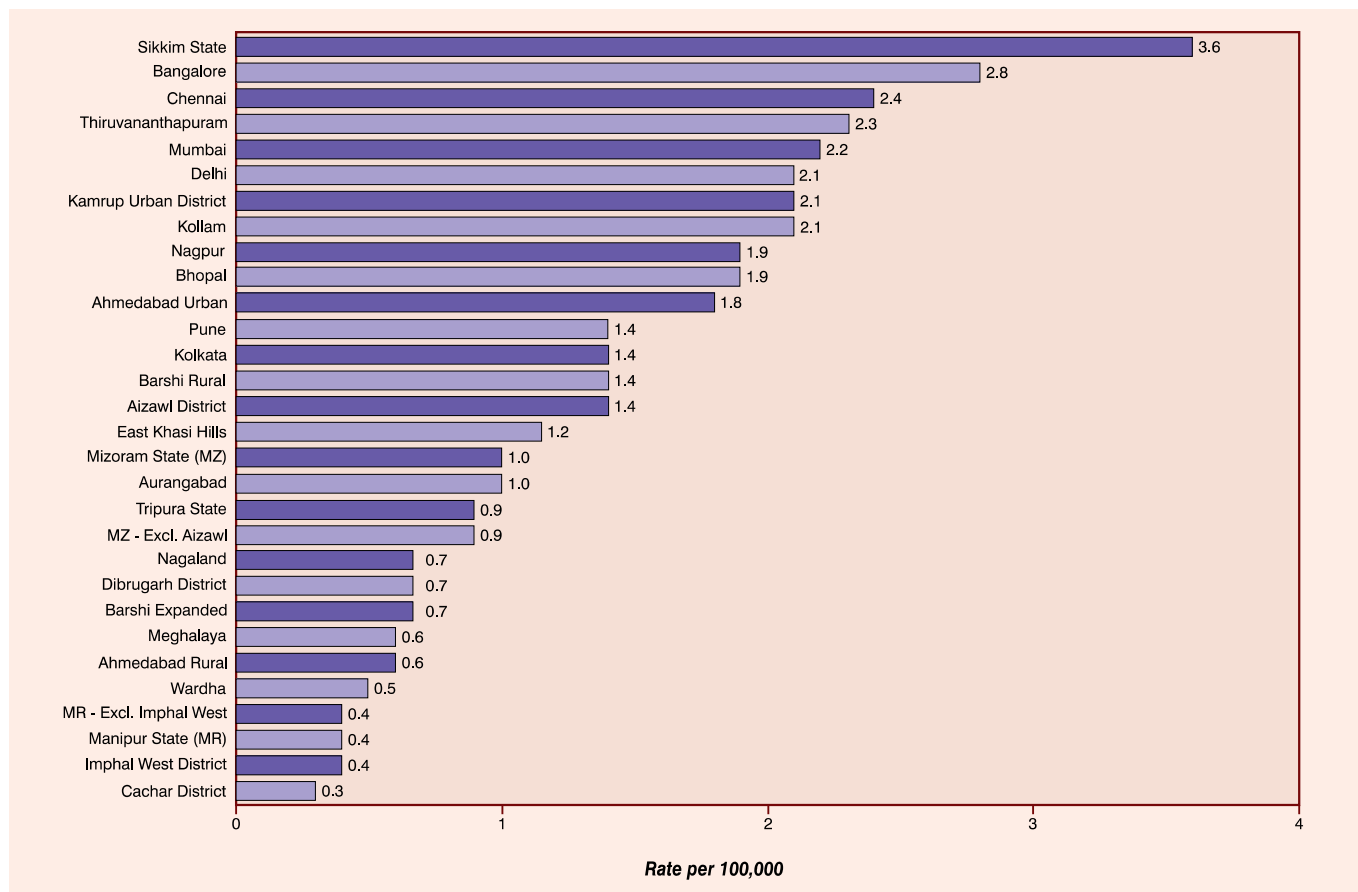
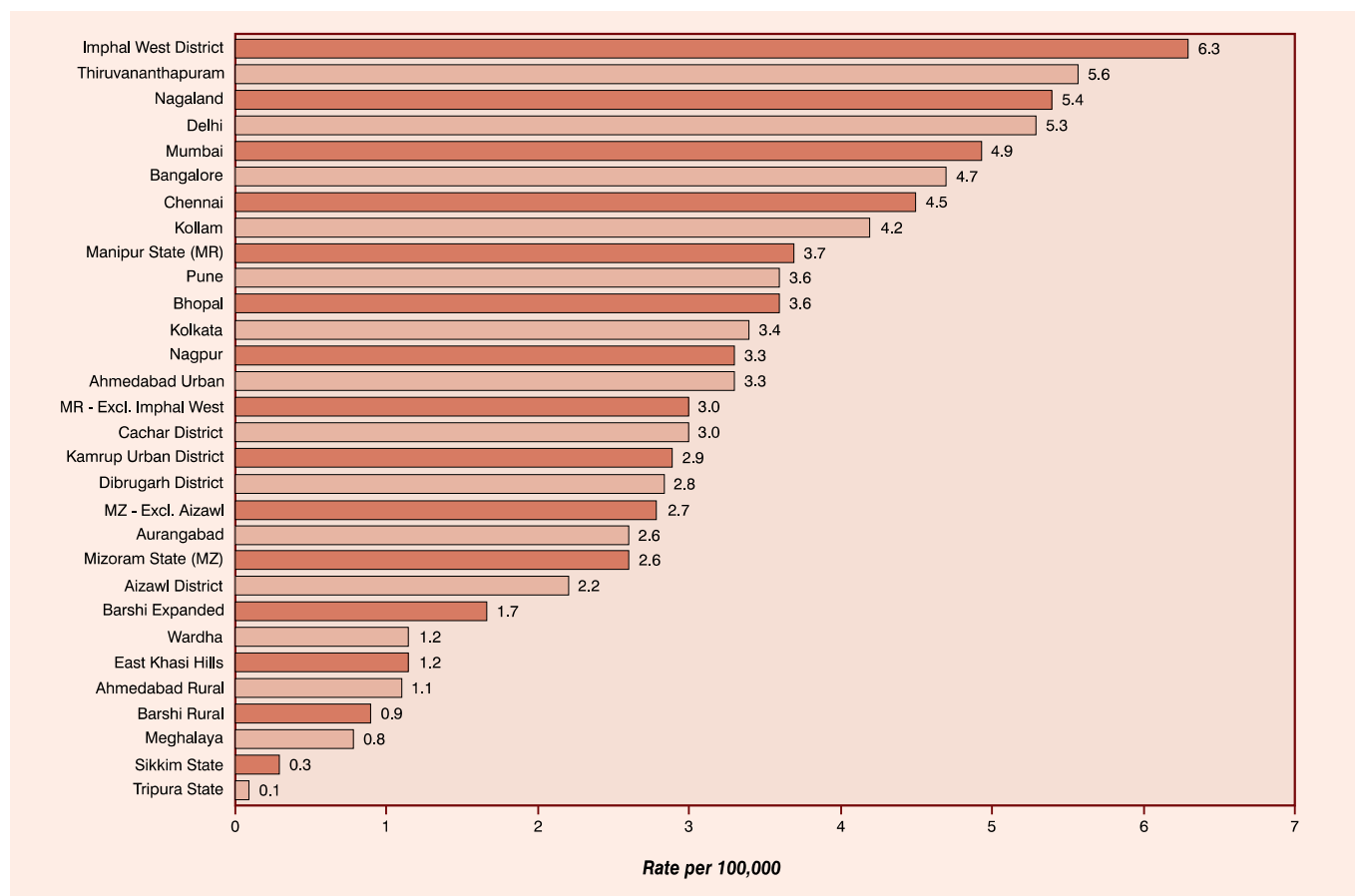
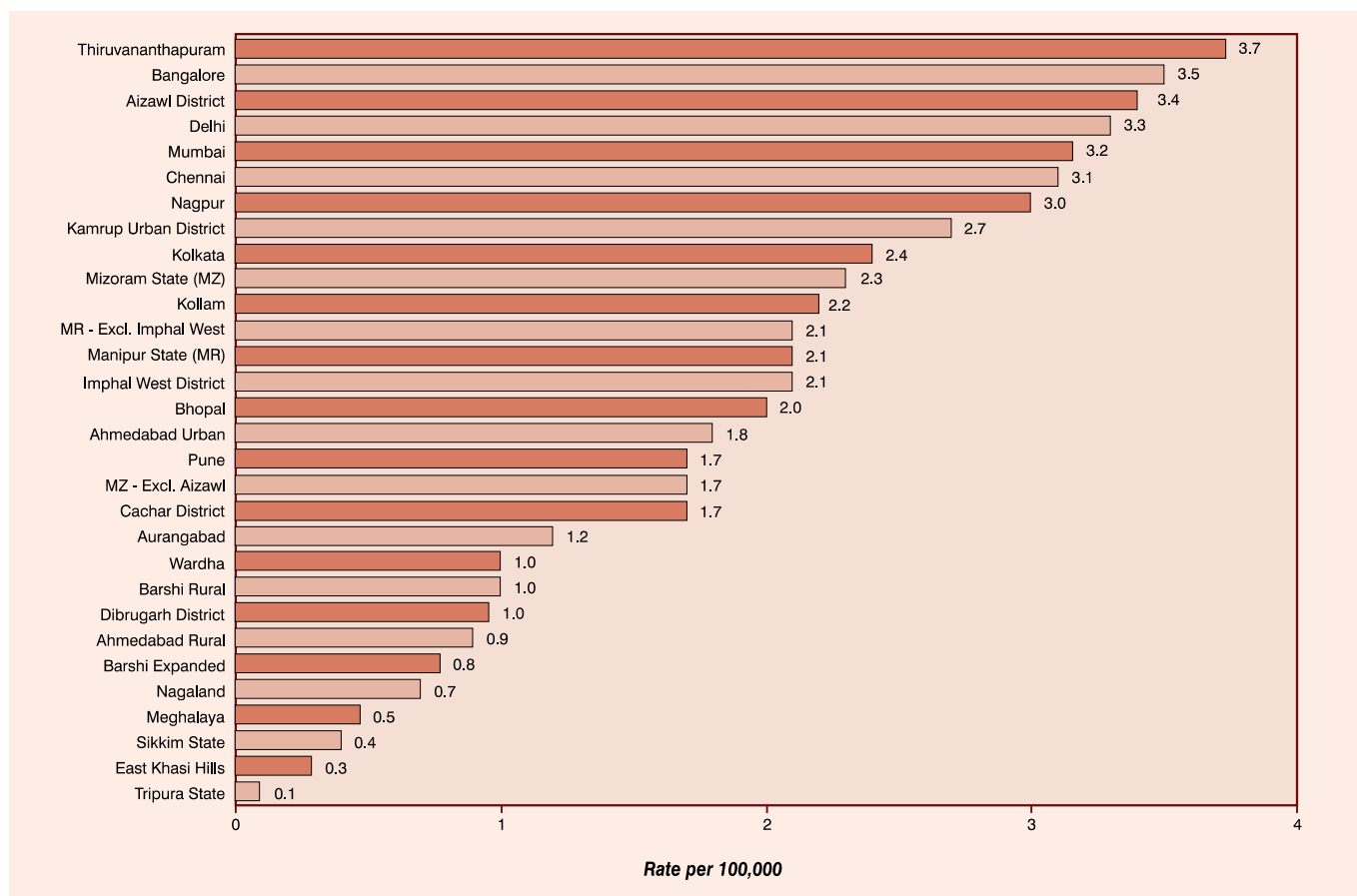


Fig. 7.22: Comparison of Age Adjusted Incidence Rates (AARs) of all PBCRs NHL (ICD-10: C82-C85, C96)

Males



Females



Leukaemias:

Table 7.1 classifies Lymphoid Leukaemia (C91) into Acute(ALL), Chronic(CLL) and All Other Lymphoid Leukaemias. The relative proportion of each one is given for each registry. The AARs for each classification is provided for comparison across all the registries. Among males, Delhi had a higher AAR (3.0) and Chennai had a higher AAR (1.5) followed by Thiruvananthapuram (1.4) in females.

Acute Lymphocytic Leukaemia (ICD-10: C91.0)

Males: Nagaland and Dibrugarh district had the highest relative proportion (100%). The highest AAR (1.9) was in Chennai, Delhi and Nagpur.

Females: 100% cases in Dibrugarh District, all the registry areas of Mizoram, Sikkim State, Meghalaya and Tripura State were classified as ALLs. The highest AAR (1.6) was in Delhi and (1.5) Chennai and Nagpur.

Chronic Lymphocytic Leukaemia (ICD-10: C91.1)

Males: East Khasi Hills District in Meghalaya had a higher relative proportion of 66.7% and higher AAR (0.8) was recorded at Delhi and Ahmedabad Urban.

Females: 100% cases in Nagaland were classified as CLLs. The highest AAR (0.4) was observed at Delhi and Ahmedabad Urban.

All Other Lymphoid Leukaemias (ICD-10: C91.2-C91.9)

Males: Tripura State had a higher relative proportion of 13.3%. Bhopal, Delhi, Kollam and Tripura State had higher AAR of 0.2.

Females: Kollam recorded higher relative proportion of 19.0%. Both Delhi and Kollam had an AAR of 0.2.

Table 7.2 classifies Myeloid Leukaemia (C92-C94) into Acute (AML), Chronic (CML), All Other Myeloid Leukaemias and Others (C93-C94). The relative proportions and AARs is provided for comparison across all the registries. Among males, Aizawl District had a higher AAR (3.7) and Thiruvananthapuram had a higher AAR (2.4) followed by Imphal West District (2.3) in females.

Acute Myeloid Leukaemia (ICD-10: C92.0)

Males: Meghalaya had the highest relative proportion (84.6%). The highest AAR (3.1) was in Aizawl District.

Females: 100% cases in Nagaland were classified as AMLs. The highest AAR (1.7) was recorded in Imphal West District of Manipur.

Chronic Myeloid Leukaemia (ICD-10: C92.1)

Males: Cachar District had a higher relative proportion of 67.9% and higher AAR (1.4) was recorded in Bhopal.

Females: 51.0% cases in Bhopal were classified as CMLs. A higher AAR (0.9) was observed in Ahmedabad Urban closely followed by Delhi and Thiruvananthapuram at 0.8.

All Other Myeloid Leukaemias (ICD-10: C92.2-C92.9)

Males: Imphal West District had a higher relative proportion of 23.7%.

Females: Wardha had higher relative proportion of 31.8%.

Others (ICD-10: C93-C94)

Males: Tripura State had the highest relative proportion of 33.3% cases under this classification.

Females: Ahmedabad Rural had the highest relative proportion of 48.3%.

**Table 7.1(a): Number (#), Relative Proportion (%) and Age Adjusted Rates (AARs)
Lymphoid Leukaemia (C91)**

Males

Centre Name	C91.0 (Acute Lymphocytic Leukaemia)			C91.1 (Chronic Lymphocytic Leukaemia)			C91.2-C91.9 (All Other Lymphoid Leukaemias)			C91 (Lymphoid Leukaemia)		
	#	%	AAR	#	%	AAR	#	%	AAR	#	%	AAR
Bangalore (2006-2009)	144	69.6	1.1	52	25.1	0.5	11	5.3	0.1	207	100.0	1.7
Barshi Rural (2006-2010)	10	71.4	0.7	3	21.4	0.2	1	7.1	0.1	14	100.0	1.0
<i>Barshi Expanded</i> (2007-2009)	28	75.7	0.4	5	13.5	0.1	4	10.8	0.1	37	100.0	0.6
Bhopal (2006-2010)	49	65.3	1.1	20	26.7	0.7	6	8.0	0.2	75	100.0	1.9
Chennai (2006-2009)	137	84.0	1.9	16	9.8	0.2	10	6.1	0.1	163	100.0	2.2
Delhi (2006-2009)	698	75.2	1.9	163	17.6	0.8	67	7.2	0.2	928	100.0	3.0
Mumbai (2006-2010)	369	71.8	1.1	112	21.8	0.5	33	6.4	0.1	514	100.0	1.7
Cachar District (2007-2010)	6	66.7	0.2	3	33.3	0.1	0	0.0	0.0	9	100.0	0.3
Dibrugarh District (2006-2011)	11	100.0	0.3	0	0.0	0.0	0	0.0	0.0	11	100.0	0.3
Kamrup Urban District (2006-2011)	16	84.2	0.5	3	15.8	0.1	0	0.0	0.0	19	100.0	0.7
Manipur State (MR) (2006-2010)	49	84.5	0.8	9	15.5	0.2	0	0.0	0.0	58	100.0	1.0
<i>Imphal West District</i> (2006-2010)	13	81.3	1.1	3	18.8	0.2	0	0.0	0.0	16	100.0	1.3
<i>MR - Excl. Imphal West</i> (2006-2010)	36	85.7	0.8	6	14.3	0.2	0	0.0	0.0	42	100.0	1.0
Mizoram State (MZ) (2006-2010)	10	71.4	0.4	4	28.6	0.2	0	0.0	0.0	14	100.0	0.6
<i>Aizawl District</i> (2006-2010)	6	85.7	0.7	1	14.3	0.2	0	0.0	0.0	7	100.0	0.9
<i>MZ - Excl. Aizawl</i> (2006-2010)	4	57.1	0.2	3	42.9	0.2	0	0.0	0.0	7	100.0	0.4
Sikkim State (2006-2011)	8	88.9	0.3	1	11.1	0.1	0	0.0	0.0	9	100.0	0.4
Ahmedabad - Rural (2006-2010)	54	84.4	1.3	8	12.5	0.3	2	3.1	0.0	64	100.0	1.6
Ahmedabad - Urban (2006-2010)	167	71.4	1.5	61	26.1	0.8	6	2.6	0.1	234	100.0	2.4
Aurangabad (2005-2010)	24	72.7	0.9	9	27.3	0.4	0	0.0	0.0	33	100.0	1.4
Kolkata (2006-2009)	81	69.8	1.0	32	27.6	0.3	3	2.6	0.0	116	100.0	1.3
Kollam (2006-2010)	74	73.3	1.4	15	14.9	0.2	12	11.9	0.2	101	100.0	1.8
Nagpur (2005-2009)	115	90.6	1.9	11	8.7	0.2	1	0.8	0.0	127	100.0	2.2
Pune (2006-2010)	77	87.5	0.7	9	10.2	0.1	2	2.3	0.0	88	100.0	0.8
Thiruvananthapuram (2005-2011)	51	71.8	1.5	17	23.9	0.4	3	4.2	0.1	71	100.0	2.0
Meghalaya (2010-2011)	3	60.0	0.1	2	40.0	0.3	0	0.0	0.0	5	100.0	0.4
<i>East Khasi Hills</i> (2010-2011)	1	33.3	0.1	2	66.7	0.5	0	0.0	0.0	3	100.0	0.7
Tripura State (2010)	9	60.0	0.6	4	26.7	0.3	2	13.3	0.2	15	100.0	1.1
Nagaland (2010)	1	100.0	0.2	0	0.0	0.0	0	0.0	0.0	1	100.0	0.2
Wardha (2010-2011)	8	61.5	0.6	4	30.8	0.3	1	7.7	0.1	13	100.0	1.0

**Table 7.1(b): Number (#), Relative Proportion (%) and Age Adjusted Rates (AARs)
Lymphoid Leukaemia (C91)**

Females

Centre Name	C91.0 (Acute Lymphocytic Leukaemia)			C91.1 (Chronic Lymphocytic Leukaemia)			C91.2-C91.9 (All Other Lymphoid Leukaemias)			C91 (Lymphoid Leukaemia)		
	#	%	AAR	#	%	AAR	#	%	AAR	#	%	AAR
Bangalore (2006-2009)	91	74.6	0.8	28	23.0	0.3	3	2.5	0.0	122	100.0	1.1
Barshi Rural (2006-2010)	4	57.1	0.3	3	42.9	0.3	0	0.0	0.0	7	100.0	0.6
<i>Barshi Expanded</i> (2007-2009)	13	76.5	0.3	2	11.8	0.0	2	11.8	0.0	17	100.0	0.3
Bhopal (2006-2010)	39	84.8	0.9	6	13.0	0.2	1	2.2	0.0	46	100.0	1.1
Chennai (2006-2009)	92	82.9	1.3	14	12.6	0.2	5	4.5	0.1	111	100.0	1.5
Delhi (2006-2009)	313	73.8	1.1	67	15.8	0.4	44	10.4	0.2	424	100.0	1.6
Mumbai (2006-2010)	230	77.7	0.9	58	19.6	0.2	8	2.7	0.0	296	100.0	1.1
Cachar District (2007-2010)	8	88.9	0.3	1	11.1	0.0	0	0.0	0.0	9	100.0	0.3
Dibrugarh District (2006-2011)	4	100.0	0.1	0	0.0	0.0	0	0.0	0.0	4	100.0	0.1
Kamrup Urban District (2006-2011)	7	87.5	0.3	1	12.5	0.1	0	0.0	0.0	8	100.0	0.4
Manipur State (MR) (2006-2010)	30	88.2	0.5	2	5.9	0.0	2	5.9	0.0	34	100.0	0.5
<i>Imphal West District</i> (2006-2010)	10	76.9	0.9	2	15.4	0.2	1	7.7	0.1	13	100.0	1.2
<i>MR - Excl. Imphal West</i> (2006-2010)	20	95.2	0.4	0	0.0	0.0	1	4.8	0.0	21	100.0	0.4
Mizoram State (MZ) (2006-2010)	10	100.0	0.4	0	0.0	0.0	0	0.0	0.0	10	100.0	0.4
<i>Aizawl District</i> (2006-2010)	3	100.0	0.3	0	0.0	0.0	0	0.0	0.0	3	100.0	0.3
<i>MZ - Excl. Aizawl</i> (2006-2010)	7	100.0	0.4	0	0.0	0.0	0	0.0	0.0	7	100.0	0.4
Sikkim State (2006-2011)	6	100.0	0.4	0	0.0	0.0	0	0.0	0.0	6	100.0	0.4
Ahmedabad - Rural (2006-2010)	23	74.2	0.6	8	25.8	0.3	0	0.0	0.0	31	100.0	0.9
Ahmedabad - Urban (2006-2010)	85	71.4	0.9	32	26.9	0.4	2	1.7	0.0	119	100.0	1.3
Aurangabad (2005-2010)	21	87.5	0.7	3	12.5	0.1	0	0.0	0.0	24	100.0	0.9
Kolkata (2006-2009)	49	79.0	0.7	9	14.5	0.1	4	6.5	0.0	62	100.0	0.8
Kollam (2006-2010)	38	60.3	0.7	13	20.6	0.2	12	19.0	0.2	63	100.0	1.1
Nagpur (2005-2009)	66	85.7	1.3	10	13.0	0.2	1	1.3	0.0	77	100.0	1.5
Pune (2006-2010)	41	85.4	0.4	4	8.3	0.0	3	6.3	0.0	48	100.0	0.4
Thiruvananthapuram (2005-2011)	33	70.2	1.1	9	19.1	0.2	5	10.6	0.1	47	100.0	1.4
Meghalaya (2010-2011)	1	100.0	0.1	0	0.0	0.0	0	0.0	0.0	1	100.0	0.1
<i>East Khasi Hills</i> (2010-2011)	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Tripura State (2010)	4	100.0	0.3	0	0.0	0.0	0	0.0	0.0	4	100.0	0.3
Nagaland (2010)	0	0.0	0.0	1	100.0	0.3	0	0.0	0.0	1	100.0	0.3
Wardha (2010-2011)	8	80.0	0.7	1	10.0	0.1	1	10.0	0.1	10	100.0	0.8

**Table 7.2(a): Number (#), Relative Proportion (%) and Age Adjusted Rates (AARs)
Myeloid Leukaemia (C92-C94)**

Males

Centre Name	C92.0 (Acute Myeloid Leukaemia)			C92.1 (Chronic Myeloid Leukaemia)			C92.2-C92.9 (All Other Myeloid Leukaemias)		C93-C94 (Others)		C91 (Lymphoid Leukaemia)		
	#	%	AAR	#	%	AAR	#	%	#	%	#	%	AAR
Bangalore (2006-2009)	132	50.8	1.1	100	38.5	0.7	11	4.2	17	6.5	260	100.0	2.0
Barshi Rural (2006-2010)	5	26.3	0.5	10	52.6	0.8	4	21.1	0	0.0	19	100.0	1.7
<i>Barshi Expanded</i> (2007-2009)	25	54.3	0.5	18	39.1	0.3	3	6.5	0	0.0	46	100.0	0.9
Bhopal (2006-2010)	43	43.0	1.1	54	54.0	1.4	2	2.0	1	1.0	100	100.0	2.5
Chennai (2006-2009)	117	59.1	1.3	76	38.4	0.8	4	2.0	1	0.5	198	100.0	2.1
Delhi (2006-2009)	424	55.5	1.4	300	39.3	1.0	39	5.1	1	0.1	764	100.0	2.5
Mumbai (2006-2010)	343	57.7	1.1	230	38.7	0.7	19	3.2	2	0.3	594	100.0	1.8
Cachar District (2007-2010)	9	32.1	0.3	19	67.9	0.7	0	0.0	0	0.0	28	100.0	1.0
Dibrugarh District (2006-2011)	20	48.8	0.5	16	39.0	0.5	3	7.3	2	4.9	41	100.0	1.1
Kamrup Urban District (2006-2011)	23	52.3	0.7	18	40.9	0.5	0	0.0	3	6.8	44	100.0	1.3
Manipur State (MR) (2006-2010)	47	39.2	0.8	43	35.8	0.8	23	19.2	7	5.8	120	100.0	2.2
<i>Imphal West District</i> (2006-2010)	13	34.2	1.1	15	39.5	1.3	9	23.7	1	2.6	38	100.0	3.3
<i>MR - Excl. Imphal West</i> (2006-2010)	34	41.5	0.7	28	34.1	0.7	14	17.1	6	7.3	82	100.0	1.9
Mizoram State (MZ) (2006-2010)	43	72.9	1.8	13	22.0	0.5	2	3.4	1	1.7	59	100.0	2.4
<i>Aizawl District</i> (2006-2010)	26	81.3	3.1	5	15.6	0.6	1	3.1	0	0.0	32	100.0	3.7
<i>MZ - Excl. Aizawl</i> (2006-2010)	17	63.0	1.1	8	29.6	0.5	1	3.7	1	3.7	27	100.0	1.7
Sikkim State (2006-2011)	15	39.5	0.7	18	47.4	1.0	5	13.2	0	0.0	38	100.0	2.0
Ahmedabad - Rural (2006-2010)	14	26.9	0.4	25	48.1	0.7	2	3.8	11	21.2	52	100.0	1.1
Ahmedabad - Urban (2006-2010)	100	33.4	1.0	135	45.2	1.1	18	6.0	46	15.4	299	100.0	2.7
Aurangabad (2005-2010)	19	33.9	0.7	27	48.2	1.1	5	8.9	5	8.9	56	100.0	2.1
Kolkata (2006-2009)	87	63.5	0.9	47	34.3	0.4	2	1.5	1	0.7	137	100.0	1.3
Kollam (2006-2010)	60	42.9	0.9	53	37.9	0.7	6	4.3	21	15.0	140	100.0	2.0
Nagpur (2005-2009)	55	53.9	1.0	43	42.2	0.7	2	2.0	2	2.0	102	100.0	1.9
Pune (2006-2010)	59	58.4	0.6	40	39.6	0.4	1	1.0	1	1.0	101	100.0	1.0
Thiruvananthapuram (2005-2011)	47	42.3	1.1	44	39.6	0.9	10	9.0	10	9.0	111	100.0	2.5
Meghalaya (2010-2011)	11	84.6	0.8	2	15.4	0.1	0	0.0	0	0.0	13	100.0	1.0
<i>East Khasi Hills</i> (2010-2011)	5	71.4	0.8	2	28.6	0.2	0	0.0	0	0.0	7	100.0	1.0
Tripura State (2010)	6	50.0	0.4	2	16.7	0.2	0	0.0	4	33.3	12	100.0	0.8
Nagaland (2010)	1	33.3	0.4	2	66.7	0.9	0	0.0	0	0.0	3	100.0	1.3
Wardha (2010-2011)	10	41.7	0.9	10	41.7	0.8	4	16.7	0	0.0	24	100.0	1.9

**Table 7.2(b): Number (#), Relative Proportion (%) and Age Adjusted Rates (AARs)
Myeloid Leukaemia (C92-C94)**

Females

Centre Name	C92.0 (Acute Myeloid Leukaemia)			C92.1 (Chronic Myeloid Leukaemia)			C92.2-C92.9 (All Other Myeloid Leukaemias)			C93-C94 (Others)		C91 (Lymphoid Leukaemia)	
	#	%	AAR	#	%	AAR	#	%	#	%	#	%	AAR
Bangalore (2006-2009)	132	55.9	1.2	83	35.2	0.7	15	6.4	6	2.5	236	100	2.1
Barshi Rural (2006-2010)	11	64.7	0.9	4	23.5	0.5	2	11.8	0	0.0	17	100	1.6
<i>Barshi Expanded</i> (2007-2009)	20	57.1	0.4	12	34.3	0.2	3	8.6	0	0.0	35	100	0.6
Bhopal (2006-2010)	25	49	0.7	26	51.0	0.6	0	0.0	0	0.0	51	100	1.3
Chennai (2006-2009)	108	65.5	1.1	54	32.7	0.6	1	0.6	2	1.2	165	100	1.7
Delhi (2006-2009)	274	52.8	1.0	220	42.4	0.8	25	4.8	0	0.0	519	100	2.0
Mumbai (2006-2010)	277	62.5	1.0	144	32.5	0.5	18	4.1	4	0.9	443	100	1.5
Cachar District (2007-2010)	21	56.8	0.8	15	40.5	0.5	1	2.7	0	0.0	37	100	1.4
Dibrugarh District (2006-2011)	15	57.7	0.4	9	34.6	0.3	2	7.7	0	0.0	26	100	0.8
Kamrup Urban District (2006-2011)	18	56.3	0.7	11	34.4	0.3	1	3.1	2	6.3	32	100	1.1
Manipur State (MR) (2006-2010)	44	57.9	0.8	13	17.1	0.2	18	23.7	1	1.3	76	100	1.3
<i>Imphal West District</i> (2006-2010)	20	66.7	1.7	5	16.7	0.3	5	16.7	0	0.0	30	100	2.3
<i>MR - Excl. Imphal West</i> (2006-2010)	24	52.2	0.5	8	17.4	0.2	13	28.3	1	2.2	46	100	1.0
Mizoram State (MZ) (2006-2010)	18	72	0.8	7	28.0	0.3	0	0.0	0	0.0	25	100	1.2
<i>Aizawl District</i> (2006-2010)	10	76.9	1.2	3	23.1	0.4	0	0.0	0	0.0	13	100	1.6
<i>MZ - Excl. Aizawl</i> (2006-2010)	8	66.7	0.6	4	33.3	0.3	0	0.0	0	0.0	12	100	0.9
Sikkim State (2006-2011)	11	47.8	0.6	7	30.4	0.5	5	21.7	0	0.0	23	100	1.5
Ahmedabad - Rural (2006-2010)	23	38.3	0.6	8	13.3	0.3	0	0.0	29	48.3	60	100	1.5
Ahmedabad - Urban (2006-2010)	84	38.9	0.8	94	43.5	0.9	12	5.6	26	12.0	216	100	2.0
Aurangabad (2005-2010)	20	60.6	0.7	11	33.3	0.4	0	0.0	2	6.1	33	100	1.3
Kolkata (2006-2009)	51	71.8	0.6	20	28.2	0.2	0	0.0	0	0.0	71	100	0.8
Kollam (2006-2010)	81	56.6	1.0	31	21.7	0.4	16	11.2	15	10.5	143	100	1.8
Nagpur (2005-2009)	40	57.1	0.8	29	41.4	0.5	0	0.0	1	1.4	70	100	0.2
Pune (2006-2010)	50	68.5	0.6	13	17.8	0.1	1	1.4	9	12.3	73	100	0.7
Thiruvananthapuram (2005-2011)	55	48.7	1.1	37	32.7	0.8	6	5.3	15	13.3	113	100	2.4
Meghalaya (2010-2011)	8	80	0.8	2	20.0	0.1	0	0.0	0	0.0	10	100	0.9
<i>East Khasi Hills</i> (2010-2011)	5	71.4	1.1	2	28.6	0.3	0	0.0	0	0.0	7	100	1.4
Tripura State (2010)	6	46.2	0.4	5	38.5	0.3	0	0.0	2	15.4	13	100	0.8
Nagaland (2010)	2	100	0.6	0	0.0	0	0	0.0	0	0.0	2	100	0.6
Wardha (2010-2011)	10	45.5	0.7	4	18.2	0.2	7	31.8	1	4.5	22	100	1.5