# Report of
# Development of an Atlas of Cancer in Punjab State
# For the years 2012 – 2013

NATIONAL CENTRE FOR DISEASE INFORMATICS AND RESEARCH
NATIONAL CANCER REGISTRY PROGRAMME


Indian Council of Medical Research
New Delhi

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## Executive Summary

The present account on the project on "Development of an Atlas of Cancer in Punjab State" is the First Report covering the calendar years 2012 and 2013. Under this project, a cost-effective design and plan using advances in modern electronic information technology, was conceived, to collate and process relevant data on cancer. This was mainly to have an idea of patterns of cancer in parts of the Punjab state not covered by the registries under the National Cancer Registry Programme (NCRP) of the Indian Council of Medical Research (ICMR). Wherever possible, it was also envisaged to calculate estimates of cancer incidence.

Knowledge of patterns of cancer is important to know what type of cancer is occurring where and if possible how much and to what extent. Only this will provide a background to search answers to questions related to causation of cancer, a baseline for undertaking, monitoring and evaluation of cancer control measures, and an environment for administering optimum care and measuring outcome.

The data that has been collated by the NCRP over the years has shown that over 80-85% of registered cases of cancer has a microscopic diagnosis and that over 70% of cancers are treated with radiation singly or in combination with other forms of cancer directed treatment. Accordingly, the basic principle of working in this study was to have the departments of pathology and radiation oncology (in medical colleges and hospitals) as the main points of capture of information on cancer cases. However, several other clinicians working in oncology actively collaborated.

Accordingly, all medical colleges pathology labs, civil hospitals and individual oncologists throughout the state were contacted for their interest to collaborate in the project. Those who responded were supplied with core forms for collecting basic information (mainly patient identification details including area of living, and site and morphology of tumour) and provided guidelines for collecting this information on all malignant cases reported in the department of pathology from 2011. Visits were made to these potential collaborating centres and on the spot instructions given. During the visits their need for support was assessed depending on the infrastructure and average number of malignancies reported per annum and data collation provided. Intense training workshops in different regions of the state were held. Principles of cancer registration, data collation, transmission and fundamentals of epidemiology constituted the thrust areas of training at the workshops. The workshops and visits contributed a great deal to the success of the project.

As in the earlier project on “Development of an Atlas of Cancer in India” the internet was identified as the primary communication medium for collecting the data. Collaborating centres were given an individual login-ID and password with detailed instructions on entering the core patient information and steps for onward transmission. The data so transmitted was downloaded

periodically at the Coordinating Centre of the NCRP – now the National Centre for Disease Informatics and Research. Data was also received from MMPCRK patients. Several detailed checks were done on the data so as to meet international standards. Where needed, clarification was sought from individual centres. A variety of duplicate checks to ensure that no case was counted twice were also carried out. Strict inclusion criteria were adopted.

The regular accepted measures by cancer registries for analysis, tabulation and estimation of incidence rates were followed. In all there were a total of 33,940 cases for the two-year period (1 January 2012 to 31 December 2013) from 29 centres including the cancer registries under the NCRP and other functioning cancer registries. The district was taken as a unit for calculation of incidence rates. The advantage of using the district as a unit, was that these are reasonably well demarcated geographic areas where the five year age group population is available from the Census of India Publications. Thus the age adjusted incidence rates (that is normally used for calculation and comparison of incidence rates) per 100,000 population were calculated for each district. The district wise incidence rates were compared with the incidence rates of the regular Population Based Cancer Registries (PBCRs) under the NCRP.

For all sites of cancer put together, in males, there were six districts (Bathinda, Mohali, Ludhiana, Jalandhar, Faridkot and Mansa) that had incidence rates higher than that of Patiala PBCR under NCRP. The corresponding number of districts in females was five (Bathinda, Faridkot, Mohali, Mansa and Ludhiana). None of the districts in males or females showed higher rates than that seen in North East PBCRs, but the rates in the above 5-6 districts were comparable with that of other PBCRs in the metros of India. Oesophageal cancer in males and females was an important leading site in many districts and was one of the five leading sites in females. However, the incidence rate of this cancer in both sexes was much lower than that seen in the North Eastern states and in males it was lower than that in Bangalore or Ahmedabad – urban. In females the corresponding incidence rate of oesophageal cancer was higher (8.9 versus 7.5) than that in Bangalore females who had the highest incidence among all PBCRs other than those in the North East. Apart from undertaking risk factor studies in the form of case control studies, one could also try pilot early detection projects. If successful such early detection exercises could be done across the state.

The incidence rates of multiple myeloma along with other lymphoid and haemopoietic malignancies appeared to be higher in some districts of Punjab compared to that seen in other PBCRs. Here also one needs to undertake case control studies.

Some of the other sites of cancer that show higher or comparably high incidence rates with the highest seen in other PBCRs in India are: in males: penile cancer (in Faridkot and Bathinda), prostate (Jalandhar), urinary bladder (Kapurthala, Jalandhar) and brain (Mohali and Mansa); in females: breast (Bathinda, Mohali), vagina (bathinda, Ludhiana), ovary (Mohali) and brain (Moga and Mohali).

# 1. Introduction:

The main objectives of this study were:

(i) to obtain an overview of patterns of cancer in the state of Punjab;

(ii) to calculate estimates of cancer incidence wherever feasible.

The First report for the combined years 2012 and 2013 for districts and centres gives an idea of the prevailing patterns of cancer by district in Punjab State. The data may be near complete in some districts whereas it could be far from complete in other places. There is also an additional problem of small numbers of cases. For all these reasons the patterns have to be interpreted with caution. However, certain sites of cancer in some districts show relatively high incidence rates compared to the rates published in the Population Based Cancer Registries. Pointers like these in the earlier project give important leads to the geographical pathology of cancer in India. Likewise these leads would have to be pursued and investigated.

Table 2.1 gives the list of collaborating centres. This report is divided into three main parts apart from overall plan and methods. Table 3 gives the distribution and patterns of cancer in selected Punjab districts. Table 4 provides an idea of the cancer patterns within the collaborating centres. Table 5 provides the district wise comparison of AAR with the Population Based Cancer Registries.

### Overall Plan and Methods:

The overall plan and Methods were along the lines of the earlier project on 'Development of an Atlas of Cancer in India'. A brief summary of the method is given below.

Initially, an invitation was sent to all medical institutions (which included medical colleges, major hospitals and pathology labs as well as cancer hospitals) in the state of Punjab. Also hospitals in outside Punjab state were also contacted. The list of collaborating centres is given in Tables 2.1.

A registration form was sent to these institutions for information regarding various details like – name and address of the institution, the names of potential principal investigators, the possible

method to interview and record residential address of the patients diagnosed as cancer, the number of malignancies reported per annum, computer facilities available and budgetary requirements.

Training workshops were conducted and also visits were made to several of these centres. Guidance was provided in basic principles and techniques of cancer registration and coding according to the International Classification of Diseases. The important issues in completion of the core proforma namely, residential address and primary site of tumour was emphasized.

The collaborating centres were given an individual login ID and password for transmission of data through the website www.canceratlaspunjab.org". The usual checks on the data and processing were done at the Coordinating Unit of NCRP in Bangalore.

The district wise results and centre wise patterns of cancer is provided in the following pages. The Age Adjusted incidence Rate (AAR) was calculated. This was compared with the AAR of the Population Based Cancer Registries (PBCR).

**Distribution and Patterns of Cancer in Selected Districts:**

Table 3 provides a summary of cancer patterns in 19 districts. The basis of selection of the districts is microscopically AAR of at least 40 per 100,000. District wise population according to the 5 year age group was estimated by the 'Difference Distribution Method' followed for the PBCRs. Accordingly; this was calculated for 1$^{st}$ July 2012 and 1$^{st}$ July 2013 for each of the districts for each year. Tables 3.1(a) to 3.14(a) show the centrewise distribution of each district and Tables 3.1(b) to 3.14(b) show the population, no. of cases, Crude Incident rates, Age Adjusted Incident rates and Truncated Incident rates. The first five leading sites of cancer by gender are depicted in figures 3.1 to 3.14.

**Profile of Cancers in Collaborating Centres**

This chapter gives a summarized account of the cancer patterns in each of the centres that have collaborated and contributed information of cancer cases.

This is basically a hospital based account of the cancers in each of these centres minus the data of cases covered by the area under the population based cancer registry Patiala. Tables 4.1(a) to 4.24(a) show the no. of cases received from each centre and 4.1(b) to 4.24(b) show the district wise distribution of cancer in each centre. The first 5 leading sites of cancer in these institutes are given in Figure 4.1 to 4.24.

**District wise Comparison of Cancer Patterns:**

Chapter 5 provides the comparison of the age adjusted incidence rates of the districts in this report with those obtained through the population based cancer registries for 2009–2011. The map of Punjab state displayed as units is also portrayed. Depending on the Aar of that site for a given district, graded shading, of each of the district is done. The higher the AAR the darker the shade. Where data is sparse gray shading is done.

## Table 2.1 : List of Collaborating Centres

| Name of the Collaborating Centre | District / City |
|---|---|
| Sardana Labs | Jalandhar |
| Dr. Monika's Lab | Bathinda |
| Christian Medical College & Hospital | Ludhiana |
| Dayanand Medical College & Hospital | Ludhiana |
| Mohan Dai Oswal Multispeciality and Cancer Hospital | Ludhiana |
| Patel Cancer and Superspeciality Hospital | Jalandhar |
| Grecian Super-Speciality Hospital | Mohali |
| SGRD Institute of Medical Sciences & Research | Amritsar |
| Dr Sheena's Path Lab | Bathinda |
| Behgal Hospital | S.A.S. Nagar |
| Government Medical College | Amritsar |
| Indus Super Speciality Hospital | Mohali |
| Guru Gobind Singh Medical College | Faridkot |
| Adesh Institute of Medical Sciences and Research | Bathinda |
| Mittal Labs & Hormone Centre | Bathinda |
| Kanwal Lab & Diagnostic Centre | Bathinda |
| Max Super Speciality Hospital | Bathinda |
| Max Super Speciality Hospital | Mohali |
| Fortis Hospital | Mohali |
| IVY Hospital | Mohali |
| Punjab Institute of Medical Sciences | Jalandhar |
| Ashok Clinical Laboratory | Patiala |
| Gian Sagar Medical College & Hospital, Ram Nagar, | Banur |
| **Other than Punjab State** | |
| PGIMER, | Chandigarh |
| Govt. Medical College & Hospital , | Chandigarh |
| Acharya Tulsi Regional Cancer Treatment and Research Institute, | Bikaner |
| Dr. B.R. Ambedkar Institute Rotary Cancer Hospital, | New Delhi |
| Rajiv Gandhi Cancer Institute and Research Centre, | New Delhi |
| Medanta Cancer Centre, | Gurgaon |

## Table 3: District wise Distribution of Cancers

| Sl No | District Name | Year - (2012-2013) | | |
|---|---|---|---|---|
| | | Expected Cases | # | % |
| 1 | Bathinda | 2453 | 3099 | 126.3 |
| 2 | Faridkot | 1082 | 1167 | 107.9 |
| 3 | Mohali | 1780 | 1902 | 106.9 |
| 4 | Jalandhar | 3816 | 3625 | 95.0 |
| 5 | Ludhiana | 6138 | 5824 | 94.9 |
| 6 | Mansa | 1345 | 1258 | 93.5 |
| 7 | Sangrur | 2899 | 2224 | 76.7 |
| 8 | Muktsar | 1592 | 1201 | 75.4 |
| 9 | Rupnagar | 1191 | 835 | 70.1 |
| 10 | Kapurthala | 1424 | 987 | 69.3 |
| 11 | Hoshiarpur | 2749 | 1899 | 69.1 |
| 12 | Fatehgarh Sahib | 1050 | 688 | 65.5 |
| 13 | Moga | 1735 | 1121 | 64.6 |
| 14 | Amritsar | 4387 | 2703 | 61.6 |
| 15 | Barnala | 1046 | 620 | 59.3 |
| 16 | SBS Nagar | 1062 | 622 | 58.6 |
| 17 | Firozpur + Fazilka | 3773 | 1849 | 49.0 |
| 18 | Gurdaspur + Pathankot | 4209 | 1692 | 40.2 |
| 19 | Tarn Taran | 1985 | 523 | 26.3 |
| 20 | Other's / District Unknown | - | 101 | - |
| | **Total** | **45716** | **33940** | **74.2** |

# Bathinda District

*(District Code: 314)*

## Table 3.1 (a): Centrewise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

| **Name of Centre** *(With Centre Code)* | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **#** | **%** | **#** | **%** | **#** | **%** |
| Dr. Monika's Lab, Bathinda *(03019)* | 445 | 30.6 | 516 | 31.3 | 961 | 31.0 |
| Guru Gobind Singh Medical College, Faridkot *(03005)* | 213 | 14.7 | 318 | 19.3 | 531 | 17.1 |
| Government Medical College, Patiala *(03024)* | 240 | 16.5 | 229 | 13.9 | 469 | 15.1 |
| Max Super Speciality Hospital, Bathinda *(03018)* | 134 | 9.2 | 143 | 8.7 | 277 | 8.9 |
| Civil Hospital, Bathinda *(03006)* | 52 | 3.6 | 82 | 5.0 | 134 | 4.3 |
| Mittal Labs & Hormone Centre, Bathinda *(03010)* | 63 | 4.3 | 69 | 4.2 | 132 | 4.3 |
| Dr Sheena's Path Lab, Bathinda *(03015)* | 37 | 2.5 | 23 | 1.4 | 60 | 1.9 |
| Kanwal Lab & Diagnostic Centre, Bathinda *(03016)* | 34 | 2.3 | 19 | 1.2 | 53 | 1.7 |
| Other Centres | 54 | 3.7 | 27 | 1.6 | 81 | 2.6 |
| **Other than Punjab Centres** | | | | | | |
| Acharya Tulsi Regional Cancer Treatment and Research Institute, Bikaner *(530)* | 84 | 5.8 | 127 | 7.7 | 211 | 6.8 |
| PGIMER, Chandigarh *(539)* | 60 | 4.1 | 61 | 3.7 | 121 | 3.9 |
| Rajiv Gandhi Cancer Institute and Research Centre, New Delhi *(541)* | 31 | 2.1 | 22 | 1.3 | 53 | 1.7 |
| Other Centres | 6 | 0.4 | 10 | 0.6 | 16 | 0.5 |
| **Total Cases** | **1453** | **100.0** | **1646** | **100.0** | **3099** | **100.0** |

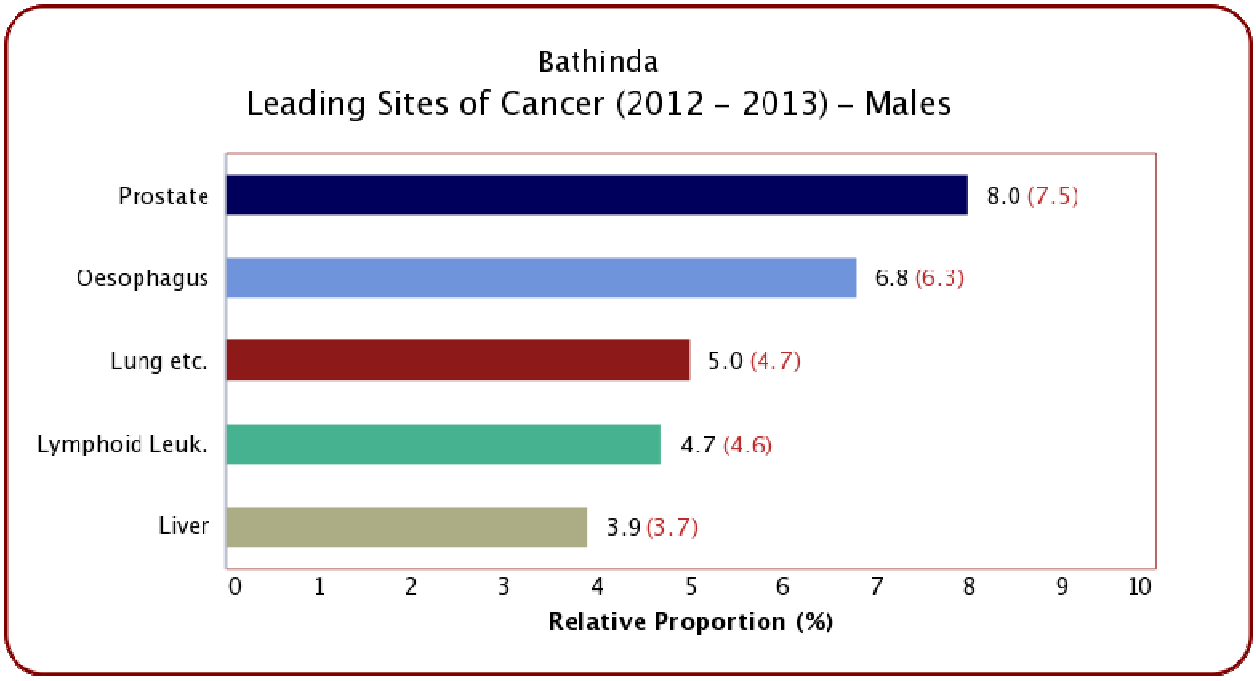
## Table 3.1 (b): Salient Features of Cancer Incidence (2012-2013)

| **Year** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **Males** | **Females** | **Males** | **Females** | **Males** | **Females** |
| Estimated Population | 759302 | 659152 | 771611 | 669712 | 1530913 | 1328864 |
| Total Cancers (All Sites) | 614 | 839 | 716 | 930 | 1330 | 1769 |
| Crude IR | 80.9 | 127.3 | 92.8 | 138.9 | 86.9 | 133.1 |
| Age Adjusted IR | 85.8 | 123.7 | 97.8 | 133.8 | 91.9 | 128.8 |
| Truncated IR | 159.8 | 277.1 | 180.3 | 301.7 | 170.2 | 289.5 |

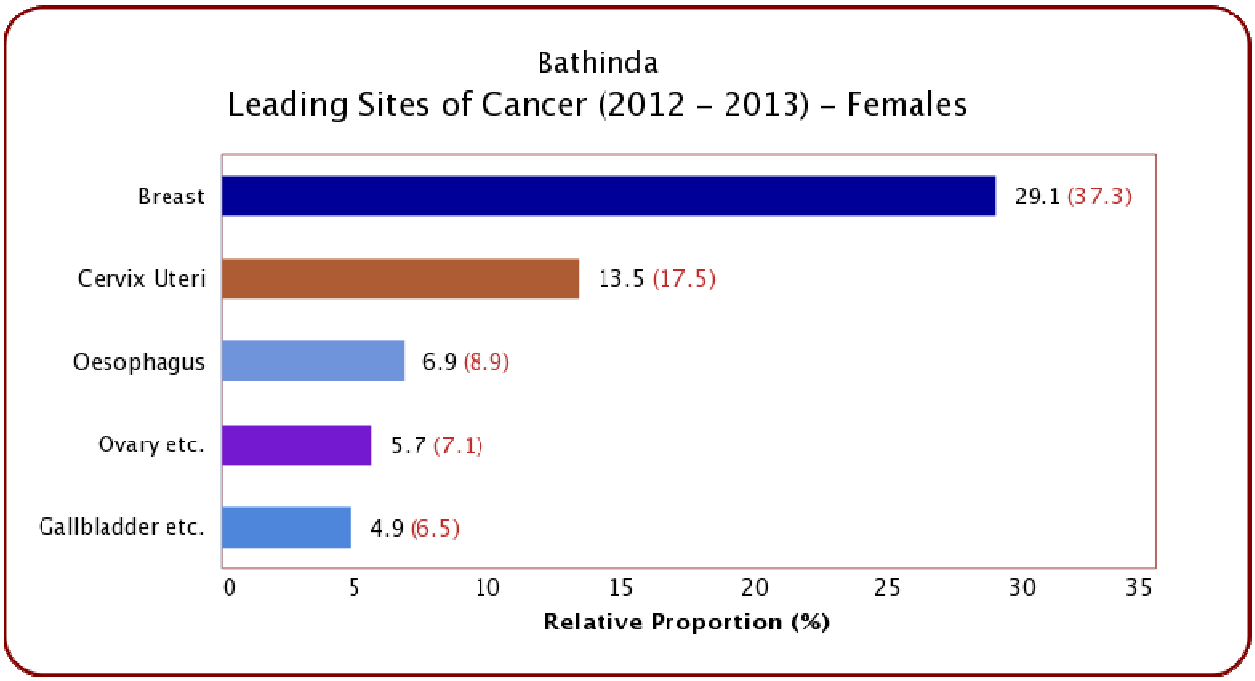
## Figure 3.1: Five Leading Sites of Cancer – (2012-2013)

*(Minimum Age Adjusted Incidence Rates given in parentheses)*

**Males**




**Females**



# Mohali District

*(District Code: 318)*

## Table 3.2 (a): Centrewise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

| **Name of Centre** *(With Centre Code)* | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **#** | **%** | **#** | **%** | **#** | **%** |
| Government Medical College, Patiala *(03024)* | 97 | 9.1 | 98 | 11.7 | 195 | 10.3 |
| Indus Super Speciality Hospital, Mohali *(03007)* | 152 | 14.3 | 28 | 3.3 | 180 | 9.5 |
| Max Super Speciality Hospital, Mohali *(03021)* | 63 | 5.9 | 75 | 8.9 | 138 | 7.3 |
| Fortis Hospital, Mohali *(03079)* | 64 | 6.0 | 67 | 8.0 | 131 | 6.9 |
| IVY Hospital, Mohali *(03030)* | 64 | 6.0 | 25 | 3.0 | 89 | 4.7 |
| Behgal Hospital, S.A.S. Nagar *(03084)* | 32 | 3.0 | 22 | 2.6 | 54 | 2.8 |
| Grecian Super-Speciality Hospital , Mohali *(03070)* | 27 | 2.5 | 8 | 1.0 | 35 | 1.8 |
| Mohan Dai Oswal Multispeciality and Cancer Hospital, Ludhiana *(03027)* | 13 | 1.2 | 7 | 0.8 | 20 | 1.1 |
| Other Centres | 9 | 0.8 | 14 | 1.7 | 23 | 1.2 |
| **Other than Punjab Centres** | | | | | | |
| PGIMER, Chandigarh *(539)* | 388 | 36.5 | 357 | 42.6 | 745 | 39.2 |
| Govt. Medical College & Hospital, Chandigarh *(04001)* | 125 | 11.7 | 122 | 14.6 | 247 | 13.0 |
| Rajiv Gandhi Cancer Institute and Research Centre, New Delhi *(541)* | 16 | 1.5 | 7 | 0.8 | 23 | 1.2 |
| Other Centres | 14 | 1.3 | 8 | 1.0 | 22 | 1.2 |
| **Total Cases** | **1064** | **100.0** | **838** | **100.0** | **1902** | **100.0** |

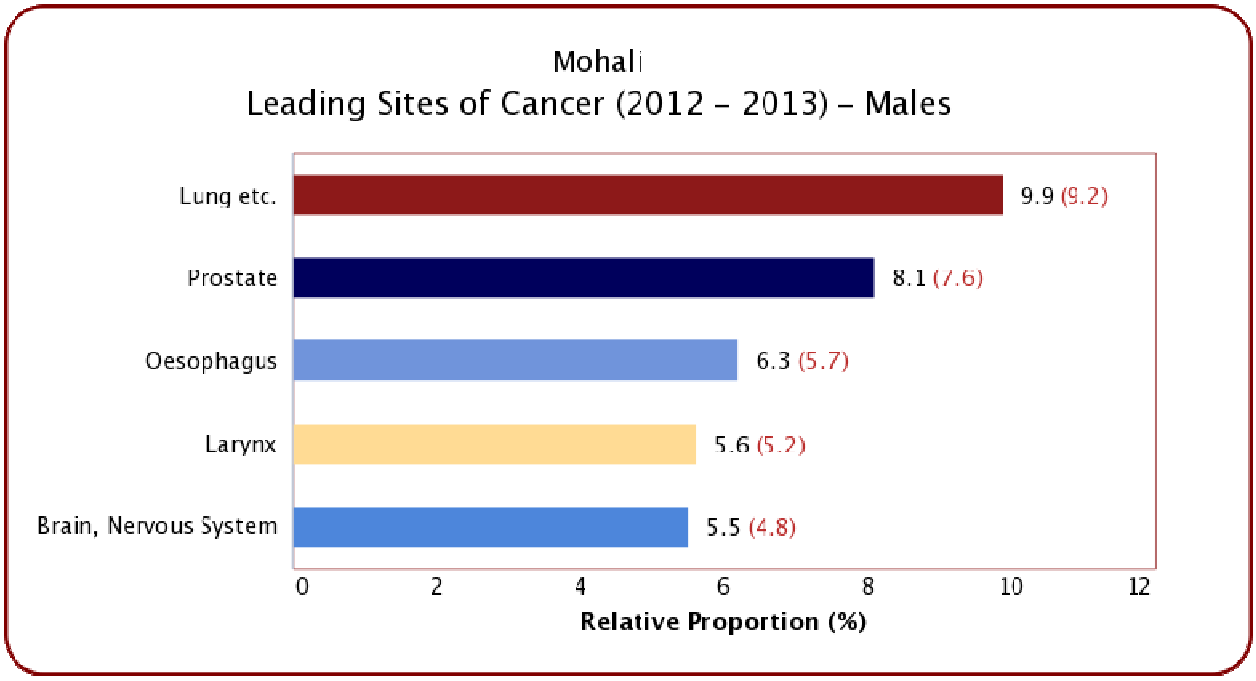
## Table 3.2 (b): Salient Features of Cancer Incidence (2012-2013)

| **Year** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **Males** | **Females** | **Males** | **Females** | **Males** | **Females** |
| Estimated Population | 548373 | 484993 | 563167 | 500250 | 1111540 | 985243 |
| Total Cancers (All Sites) | 516 | 548 | 396 | 442 | 912 | 990 |
| Crude IR | 94.1 | 113.0 | 70.3 | 88.4 | 82.0 | 100.5 |
| Age Adjusted IR | 105.1 | 118.8 | 76.8 | 93.4 | 90.7 | 105.8 |
| Truncated IR | 164.4 | 245.9 | 126.7 | 188.5 | 145.1 | 216.5 |

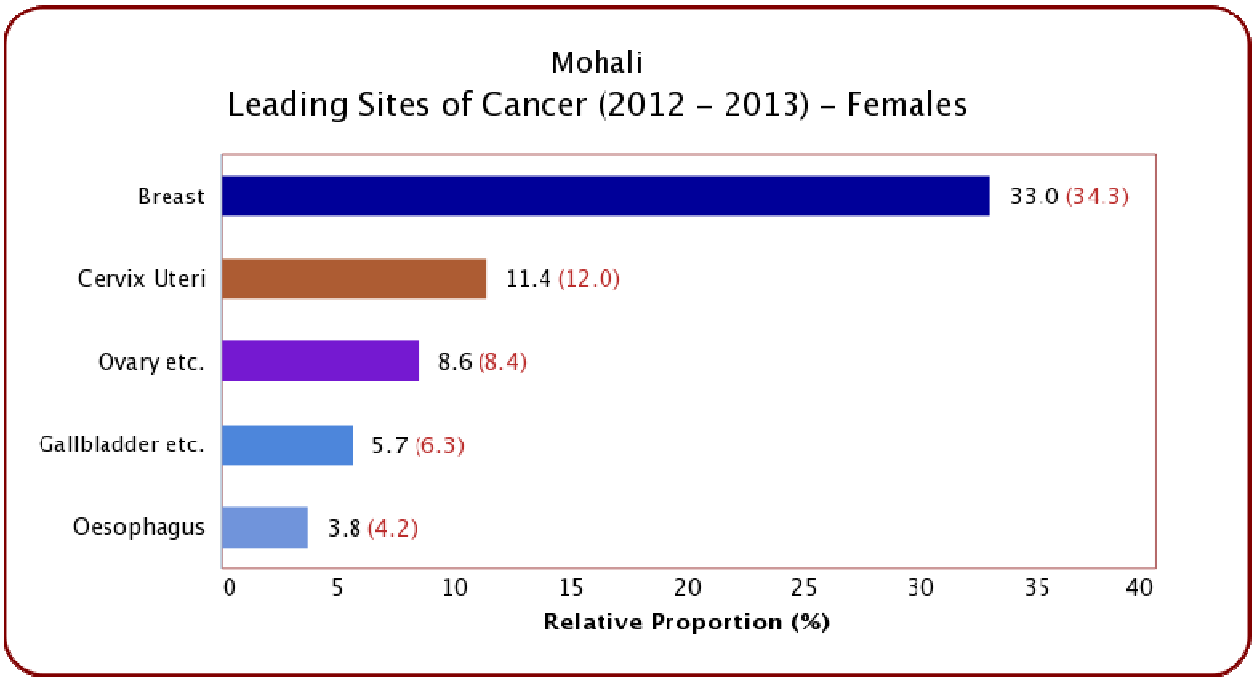
## Figure 3.2: Five Leading Sites of Cancer – (2012-2013)

*(Minimum Age Adjusted Incidence Rates given in parentheses)*

**Males**




**Females**



# Ludhiana District

*(District Code: 309)*

## Table 3.3 (a): Centrewise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

| **Name of Centre** *(With Centre Code)* | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **#** | **%** | **#** | **%** | **#** | **%** |
| Dayanand Medical College & Hospital, Ludhiana *(03023)* | 1195 | 38.1 | 876 | 32.6 | 2071 | 35.6 |
| Mohan Dai Oswal Multispeciality and Cancer Hospital, Ludhiana *(03027)* | 688 | 21.9 | 452 | 16.8 | 1140 | 19.6 |
| Government Medical College, Patiala *(03024)* | 510 | 16.3 | 640 | 23.8 | 1135 | 19.5 |
| Christian Medical College & Hospital, Ludhiana *(03002)* | 287 | 9.2 | 266 | 9.9 | 553 | 9.5 |
| Guru Gobind Singh Medical College, Faridkot *(03005)* | 41 | 1.3 | 54 | 2.0 | 95 | 1.6 |
| Other Centres | 85 | 2.7 | 73 | 2.7 | 173 | 3.0 |
| **Other than Punjab Centres** | | | | | | |
| PGIMER, Chandigarh *(539)* | 189 | 6.0 | 189 | 7.0 | 378 | 6.5 |
| Govt. Medical College & Hospital, Chandigarh *(04001)* | 51 | 1.6 | 45 | 1.7 | 96 | 1.6 |
| Rajiv Gandhi Cancer Institute and Research Centre, New Delhi *(541)* | 51 | 1.6 | 43 | 1.6 | 94 | 1.6 |
| Acharya Tulsi Regional Cancer Treatment and Research Institute, Bikaner *(530)* | 32 | 1.0 | 34 | 1.3 | 66 | 1.1 |
| Other Centres | 7 | 0.2 | 16 | 0.6 | 23 | 0.4 |
| **Total Cases** | **3136** | **100.0** | **2688** | **100.0** | **5824** | **100.0** |

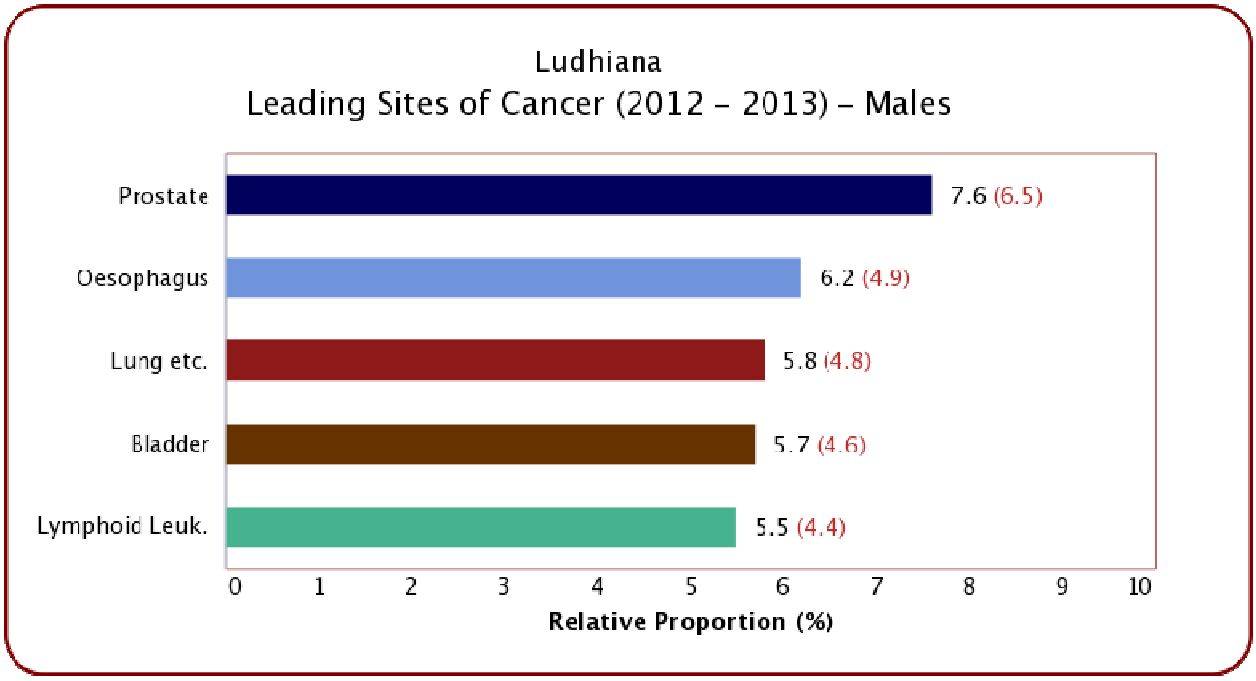
## Table 3.3 (b): Salient Features of Cancer Incidence (2012-2013)

| **Year** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **Males** | **Females** | **Males** | **Females** | **Males** | **Females** |
| Estimated Population | 1897010 | 1669258 | 1919205 | 1698600 | 3816215 | 3367858 |
| Total Cancers (All Sites) | 1459 | 1677 | 1332 | 1356 | 2791 | 3033 |
| Crude IR | 76.9 | 100.5 | 69.4 | 79.8 | 73.1 | 90.1 |
| Age Adjusted IR | 83.5 | 102.4 | 75.0 | 80.3 | 79.2 | 91.2 |
| Truncated IR | 155.2 | 221.2 | 135.4 | 179.7 | 145.1 | 200.1 |

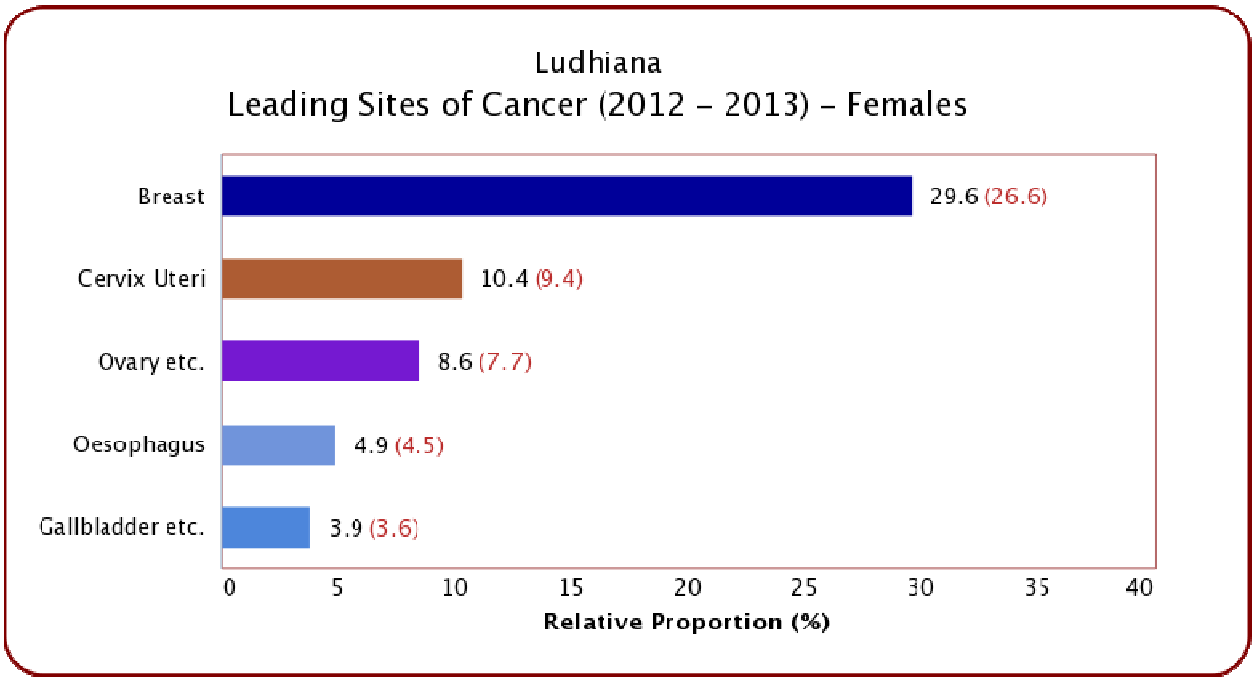
## Figure 3.3: Five Leading Sites of Cancer – (2012-2013)

*(Minimum Age Adjusted Incidence Rates given in parentheses)*

**Males**




**Females**



# Jalandhar District

*(District Code: 304)*

## Table 3.4 (a): Centrewise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

| **Name of Centre** *(With Centre Code)* | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **#** | **%** | **#** | **%** | **#** | **%** |
| Sardana Labs, Jalandhar *(03009)* | 652 | 34.2 | 608 | 35.3 | 1260 | 34.8 |
| Patel Cancer and Superspeciality Hospital, Jalandhar *(03072)* | 405 | 21.3 | 498 | 29.0 | 903 | 24.9 |
| Government Medical College, Patiala *(03024)* | 210 | 11.0 | 257 | 14.9 | 467 | 12.9 |
| Punjab Institute of Medical Sciences, Jalandhar *(03086)* | 111 | 5.8 | 61 | 3.5 | 172 | 4.7 |
| Mohan Dai Oswal Multispeciality and Cancer Hospital, Ludhiana *(03027)* | 160 | 8.4 | 6 | 0.3 | 166 | 4.6 |
| Christian Medical College & Hospital, Ludhiana *(03002)* | 34 | 1.8 | 32 | 1.9 | 66 | 1.8 |
| Government Medical College, Amritsar *(03003)* | 32 | 1.7 | 13 | 0.8 | 45 | 1.2 |
| Other Centres | 97 | 5.1 | 77 | 4.5 | 174 | 4.8 |
| **Other than Punjab Centres** | | | | | | |
| PGIMER, Chandigarh *(539)* | 102 | 5.4 | 93 | 5.4 | 195 | 5.4 |
| Rajiv Gandhi Cancer Institute and Research Centre, New Delhi *(541)* | 51 | 2.7 | 35 | 2.0 | 86 | 2.4 |
| Acharya Tulsi Regional Cancer Treatment and Research Institute, Bikaner *(530)* | 23 | 1.2 | 27 | 1.6 | 50 | 1.4 |
| Other Centres | 28 | 1.5 | 13 | 0.8 | 41 | 1.1 |
| **Total Cases** | **1905** | **100.0** | **1720** | **100.0** | **3625** | **100.0** |

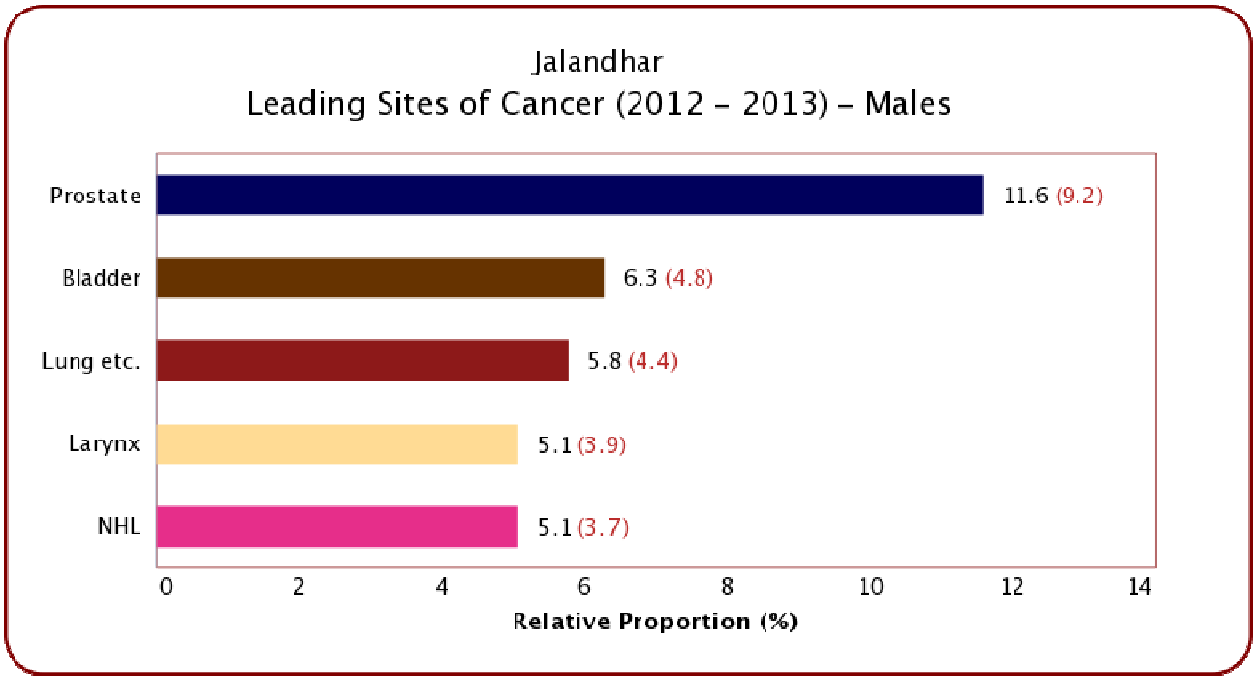
## Table 3.4 (b): Salient Features of Cancer Incidence (2012-2013)

| **Year** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **Males** | **Females** | **Males** | **Females** | **Males** | **Females** |
| Estimated Population | 1159993 | 1066408 | 1171209 | 1080134 | 2331202 | 2146542 |
| Total Cancers (All Sites) | 908 | 997 | 769 | 951 | 1677 | 1948 |
| Crude IR | 78.3 | 93.5 | 65.7 | 88.0 | 71.9 | 90.8 |
| Age Adjusted IR | 82.7 | 89.2 | 67.4 | 83.2 | 75.0 | 86.2 |
| Truncated IR | 138.7 | 199.9 | 112.1 | 182.5 | 125.2 | 191.1 |

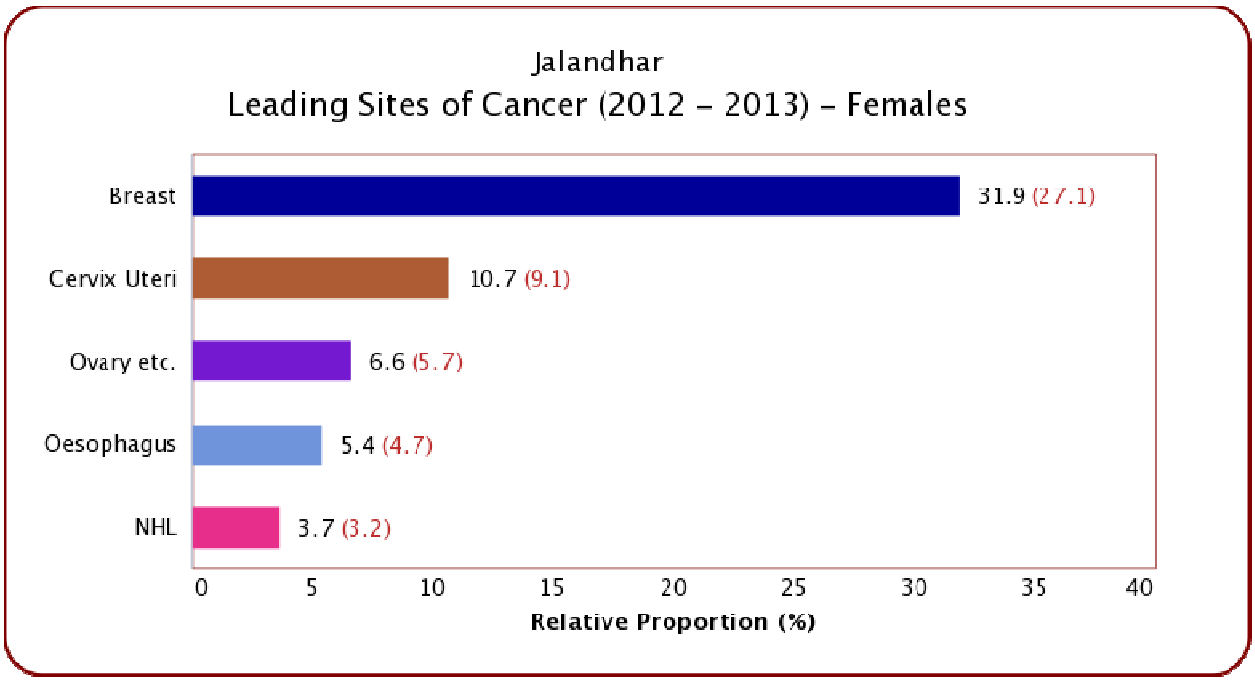
## Figure 3.4: Five Leading Sites of Cancer – (2012-2013)

*(Minimum Age Adjusted Incidence Rates given in parentheses)*

**Males**




**Females**



# Faridkot District

*(District Code: 313)*

## Table 3.5 (a): Centrewise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

| **Name of Centre** *(With Centre Code)* | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **#** | **%** | **#** | **%** | **#** | **%** |
| Guru Gobind Singh Medical College, Faridkot *(03005)* | 223 | 33.2 | 262 | 52.9 | 485 | 41.6 |
| Government Medical College, Patiala *(03024)* | 283 | 42.1 | 120 | 24.2 | 403 | 34.5 |
| Dr. Monika's Lab, Bathinda *(03019)* | 46 | 6.8 | 28 | 5.7 | 74 | 6.3 |
| Mittal Labs & Hormone Centre, Bathinda *(03010)* | 17 | 2.5 | 8 | 1.6 | 25 | 2.1 |
| Civil Hospital, Kotkapura *(03029)* | 14 | 2.1 | 5 | 1.0 | 19 | 1.6 |
| Christian Medical College & Hospital, Ludhiana *(03002)* | 9 | 1.3 | 6 | 1.2 | 15 | 1.3 |
| Adesh Institute of Medical Sciences and Research, Bathinda *(03001)* | 10 | 1.5 | 4 | 0.8 | 14 | 1.2 |
| Other Centres | 29 | 4.3 | 20 | 4.2 | 50 | 4.3 |
| **Other than Punjab Centres** | | | | | | |
| Acharya Tulsi Regional Cancer Treatment and Research Institute, Bikaner *(530)* | 15 | 2.2 | 20 | 4.0 | 35 | 3.0 |
| PGIMER, Chandigarh *(539)* | 13 | 1.9 | 17 | 3.4 | 30 | 2.6 |
| Other Centres | 13 | 1.9 | 4 | 0.8 | 17 | 1.5 |
| **Total Cases** | **672** | **100.0** | **495** | **100.0** | **1167** | **100.0** |

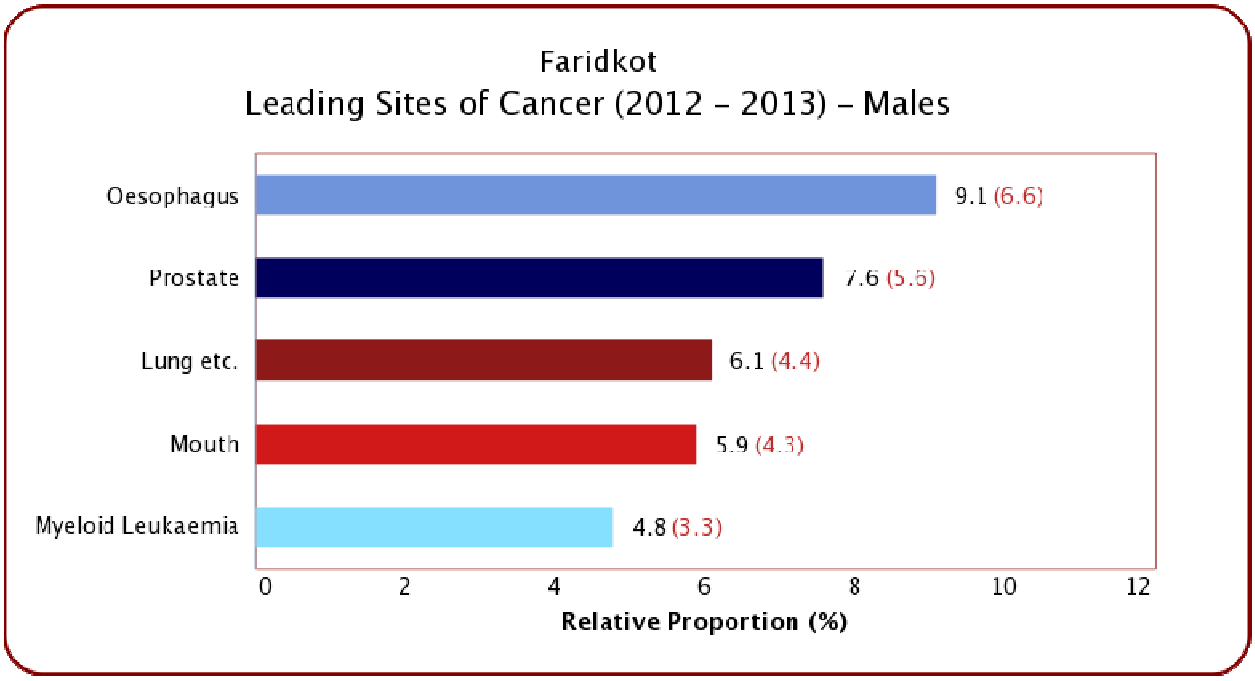
## Table 3.5 (b): Salient Features of Cancer Incidence (2012-2013)

| **Year** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **Males** | **Females** | **Males** | **Females** | **Males** | **Females** |
| Estimated Population | 331503 | 295473 | 335175 | 299002 | 666678 | 594475 |
| Total Cancers (All Sites) | 259 | 413 | 201 | 294 | 460 | 707 |
| Crude IR | 78.1 | 139.8 | 60.0 | 98.3 | 69.0 | 118.9 |
| Age Adjusted IR | 82.0 | 135.9 | 62.2 | 95.2 | 72.0 | 115.3 |
| Truncated IR | 149.3 | 287.8 | 111.4 | 207.2 | 130.1 | 246.9 |

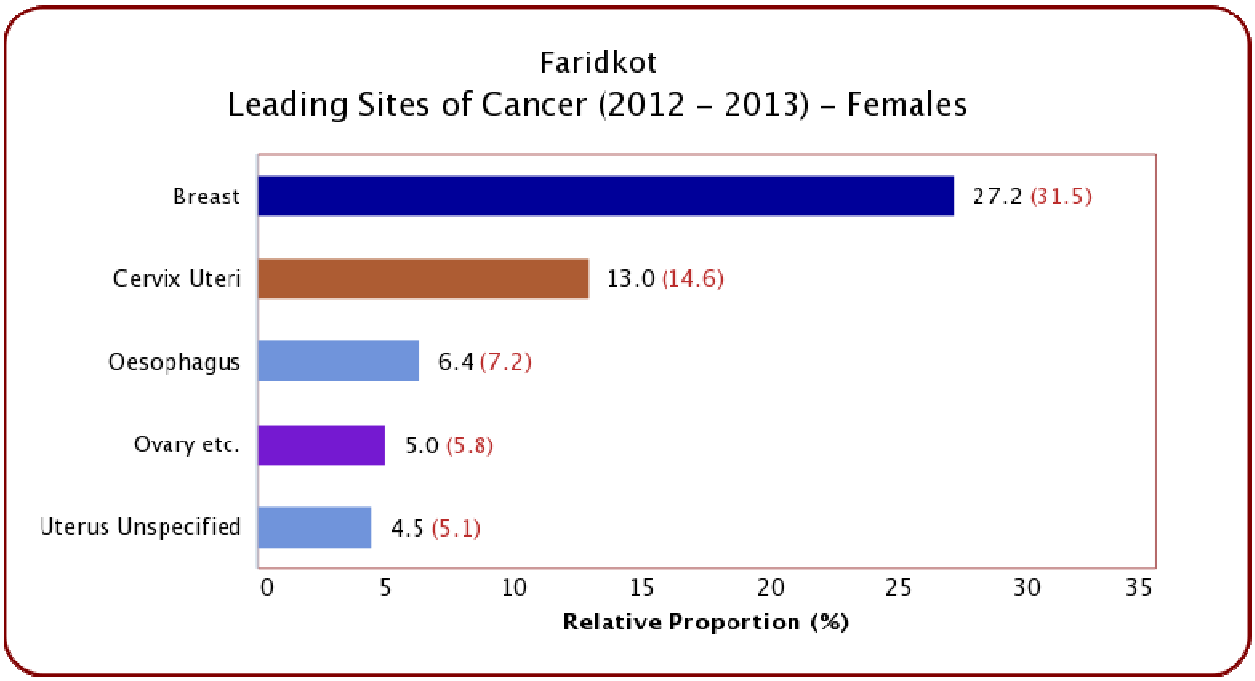
## Figure 3.5: Five Leading Sites of Cancer – (2012-2013)

*(Minimum Age Adjusted Incidence Rates given in parentheses)*

**Males**




**Females**



# Mansa District

*(District Code: 315)*

## Table 3.6 (a): Centrewise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

| **Name of Centre** *(With Centre Code)* | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **#** | **%** | **#** | **%** | **#** | **%** |
| Government Medical College, Patiala *(03024)* | 179 | 31.9 | 159 | 22.8 | 338 | 26.9 |
| Civil Hospital , Mansa *(03051)* | 100 | 17.8 | 138 | 19.8 | 238 | 18.9 |
| Guru Gobind Singh Medical College, Faridkot *(03005)* | 74 | 13.2 | 129 | 18.5 | 203 | 16.1 |
| Dr. Monika's Lab, Bathinda *(03019)* | 43 | 7.7 | 30 | 4.3 | 73 | 5.8 |
| Max Super Speciality Hospital, Bathinda *(03018)* | 22 | 3.9 | 48 | 6.9 | 70 | 5.6 |
| Mittal Labs & Hormone Centre, Bathinda *(03010)* | 19 | 3.4 | 5 | 0.7 | 24 | 1.9 |
| Mohan Dai Oswal Multispeciality and Cancer Hospital, Ludhiana *(03027)* | 11 | 2.0 | 10 | 1.4 | 21 | 1.7 |
| Dr Sheena's Path Lab, Bathinda *(03015)* | 6 | 1.1 | 11 | 1.6 | 17 | 1.4 |
| Grecian Super-Speciality Hospital , Mohali *(03070)* | 5 | 0.9 | 8 | 1.1 | 13 | 1.0 |
| Other Centres | 11 | 2.0 | 16 | 2.3 | 27 | 2.1 |
| **Other than Punjab Centres** | | | | | | |
| Acharya Tulsi Regional Cancer Treatment and Research Institute, Bikaner *(530)* | 40 | 7.1 | 67 | 9.6 | 107 | 8.5 |
| PGIMER, Chandigarh *(539)* | 36 | 6.4 | 54 | 7.8 | 90 | 7.2 |
| Rajiv Gandhi Cancer Institute and Research Centre, New Delhi *(541)* | 8 | 1.4 | 12 | 1.7 | 20 | 1.6 |
| Govt. Medical College & Hospital, Chandigarh *(04001)* | 8 | 1.4 | 8 | 1.1 | 16 | 1.3 |
| Medanta Cancer Centre, Gurgaon *(505)* | - | - | 1 | 0.1 | 1 | 0.1 |
| **Total Cases** | **562** | **100.0** | **696** | **100.0** | **1258** | **100.0** |

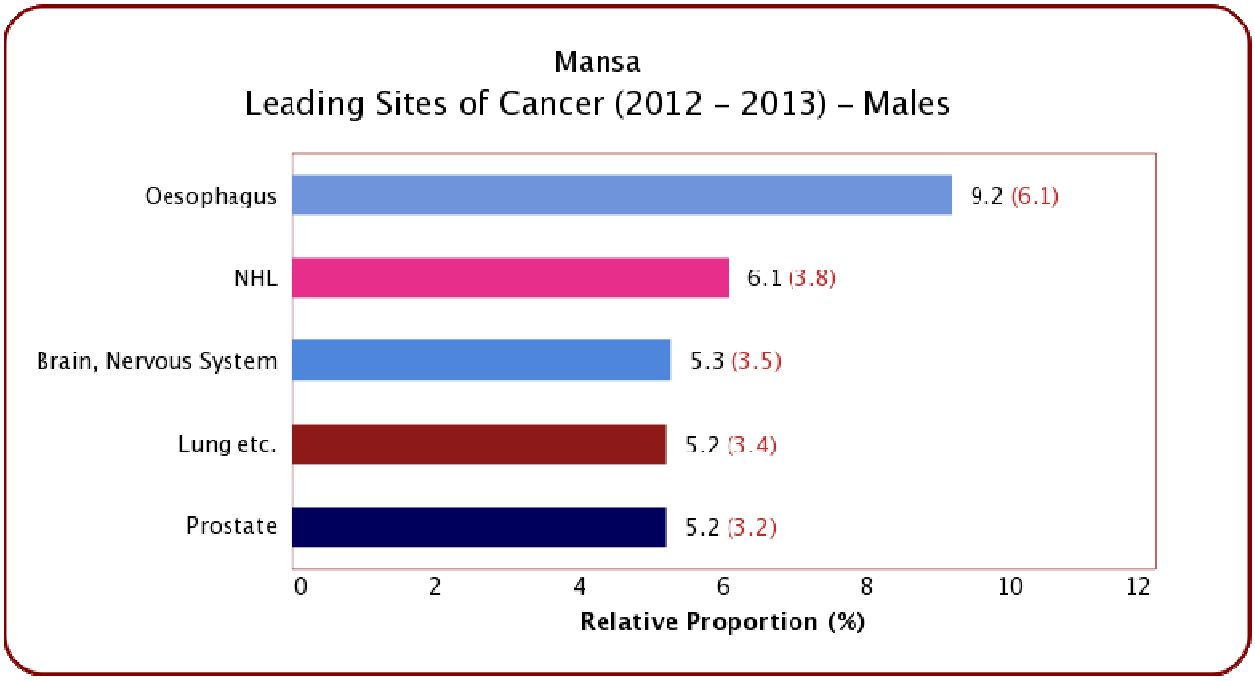
## Table 3.6 (b): Salient Features of Cancer Incidence (2012-2013)

| **Year** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **Males** | **Females** | **Males** | **Females** | **Males** | **Females** |
| Estimated Population | 414729 | 366518 | 419281 | 370700 | 834010 | 737218 |
| Total Cancers (All Sites) | 229 | 333 | 314 | 382 | 543 | 715 |
| Crude IR | 55.2 | 90.9 | 74.9 | 103.0 | 65.1 | 97.0 |
| Age Adjusted IR | 57.4 | 87.3 | 76.9 | 101.3 | 67.2 | 94.4 |
| Truncated IR | 107.8 | 213.2 | 148.2 | 243.4 | 128.3 | 228.5 |

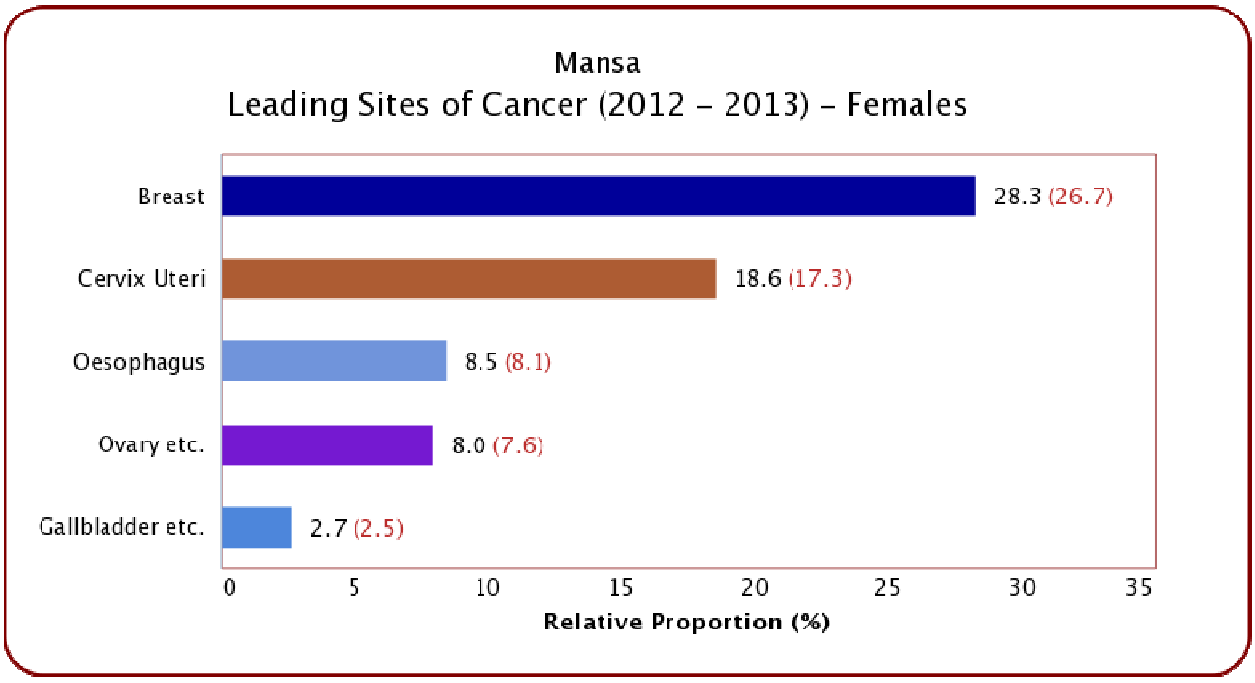
## Figure 3.6: Five Leading Sites of Cancer – (2012-2013)

*(Minimum Age Adjusted Incidence Rates given in parentheses)*

**Males**




**Females**



# Rupnagar District

*(District Code: 307)*

## Table 3.7 (a): Centrewise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

| **Name of Centre** *(With Centre Code)* | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **#** | **%** | **#** | **%** | **#** | **%** |
| Government Medical College, Patiala *(03024)* | 58 | 14.1 | 71 | 16.7 | 129 | 15.4 |
| Indus Super Speciality Hospital, Mohali *(03007)* | 33 | 8.0 | 10 | 2.4 | 43 | 5.1 |
| Max Super Speciality Hospital, Mohali *(03021)* | 10 | 2.4 | 21 | 4.9 | 31 | 3.7 |
| Grecian Super-Speciality Hospital , Mohali *(03070)* | 8 | 2.0 | 21 | 4.9 | 29 | 3.5 |
| Fortis Hospital, Mohali *(03079)* | 10 | 2.4 | 18 | 4.2 | 28 | 3.4 |
| Behgal Hospital, S.A.S. Nagar *(03084)* | 18 | 4.4 | 4 | 0.9 | 22 | 2.6 |
| IVY Hospital, Mohali *(03030)* | 12 | 2.9 | 6 | 1.4 | 18 | 2.2 |
| Mohan Dai Oswal Multispeciality and Cancer Hospital, Ludhiana *(03027)* | 14 | 3.4 | - | - | 14 | 1.7 |
| Civil Hospital, Ropar *(03058)* | 10 | 2.4 | - | - | 10 | 1.2 |
| Other Centres | 3 | 0.7 | 4 | 0.9 | 7 | 0.8 |
| **Other than Punjab Centres** | | | | | | |
| PGIMER, Chandigarh *(539)* | 187 | 45.6 | 217 | 51.1 | 404 | 48.4 |
| Govt. Medical College & Hospital, Chandigarh *(04001)* | 43 | 10.5 | 51 | 12.0 | 94 | 11.3 |
| Rajiv Gandhi Cancer Institute and Research Centre, New Delhi *(541)* | 4 | 1.0 | 2 | 0.5 | 6 | 0.7 |
| **Total Cases** | **410** | **100.0** | **425** | **100.0** | **835** | **100.0** |

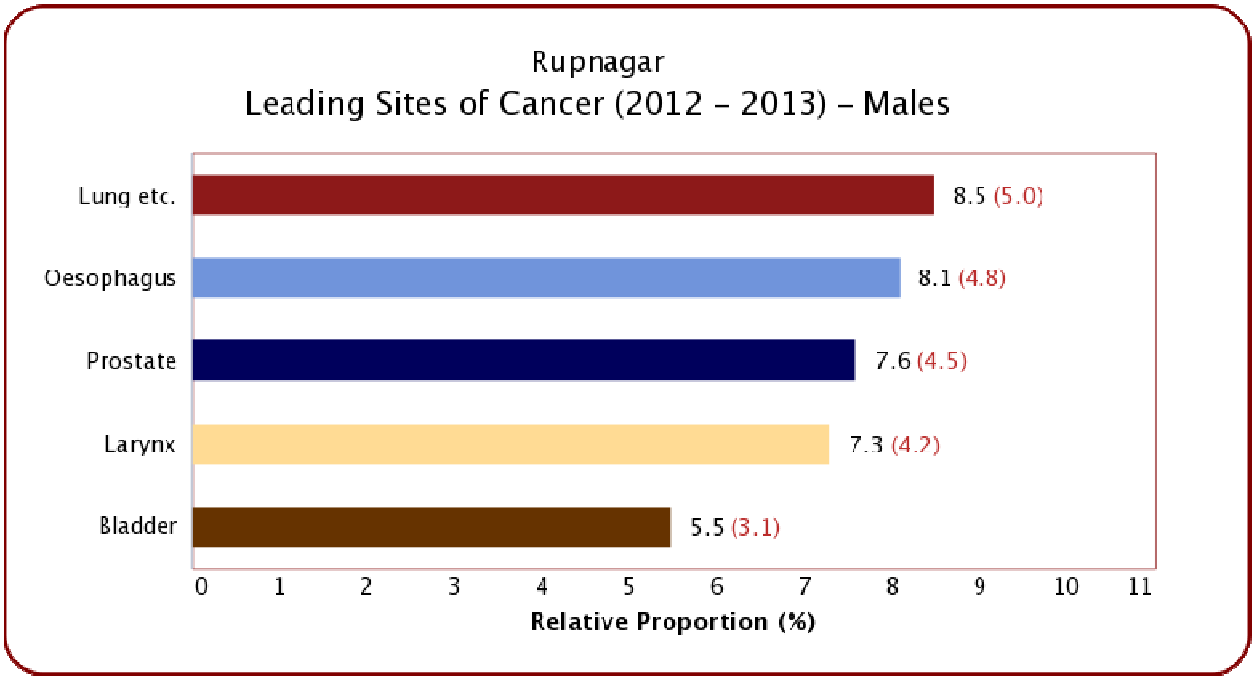
## Table 3.7 (b): Salient Features of Cancer Incidence (2012-2013)

| **Year** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **Males** | **Females** | **Males** | **Females** | **Males** | **Females** |
| Estimated Population | 360889 | 331551 | 363465 | 334892 | 724354 | 666443 |
| Total Cancers (All Sites) | 224 | 186 | 198 | 227 | 422 | 413 |
| Crude IR | 62.1 | 56.1 | 54.5 | 67.8 | 58.3 | 62.0 |
| Age Adjusted IR | 62.8 | 53.4 | 54.8 | 65.0 | 58.7 | 59.3 |
| Truncated IR | 114.5 | 121.7 | 87.3 | 143.6 | 100.8 | 132.8 |

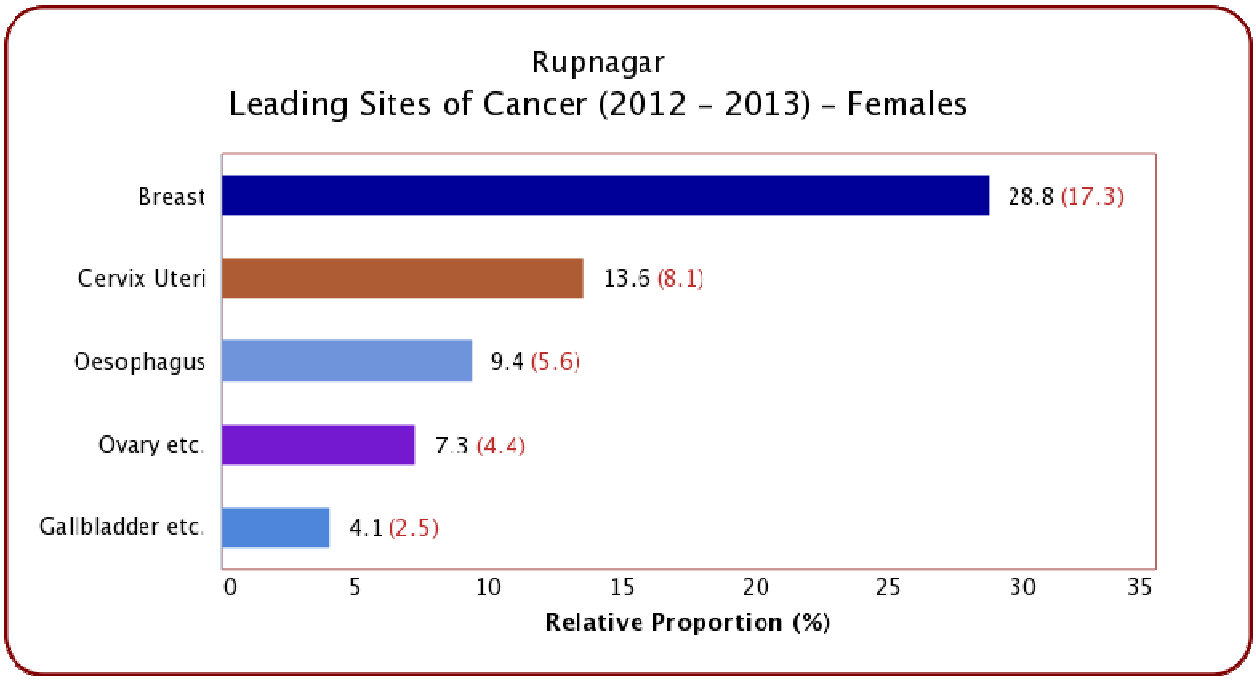
## Figure 3.7: Five Leading Sites of Cancer – (2012-2013)

*(Minimum Age Adjusted Incidence Rates given in parentheses)*

**Males**




**Females**



# Sangrur District

*(District Code: 316)*

## Table 3.8 (a): Centrewise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

| **Name of Centre** *(With Centre Code)* | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **#** | **%** | **#** | **%** | **#** | **%** |
| Government Medical College, Patiala *(03024)* | 611 | 59.0 | 810 | 68.2 | 1421 | 63.9 |
| Mohan Dai Oswal Multispeciality and Cancer Hospital, Ludhiana *(03027)* | 63 | 6.1 | - | - | 63 | 2.8 |
| Guru Gobind Singh Medical College, Faridkot *(03005)* | 27 | 2.6 | 33 | 2.8 | 60 | 2.7 |
| Grecian Super-Speciality Hospital , Mohali *(03070)* | 28 | 2.7 | 11 | 0.9 | 39 | 1.8 |
| Christian Medical College & Hospital, Ludhiana *(03002)* | 16 | 1.5 | 13 | 1.1 | 29 | 1.3 |
| Max Super Speciality Hospital, Bathinda *(03018)* | 8 | 0.8 | 19 | 1.6 | 27 | 1.2 |
| Indus Super Speciality Hospital, Mohali (03007) | 4 | 0.4 | 20 | 1.7 | 24 | 1.1 |
| Other Centres | 56 | 5.4 | 49 | 4.1 | 105 | 4.7 |
| **Other than Punjab Centres** | | | | | | |
| PGIMER, Chandigarh *(539)* | 114 | 11.0 | 131 | 11.0 | 245 | 11.0 |
| Acharya Tulsi Regional Cancer Treatment and Research Institute, Bikaner *(530)* | 74 | 7.1 | 74 | 6.2 | 148 | 6.7 |
| Govt. Medical College & Hospital, Chandigarh *(04001)* | 21 | 2.0 | 13 | 1.1 | 34 | 1.5 |
| Rajiv Gandhi Cancer Institute and Research Centre, New Delhi *(541)* | 13 | 1.3 | 12 | 1.0 | 25 | 1.1 |
| Other Centres | 1 | 0.1 | 3 | 0.3 | 4 | 0.2 |
| **Total Cases** | **1036** | **100.0** | **1188** | **100.0** | **2224** | **100.0** |

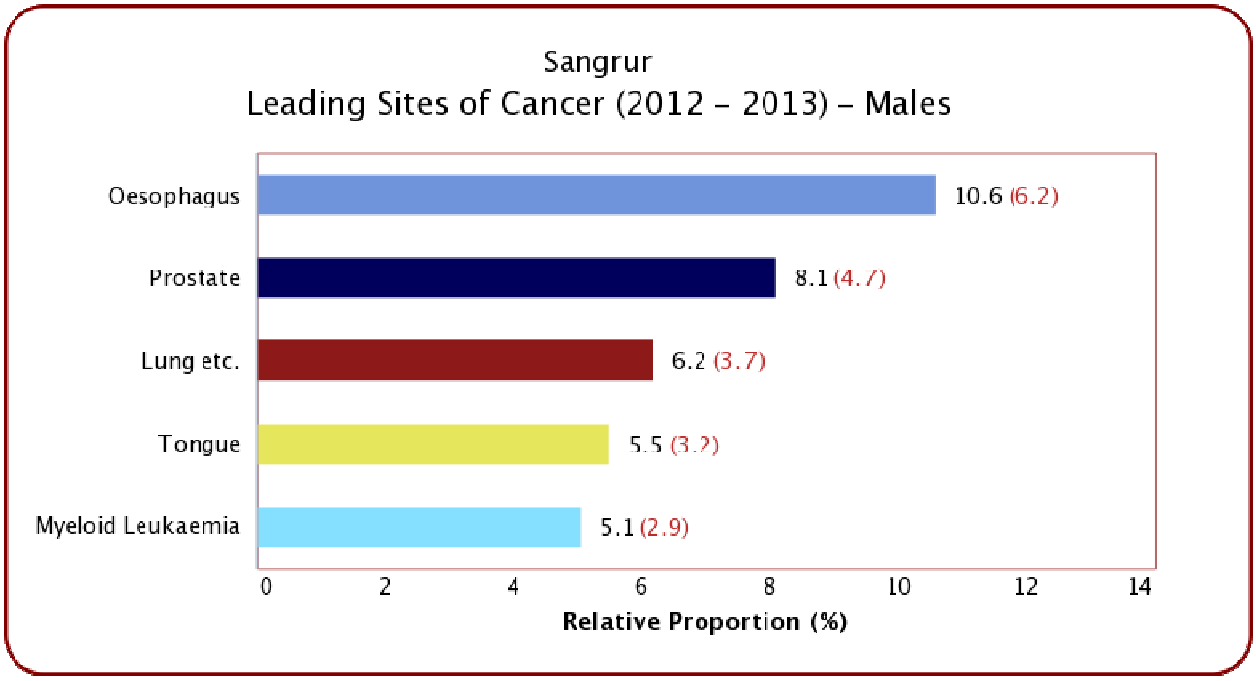
## Table 3.8 (b): Salient Features of Cancer Incidence (2012-2013)

| **Year** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **Males** | **Females** | **Males** | **Females** | **Males** | **Females** |
| Estimated Population | 890814 | 790257 | 900528 | 800244 | 1791342 | 1590501 |
| Total Cancers (All Sites) | 470 | 566 | 547 | 641 | 1017 | 1207 |
| Crude IR | 52.8 | 71.6 | 60.7 | 80.1 | 56.8 | 75.9 |
| Age Adjusted IR | 54.2 | 70.0 | 61.9 | 77.4 | 58.1 | 73.8 |
| Truncated IR | 101.0 | 168.9 | 120.4 | 180.4 | 110.8 | 174.7 |

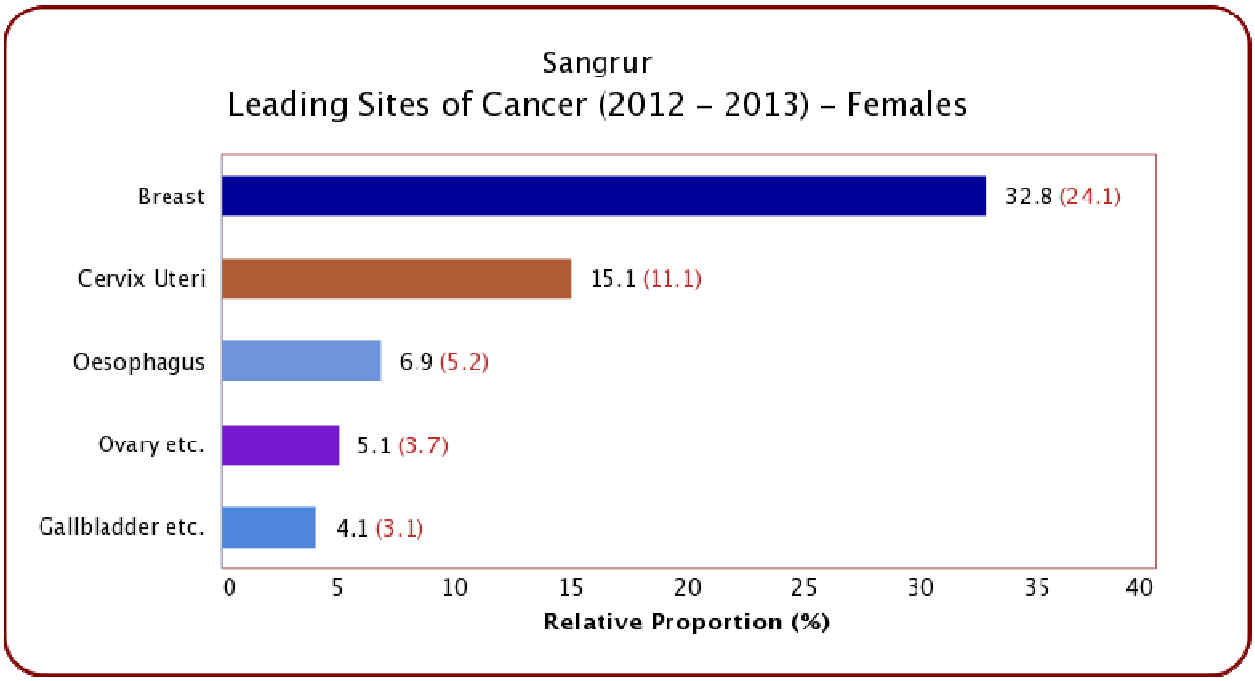
## Figure 3.8: Five Leading Sites of Cancer – (2012-2013)

*(Minimum Age Adjusted Incidence Rates given in parentheses)*

**Males**




**Females**



# Hoshiarpur District

*(District Code: 305)*

## Table 3.9 (a): Centrewise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

| **Name of Centre** *(With Centre Code)* | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **#** | **%** | **#** | **%** | **#** | **%** |
| Government Medical College, Patiala *(03024)* | 187 | 19.5 | 204 | 21.7 | 391 | 20.6 |
| Sardana Labs, Jalandhar *(03009)* | 192 | 20.0 | 168 | 17.9 | 360 | 19.0 |
| Patel Cancer and Superspeciality Hospital, Jalandhar *(03072)* | 167 | 17.4 | 192 | 20.4 | 359 | 18.9 |
| Grecian Super-Speciality Hospital , Mohali *(03070)* | 69 | 7.2 | 83 | 8.8 | 152 | 8.0 |
| Mohan Dai Oswal Multispeciality and Cancer Hospital, Ludhiana *(03027)* | 98 | 10.2 | 1 | 0.1 | 99 | 5.2 |
| Christian Medical College & Hospital, Ludhiana *(03002)* | 27 | 2.8 | 19 | 2.0 | 46 | 2.4 |
| Government Medical College, Amritsar *(03003)* | 10 | 1.0 | 12 | 1.3 | 22 | 1.2 |
| SGRD Institute of Medical Sciences & Research, Amritsar *(03014)* | 4 | 0.4 | 18 | 1.9 | 22 | 1.2 |
| Other Centres | 39 | 4.1 | 41 | 4.4 | 80 | 4.2 |
| **Other than Punjab Centres** | | | | | | |
| PGIMER, Chandigarh *(539)* | 125 | 13.0 | 161 | 17.1 | 286 | 15.1 |
| Govt. Medical College & Hospital, Chandigarh *(04001)* | 16 | 1.7 | 16 | 1.7 | 32 | 1.7 |
| Rajiv Gandhi Cancer Institute and Research Centre, New Delhi *(541)* | 11 | 1.1 | 13 | 1.4 | 24 | 1.3 |
| Acharya Tulsi Regional Cancer Treatment and Research Institute, Bikaner *(530)* | 10 | 1.0 | 11 | 1.2 | 21 | 1.1 |
| Other Centres | 3 | 0.3 | 2 | 0.2 | 5 | 0.3 |
| **Total Cases** | **958** | **100.0** | **941** | **100.0** | **1899** | **100.0** |

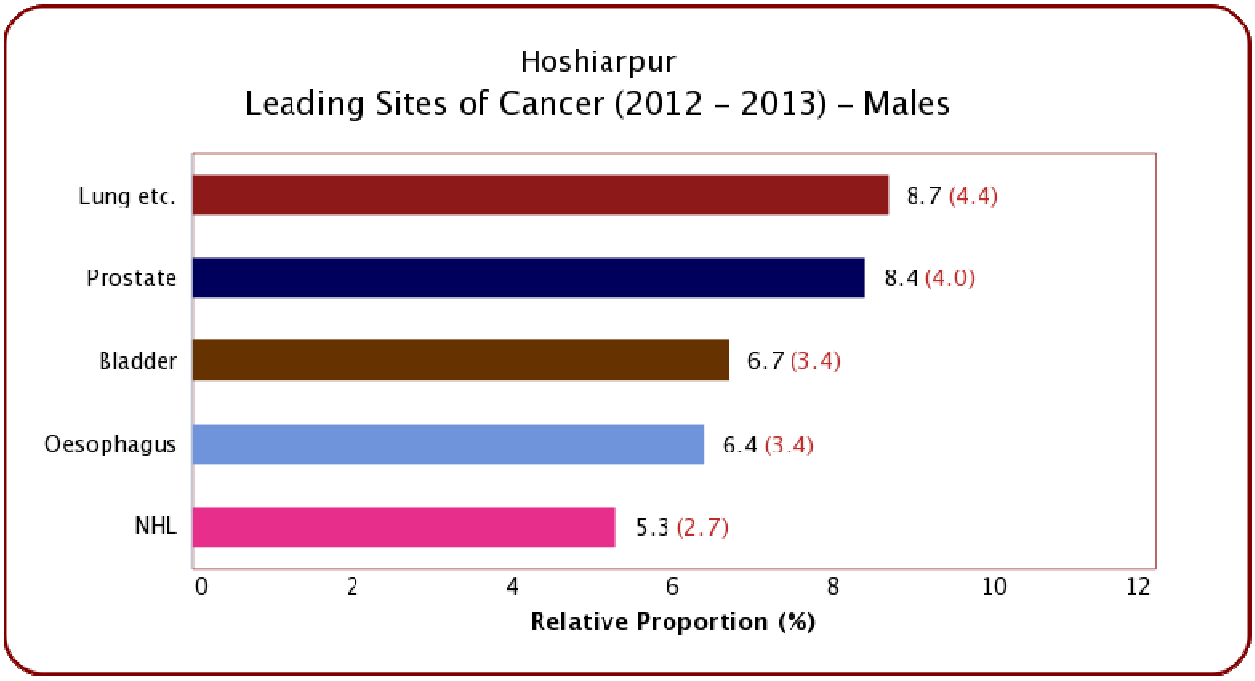
## Table 3.9 (b): Salient Features of Cancer Incidence (2012-2013)

| **Year** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **Males** | **Females** | **Males** | **Females** | **Males** | **Females** |
| Estimated Population | 815100 | 786225 | 819665 | 792784 | 1634765 | 1579009 |
| Total Cancers (All Sites) | 412 | 546 | 457 | 484 | 869 | 1030 |
| Crude IR | 50.5 | 69.4 | 55.8 | 61.1 | 53.2 | 65.2 |
| Age Adjusted IR | 48.9 | 64.8 | 53.5 | 57.3 | 51.2 | 61.0 |
| Truncated IR | 87.2 | 146.2 | 90.4 | 115.0 | 88.8 | 130.4 |

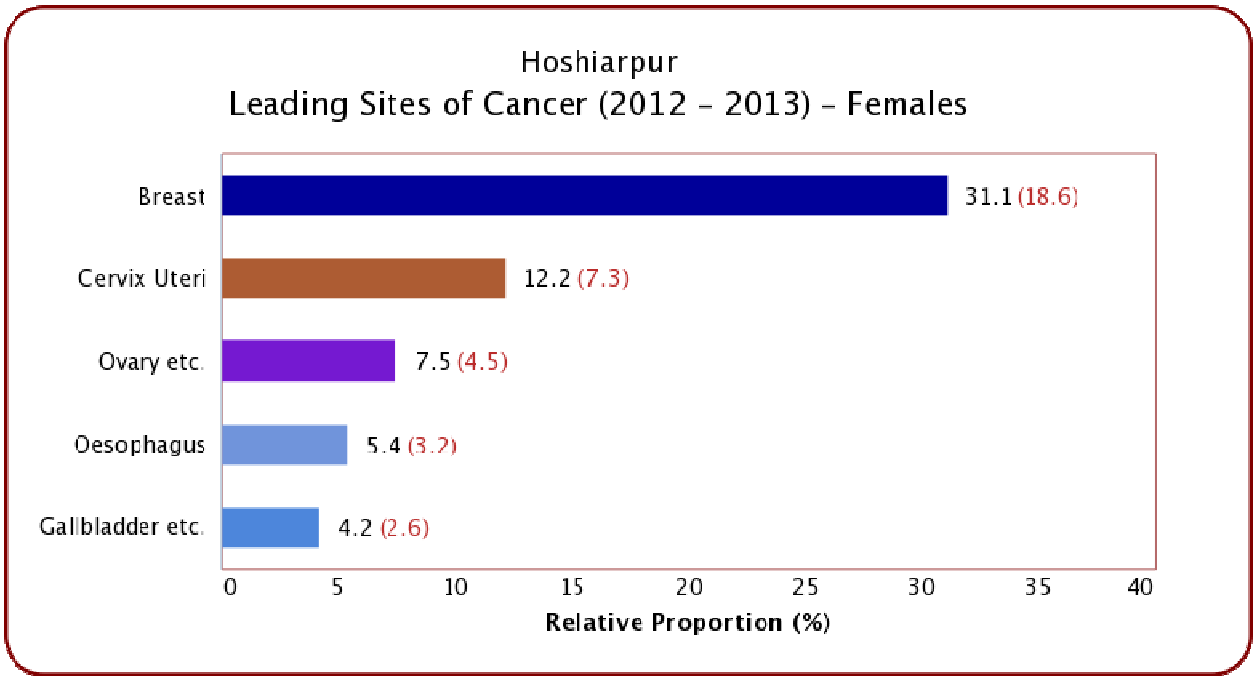
## Figure 3.9: Five Leading Sites of Cancer – (2012-2013)

*(Minimum Age Adjusted Incidence Rates given in parentheses)*

**Males**




**Females**



# Muktsar District

*(District Code: 312)*

## Table 3.10 (a): Centrewise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

| **Name of Centre** *(With Centre Code)* | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **#** | **%** | **#** | **%** | **#** | **%** |
| Guru Gobind Singh Medical College, Faridkot *(03005)* | 136 | 24.1 | 176 | 27.6 | 312 | 26.0 |
| Government Medical College, Patiala *(03024)* | 135 | 23.9 | 97 | 15.2 | 232 | 19.3 |
| Max Super Speciality Hospital, Bathinda *(03018)* | 28 | 5.0 | 102 | 16.0 | 130 | 10.8 |
| Dr. Monika's Lab, Bathinda *(03019)* | 42 | 7.4 | 29 | 4.6 | 71 | 5.9 |
| Adesh Institute of Medical Sciences and Research, Bathinda *(03001)* | 47 | 8.3 | 21 | 3.3 | 68 | 5.7 |
| Mittal Labs & Hormone Centre, Bathinda *(03010)* | 31 | 5.5 | 37 | 5.8 | 68 | 5.7 |
| Dr Sheena's Path Lab, Bathinda *(03015)* | 17 | 3.0 | 19 | 3.0 | 36 | 3.0 |
| Kanwal Lab & Diagnostic Centre, Bathinda *(03016)* | 7 | 1.2 | 11 | 1.7 | 18 | 1.5 |
| Mohan Dai Oswal Multispeciality and Cancer Hospital, Ludhiana *(03027)* | 6 | 1.1 | 6 | 0.9 | 12 | 1.0 |
| Other Centres | 18 | 3.2 | 16 | 2.5 | 34 | 2.8 |
| **Other than Punjab Centres** | | | | | | |
| Acharya Tulsi Regional Cancer Treatment and Research Institute, Bikaner *(530)* | 66 | 11.7 | 81 | 12.7 | 147 | 12.2 |
| PGIMER, Chandigarh *(539)* | 24 | 4.3 | 27 | 4.2 | 51 | 4.2 |
| Rajiv Gandhi Cancer Institute and Research Centre, New Delhi *(541)* | 6 | 1.1 | 10 | 1.6 | 16 | 1.3 |
| Other Centres | 1 | 0.2 | 5 | 0.8 | 6 | 0.5 |
| **Total Cases** | **564** | **100.0** | **637** | **100.0** | **1201** | **100.0** |

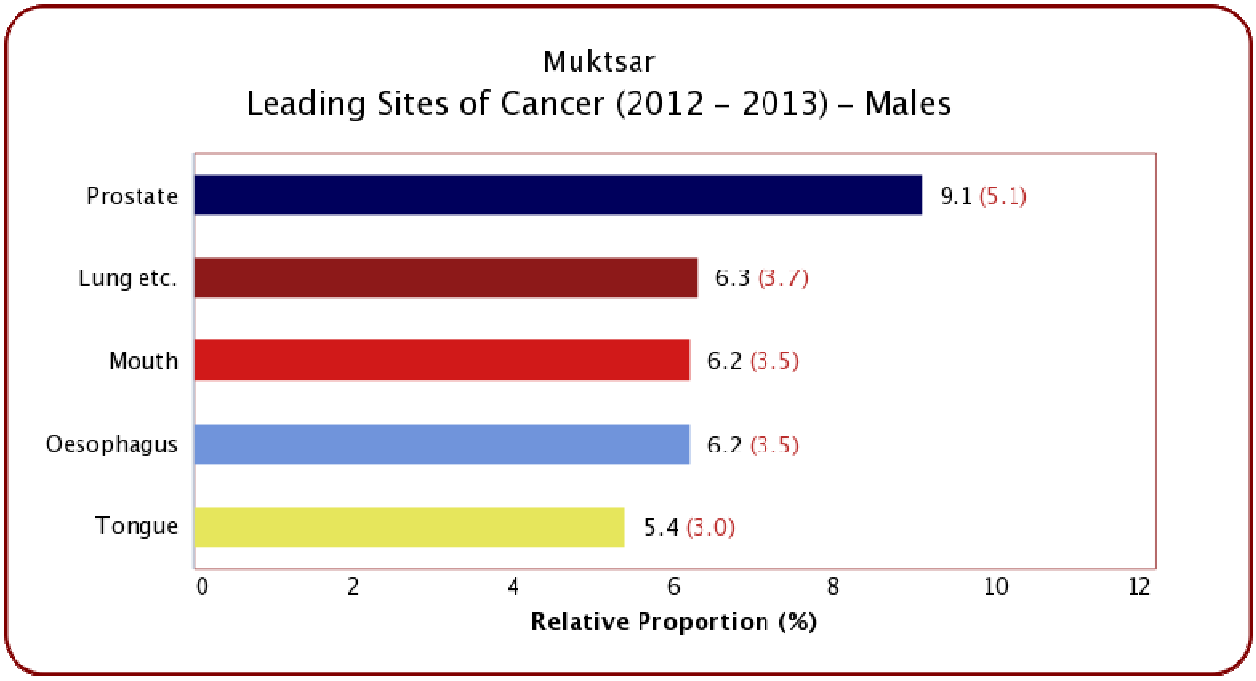
## Table 3.10 (b): Salient Features of Cancer Incidence (2012-2013)

| **Year** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **Males** | **Females** | **Males** | **Females** | **Males** | **Females** |
| Estimated Population | 484939 | 434981 | 492046 | 441632 | 976985 | 876613 |
| Total Cancers (All Sites) | 205 | 359 | 299 | 338 | 504 | 697 |
| Crude IR | 42.3 | 82.5 | 60.8 | 76.5 | 51.6 | 79.5 |
| Age Adjusted IR | 45.3 | 80.5 | 65.3 | 75.8 | 55.4 | 78.1 |
| Truncated IR | 89.0 | 180.6 | 114.9 | 165.2 | 102.1 | 172.8 |

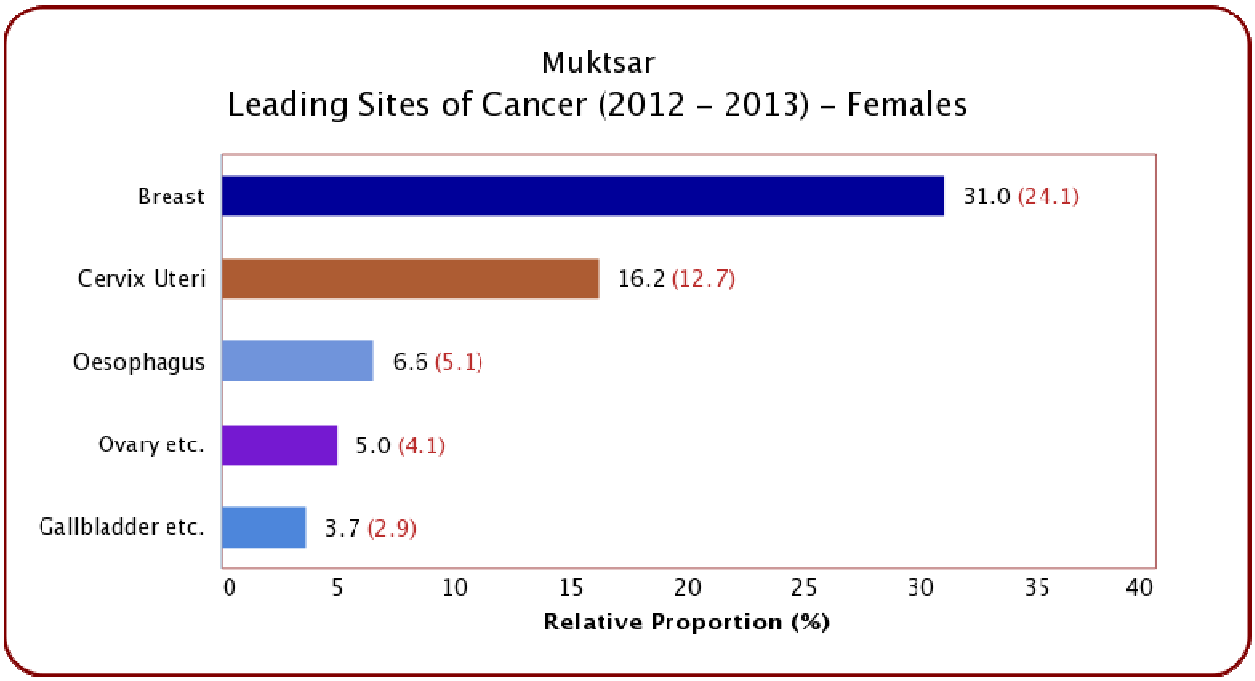
## Figure 3.10: Five Leading Sites of Cancer – (2012-2013)

*(Minimum Age Adjusted Incidence Rates given in parentheses)*

**Males**




**Females**



# Kapurthala District

*(District Code: 303)*

## Table 3.11 (a): Centrewise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

| **Name of Centre** *(With Centre Code)* | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **#** | **%** | **#** | **%** | **#** | **%** |
| Patel Cancer and Superspeciality Hospital, Jalandhar *(03072)* | 128 | 25.6 | 137 | 28.1 | 265 | 26.8 |
| Sardana Labs, Jalandhar *(03009)* | 147 | 29.4 | 101 | 20.7 | 248 | 25.1 |
| Government Medical College, Patiala *(03024)* | 69 | 13.8 | 99 | 20.3 | 168 | 17.0 |
| Mohan Dai Oswal Multispeciality and Cancer Hospital, Ludhiana *(03027)* | 49 | 9.8 | 47 | 9.7 | 96 | 9.7 |
| Government Medical College, Amritsar *(03003)* | 15 | 3.0 | 6 | 1.2 | 21 | 2.1 |
| SGRD Institute of Medical Sciences & Research, Amritsar *(03014)* | 3 | 0.6 | 15 | 3.1 | 18 | 1.8 |
| Christian Medical College & Hospital, Ludhiana *(03002)* | 6 | 1.2 | 10 | 2.1 | 16 | 1.6 |
| Guru Gobind Singh Medical College, Faridkot *(03005)* | 5 | 1.0 | 5 | 1.0 | 10 | 1.0 |
| Grecian Super-Speciality Hospital , Mohali *(03070)* | 7 | 1.4 | 3 | 0.6 | 10 | 1.0 |
| Punjab Institute of Medical Sciences, Jalandhar *(03086)* | 6 | 1.2 | 4 | 0.8 | 10 | 1.0 |
| Other Centres | 16 | 3.2 | 6 | 1.2 | 22 | 2.2 |
| **Other than Punjab Centres** | | | | | | |
| PGIMER, Chandigarh *(539)* | 28 | 5.6 | 34 | 7.0 | 62 | 6.3 |
| Acharya Tulsi Regional Cancer Treatment and Research Institute, Bikaner *(530)* | 10 | 2.0 | 9 | 1.8 | 19 | 1.9 |
| Rajiv Gandhi Cancer Institute and Research Centre, New Delhi *(541)* | 8 | 1.6 | 6 | 1.2 | 14 | 1.4 |
| Other Centres | 3 | 0.6 | 5 | 1.0 | 8 | 0.8 |
| **Total Cases** | **500** | **100.0** | **487** | **100.0** | **987** | **100.0** |

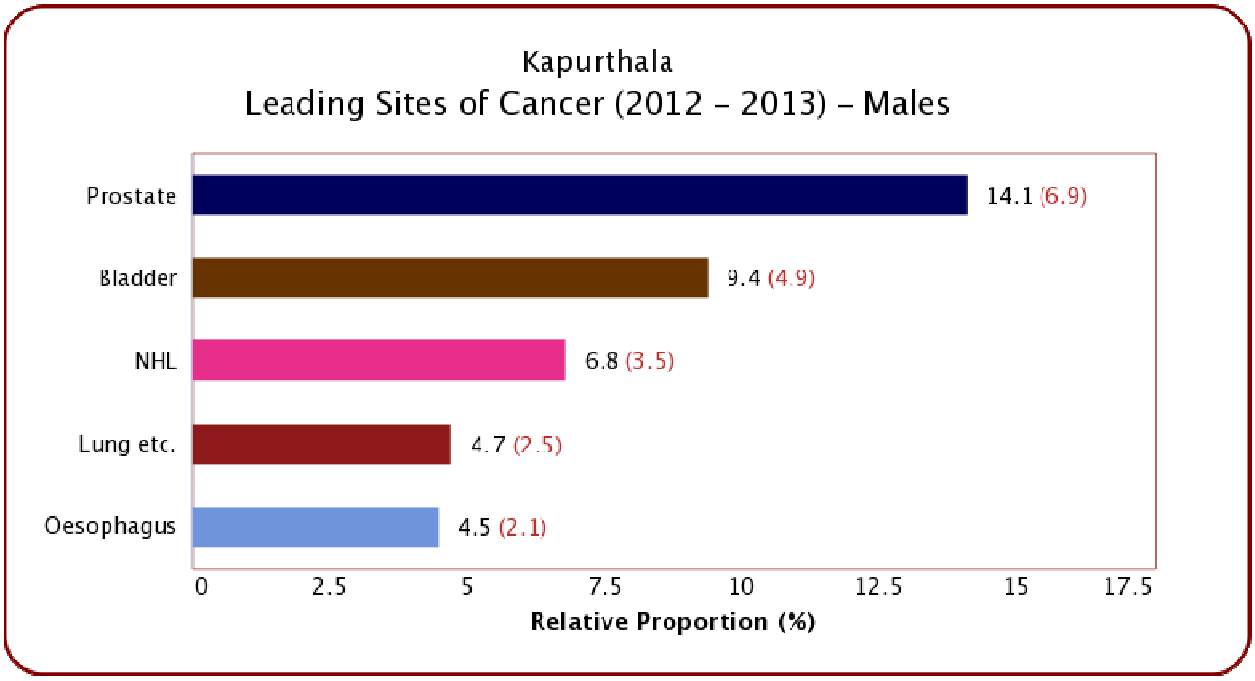
## Table 3.11 (b): Salient Features of Cancer Incidence (2012-2013)

| **Year** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **Males** | **Females** | **Males** | **Females** | **Males** | **Females** |
| Estimated Population | 430002 | 393625 | 432791 | 397238 | 862793 | 790863 |
| Total Cancers (All Sites) | 219 | 281 | 207 | 280 | 426 | 561 |
| Crude IR | 50.9 | 71.4 | 47.8 | 70.5 | 49.4 | 70.9 |
| Age Adjusted IR | 51.7 | 67.3 | 47.8 | 65.0 | 49.8 | 66.2 |
| Truncated IR | 83.0 | 145.4 | 94.6 | 161.5 | 88.8 | 153.6 |

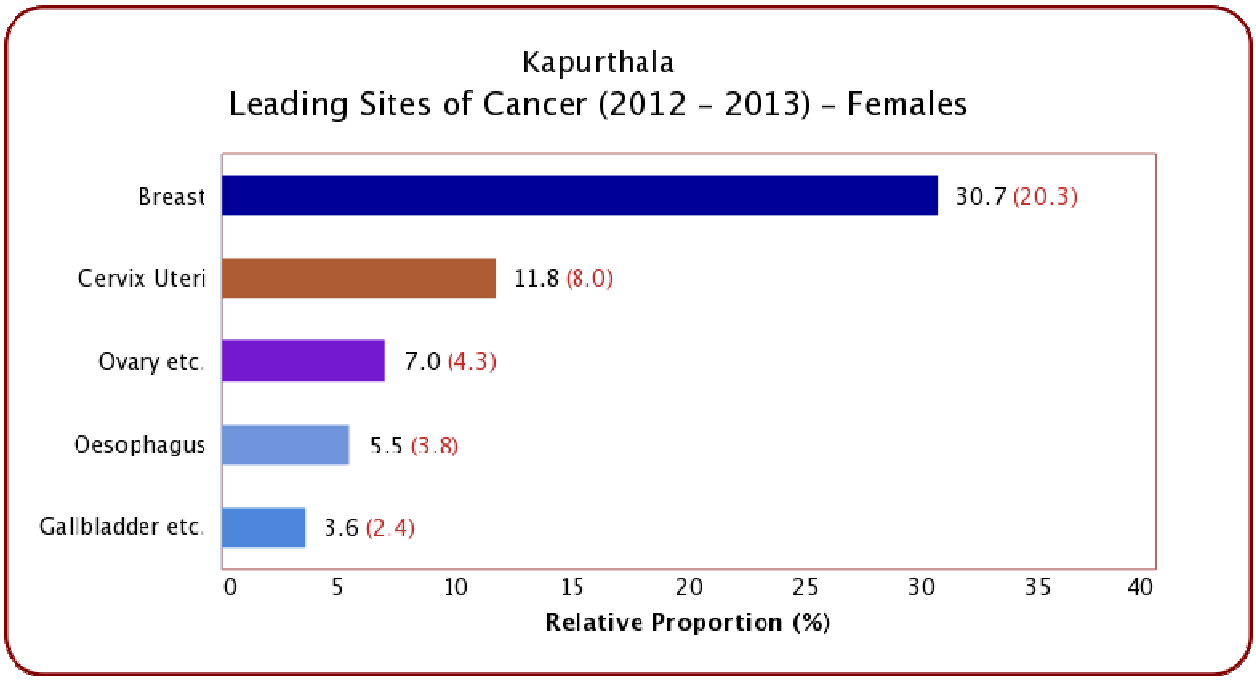
## Figure 3.11: Five Leading Sites of Cancer – (2012-2013)

*(Minimum Age Adjusted Incidence Rates given in parentheses)*

**Males**




**Females**



# Fatehgarh Sahib District

*(District Code: 308)*

## Table 3.12 (a): Centrewise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

| **Name of Centre** *(With Centre Code)* | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **#** | **%** | **#** | **%** | **#** | **%** |
| Government Medical College, Patiala *(03024)* | 109 | 33.2 | 140 | 38.9 | 249 | 36.2 |
| Grecian Super-Speciality Hospital , Mohali *(03070)* | 14 | 4.3 | 29 | 8.1 | 43 | 6.3 |
| Mohan Dai Oswal Multispeciality and Cancer Hospital, Ludhiana *(03027)* | 33 | 10.1 | - | - | 33 | 4.8 |
| Behgal Hospital, S.A.S. Nagar *(03084)* | 9 | 2.7 | 14 | 3.9 | 23 | 3.3 |
| Max Super Speciality Hospital, Mohali *(03021)* | 6 | 1.8 | 14 | 3.9 | 20 | 2.9 |
| IVY Hospital, Mohali *(03030)* | 9 | 2.7 | 3 | 0.8 | 12 | 1.7 |
| Fortis Hospital, Mohali *(03079)* | 7 | 2.1 | 5 | 1.4 | 12 | 1.7 |
| Indus Super Speciality Hospital, Mohali *(03007)* | 2 | 0.6 | 6 | 1.7 | 8 | 1.2 |
| Other Centres | 9 | 2.7 | 6 | 1.7 | 15 | 2.2 |
| **Other than Punjab Centres** | | | | | | |
| PGIMER, Chandigarh *(539)* | 89 | 27.1 | 91 | 25.3 | 180 | 26.2 |
| Govt. Medical College & Hospital, Chandigarh *(04001)* | 33 | 10.1 | 39 | 10.8 | 72 | 10.5 |
| Rajiv Gandhi Cancer Institute and Research Centre, New Delhi *(541)* | 5 | 1.5 | 7 | 1.9 | 12 | 1.7 |
| Acharya Tulsi Regional Cancer Treatment and Research Institute, Bikaner *(530)* | 3 | 0.9 | 5 | 1.4 | 8 | 1.2 |
| Medanta Cancer Centre, Gurgaon *(505)* | - | - | 1 | 0.3 | 1 | 0.1 |
| **Total Cases** | **328** | **100.0** | **360** | **100.0** | **688** | **100.0** |

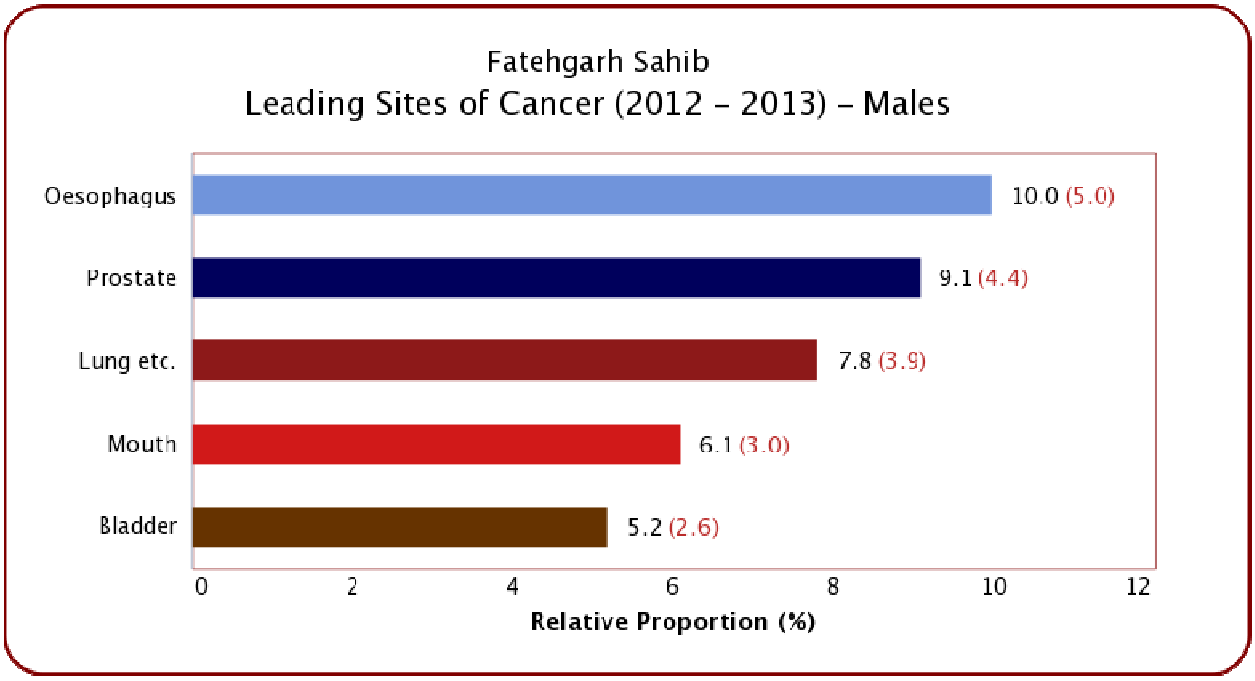
## Table 3.12 (b): Salient Features of Cancer Incidence (2012-2013)

| **Year** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **Males** | **Females** | **Males** | **Females** | **Males** | **Females** |
| Estimated Population | 325121 | 283855 | 328402 | 287264 | 653523 | 571119 |
| Total Cancers (All Sites) | 130 | 198 | 179 | 181 | 309 | 379 |
| Crude IR | 40.0 | 69.8 | 54.5 | 63.0 | 47.3 | 66.4 |
| Age Adjusted IR | 41.9 | 67.7 | 56.5 | 60.4 | 49.3 | 64.0 |
| Truncated IR | 87.5 | 167.4 | 85.6 | 149.3 | 86.5 | 158.2 |

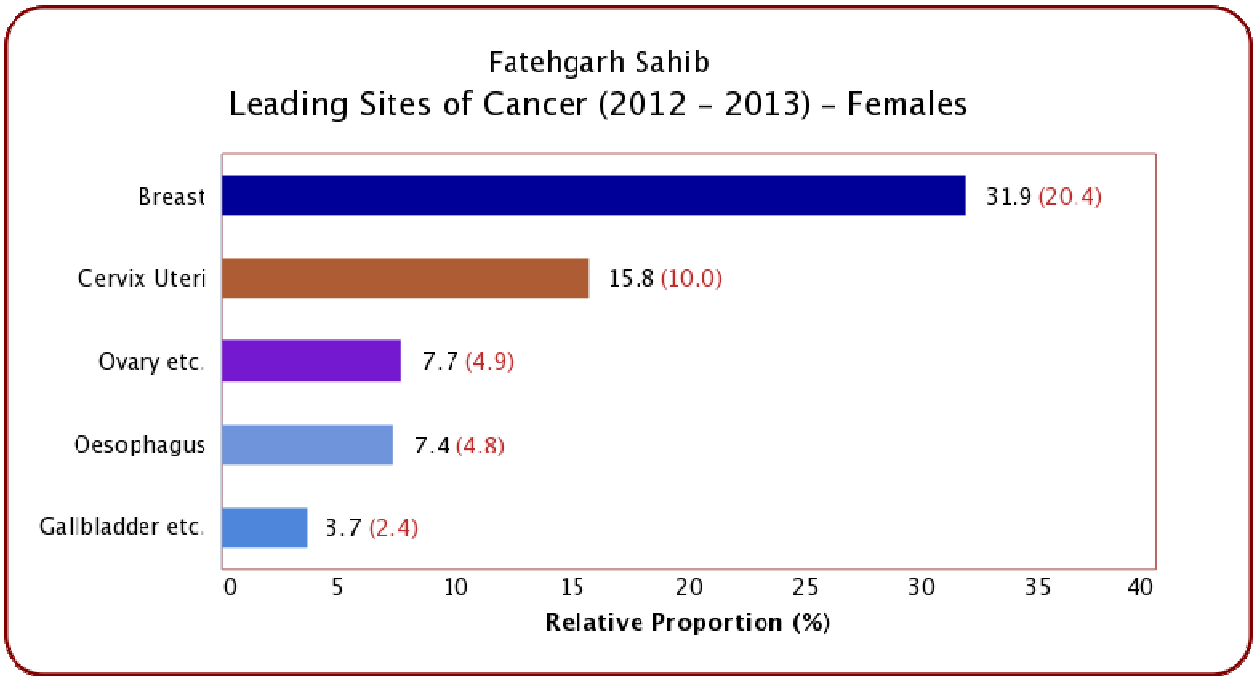
## Figure 3.12: Five Leading Sites of Cancer – (2012-2013)

*(Minimum Age Adjusted Incidence Rates given in parentheses)*

**Males**




**Females**



# Moga District

*(District Code: 310)*

## Table 3.13 (a): Centrewise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

| **Name of Centre** *(With Centre Code)* | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **#** | **%** | **#** | **%** | **#** | **%** |
| Guru Gobind Singh Medical College, Faridkot *(03005)* | 187 | 35.0 | 228 | 38.9 | 415 | 37.0 |
| Government Medical College, Patiala *(03024)* | 119 | 22.2 | 112 | 19.1 | 231 | 20.6 |
| Mohan Dai Oswal Multispeciality and Cancer Hospital, Ludhiana *(03027)* | 37 | 6.9 | 42 | 7.2 | 79 | 7.0 |
| Office of Civil Surgeon, Moga *(03026)* | 37 | 6.9 | 33 | 5.6 | 70 | 6.2 |
| Grecian Super-Speciality Hospital , Mohali *(03070)* | 22 | 4.1 | 33 | 5.6 | 55 | 4.9 |
| Christian Medical College & Hospital, Ludhiana *(03002)* | 7 | 1.3 | 17 | 2.9 | 24 | 2.1 |
| Dr. Monika's Lab, Bathinda *(03019)* | 11 | 2.1 | 6 | 1.0 | 17 | 1.5 |
| Max Super Speciality Hospital, Bathinda *(03018)* | 7 | 1.3 | 9 | 1.5 | 16 | 1.4 |
| Ashok Clinical Lab, Patiala *(03004)* | 11 | 2.1 | 5 | 0.9 | 16 | 1.4 |
| Patel Cancer and Superspeciality Hospital, Jalandhar *(03072)* | 7 | 1.3 | 8 | 1.4 | 15 | 1.3 |
| Other Centres | 28 | 5.2 | 25 | 4.3 | 53 | 4.7 |
| **Other than Punjab Centres** | | | | | | |
| PGIMER, Chandigarh *(539)* | 25 | 4.7 | 37 | 6.3 | 62 | 5.5 |
| Acharya Tulsi Regional Cancer Treatment and Research Institute, Bikaner *(530)* | 29 | 5.4 | 24 | 4.1 | 53 | 4.7 |
| Other Centres | 8 | 1.5 | 7 | 1.2 | 15 | 1.3 |
| **Total Cases** | **535** | **100.0** | **586** | **100.0** | **1121** | **100.0** |

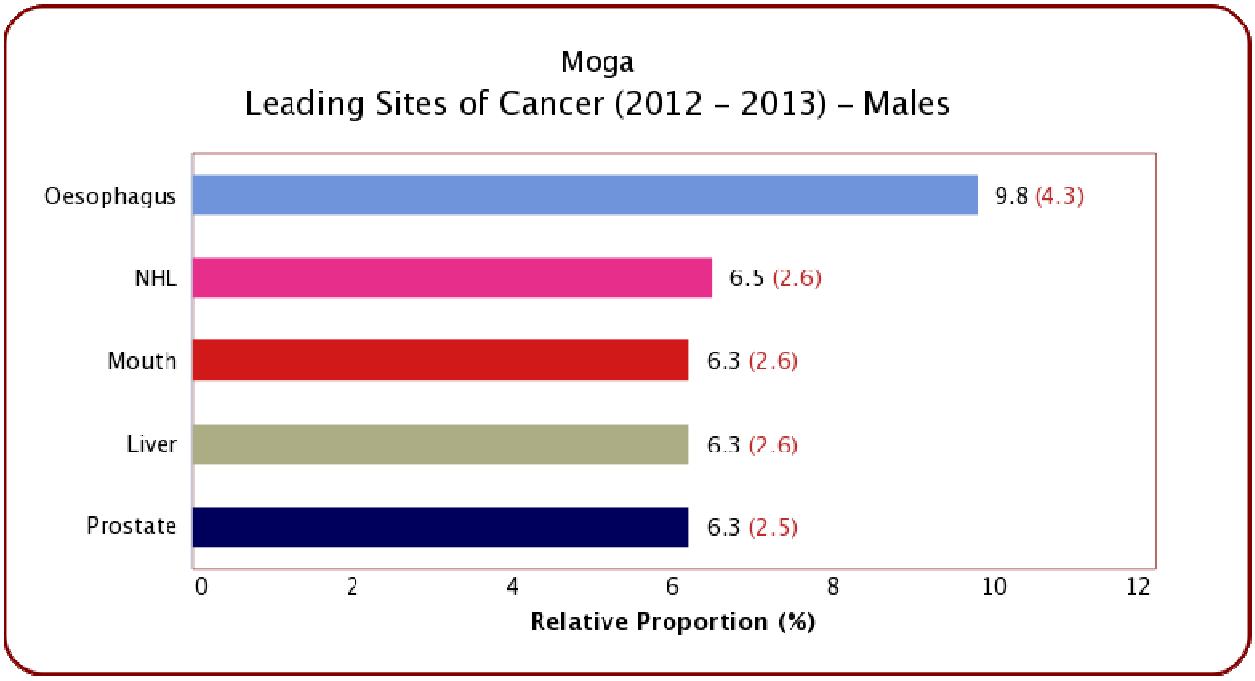
## Table 3.13 (b): Salient Features of Cancer Incidence (2012-2013)

| **Year** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **Males** | **Females** | **Males** | **Females** | **Males** | **Females** |
| Estimated Population | 533239 | 476792 | 538792 | 482086 | 1072031 | 958878 |
| Total Cancers (All Sites) | 203 | 332 | 245 | 341 | 448 | 673 |
| Crude IR | 38.1 | 69.6 | 45.5 | 70.7 | 41.8 | 70.2 |
| Age Adjusted IR | 38.5 | 67.4 | 44.4 | 67.5 | 41.5 | 67.4 |
| Truncated IR | 76.9 | 165.6 | 77.1 | 154.1 | 77.0 | 159.7 |

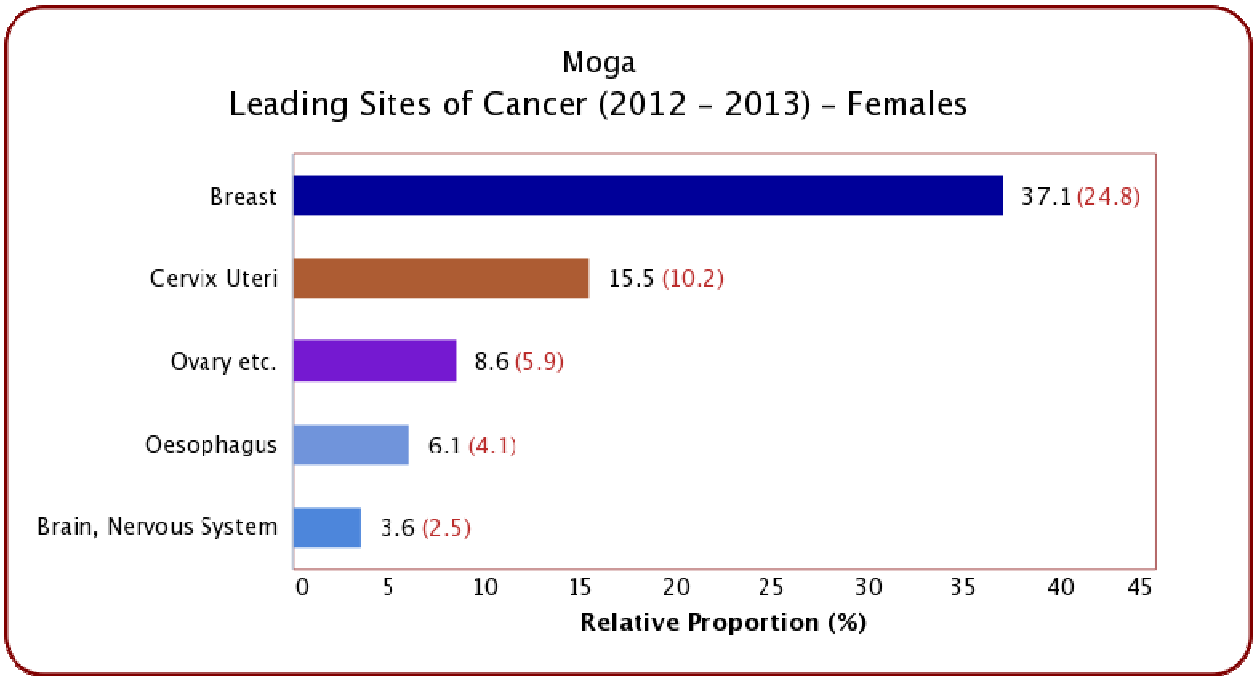
## Figure 3.13: Five Leading Sites of Cancer – (2012-2013)

*(Minimum Age Adjusted Incidence Rates given in parentheses)*

**Males**




**Females**



# Amritsar District

*(District Code: 302)*

## Table 3.14 (a): Centrewise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

| **Name of Centre** *(With Centre Code)* | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **#** | **%** | **#** | **%** | **#** | **%** |
| Government Medical College, Patiala *(03024)* | 325 | 33.7 | 669 | 38.5 | 994 | 36.8 |
| Government Medical College, Amritsar *(03003)* | 303 | 31.4 | 605 | 34.8 | 908 | 33.6 |
| SGRD Institute of Medical Sciences & Research, Amritsar *(03014)* | 25 | 2.6 | 168 | 9.7 | 193 | 7.1 |
| Grecian Super-Speciality Hospital , Mohali *(03070)* | 54 | 5.6 | 63 | 3.6 | 117 | 4.3 |
| Mohan Dai Oswal Multispeciality and Cancer Hospital, Ludhiana *(03027)* | 34 | 3.5 | 39 | 2.2 | 73 | 2.7 |
| Christian Medical College & Hospital, Ludhiana *(03002)* | 32 | 3.3 | 19 | 1.1 | 51 | 1.9 |
| Patel Cancer and Superspeciality Hospital, Jalandhar *(03072)* | 24 | 2.5 | 21 | 1.2 | 45 | 1.7 |
| Guru Gobind Singh Medical College, Faridkot *(03005)* | 24 | 2.5 | 19 | 1.1 | 43 | 1.6 |
| Other Centres | 21 | 2.2 | 26 | 1.5 | 47 | 1.7 |
| **Other than Punjab Centres** | | | | | | |
| Rajiv Gandhi Cancer Institute and Research Centre, New Delhi *(541)* | 61 | 6.3 | 46 | 2.6 | 107 | 4.0 |
| PGIMER, Chandigarh *(539)* | 40 | 4.1 | 43 | 2.5 | 83 | 3.1 |
| Other Centres | 21 | 2.2 | 21 | 1.2 | 42 | 1.6 |
| **Total Cases** | **964** | **100.0** | **1739** | **100.0** | **2703** | **100.0** |

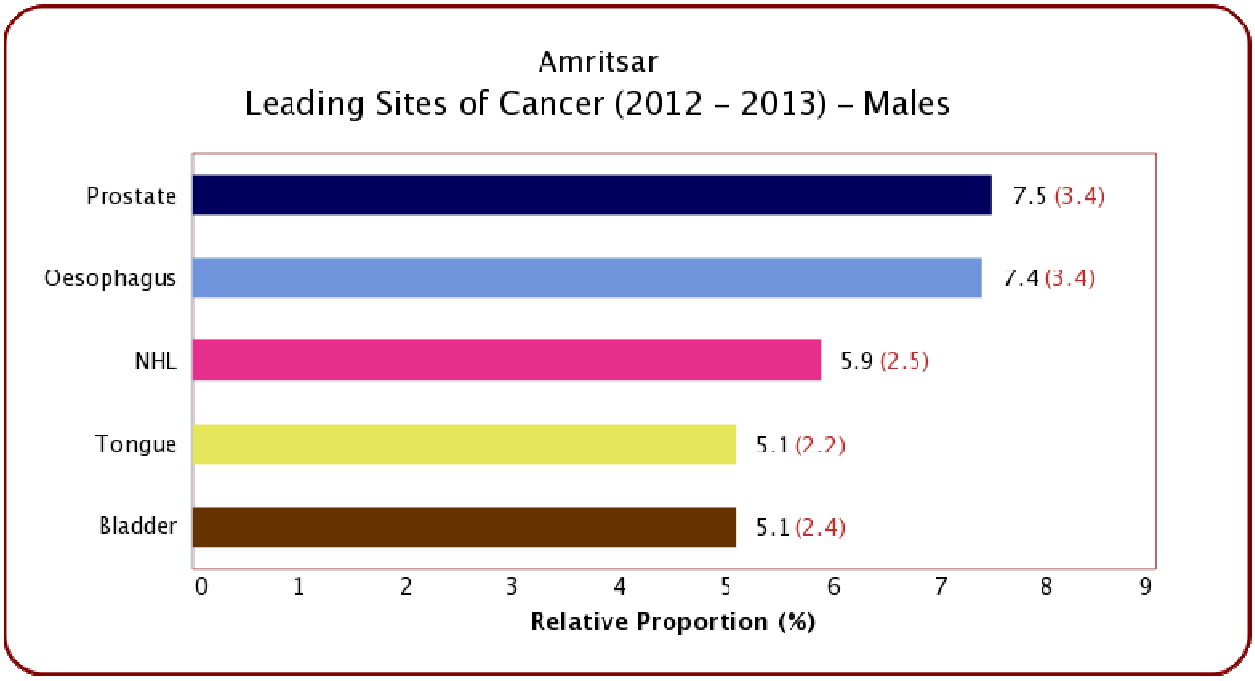
## Table 3.14 (b): Salient Features of Cancer Incidence (2012-2013)

| **Year** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **Males** | **Females** | **Males** | **Females** | **Males** | **Females** |
| Estimated Population | 1342216 | 1196682 | 1360349 | 1215347 | 2702565 | 2412029 |
| Total Cancers (All Sites) | 394 | 570 | 703 | 1036 | 1097 | 1606 |
| Crude IR | 29.4 | 47.6 | 51.7 | 85.2 | 40.6 | 66.6 |
| Age Adjusted IR | 31.9 | 48.2 | 55.9 | 84.8 | 44.0 | 66.8 |
| Truncated IR | 59.1 | 111.4 | 101.3 | 192.4 | 80.5 | 152.6 |

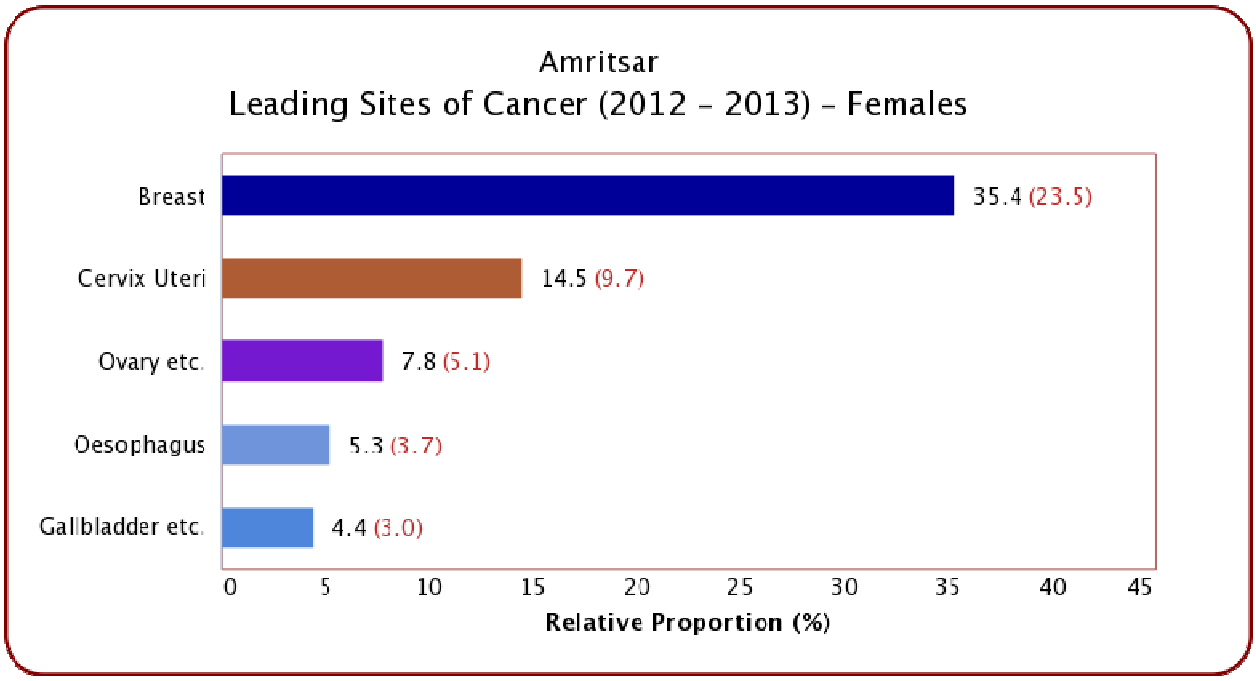
## Figure 3.14: Five Leading Sites of Cancer – (2012-2013)

*(Minimum Age Adjusted Incidence Rates given in parentheses)*

**Males**




**Females**



## Table 4: Centre wise Distribution of Cancers

**Punjab State**

| Sl No | Name of the Institution | Expected Cases | 2012 | | 2013 | |
|---|---|---|---|---|---|---|
| | | | # | % | # | % |
| 1 | Guru Gobind Singh Medical College , Faridkot | 316 | 1485 | 469.9 | 1921 | 607.9 |
| 2 | Mohan Dai Oswal Multispeciality and Cancer Hospital , Ludhiana | 1272 | 1800 | 141.5 | 641 | 50.4 |
| 3 | Sardana Labs , Jalandhar | 3000 | 1242 | 41.4 | 1116 | 37.2 |
| 4 | Grecian Super-Speciality Hospital, Mohali | 628 | 997 | 158.8 | 1174 | 186.9 |
| 5 | Dayanand Medical College & Hospital , Ludhiana | 1828 | 1271 | 69.5 | 897 | 49.1 |
| 6 | Patel Cancer and Superspeciality Hospital , Jalandhar | 696 | 926 | 133.0 | 1046 | 150.3 |
| 7 | Dr. Monika's Lab , Bathinda | 2000 | 719 | 36.0 | 673 | 33.7 |
| 8 | Christian Medical College & Hospital , Ludhiana | 850 | 617 | 72.6 | 561 | 66.0 |
| 9 | Government Medical College , Amritsar | 375 | 461 | 122.9 | 709 | 189.1 |
| 10 | Indus Super Speciality Hospital , Mohali | 364 | 479 | 131.6 | 417 | 114.6 |
| 11 | Fortis Hospital, Mohali | - | 378 | - | 474 | - |
| 12 | Max Super Speciality Hospital, Mohali | - | 344 | - | 472 | - |
| 13 | Max Super Speciality Hospital, Bathinda | - | 297 | - | 441 | - |
| 14 | SGRD Institute of Medical Sciences & Research , Amritsar | 575 | 165 | 28.7 | 482 | 83.8 |
| 15 | IVY Hospital, Mohali | 285 | 366 | 128.4 | 215 | 75.4 |
| 16 | Behgal Hospital , S.A.S. Nagar | 416 | 295 | 70.9 | 285 | 68.5 |
| 17 | Mittal Labs & Hormone Centre , Bathinda | 233 | 186 | 79.8 | 161 | 69.1 |
| 18 | Ashok Clinical Laboratory, Patiala | 692 | 138 | 19.9 | 114 | 16.5 |
| 19 | Adesh Institute of Medical Sciences and Research , Bathinda | 276 | 125 | 45.3 | 83 | 30.1 |
| 20 | Punjab Institute of Medical Sciences, Jalandhar | 190 | 127 | 66.8 | 76 | 40.0 |
| 21 | Dr Sheena's Path Lab , Bathinda | 431 | 94 | 21.8 | 84 | 19.5 |
| 22 | Kanwal Lab & Diagnostic Centre, Bathinda | 122 | 53 | 43.4 | 47 | 38.5 |
| 23 | Gian Sagar Medical College & Hospital, Ram Nagar, Banur | 128 | 32 | 25.0 | 60 | 46.9 |

**Other than Punjab State**

| Sl No | Name of the Institution | Expected Cases | 2012 | | 2013 | |
|---|---|---|---|---|---|---|
| | | | # | % | # | % |
| 1 | PGIMER, Chandigarh | - | 1929 | - | 2046 | - |
| 2 | Govt. Medical College & Hospital , Chandigarh | 11903 | 448 | 3.8 | 450 | 3.8 |
| 3 | Acharya Tulsi Regional Cancer Treatment and Research Institute, Bikaner | - | 580 | - | 743 | - |
| 4 | Dr. B.R. Ambedkar Institute Rotary Cancer Hospital, New Delhi | - | 60 | - | - | - |
| 5 | Rajiv Gandhi Cancer Institute and Research Centre, New Delhi | - | 378 | - | 321 | - |
| 6 | Medanta Cancer Centre, Gurgaon | - | 18 | - | 63 | - |

# Guru Gobind Singh Medical College, Faridkot

*(Centre Code: 03005)*

## Table 4.1 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 555 | 930 | 1485 |
| **2013** | 767 | 1154 | 1921 |
| **2012-2013** | **1322** | **2084** | **3406** |

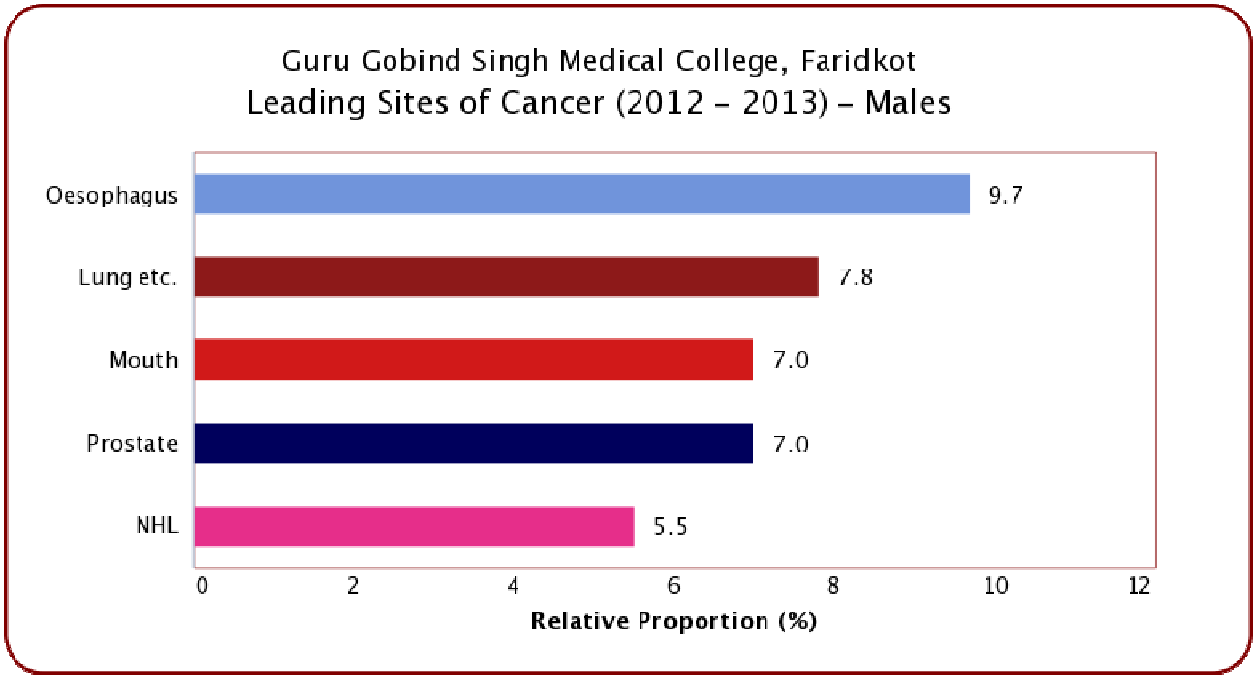
## Table 4.1 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

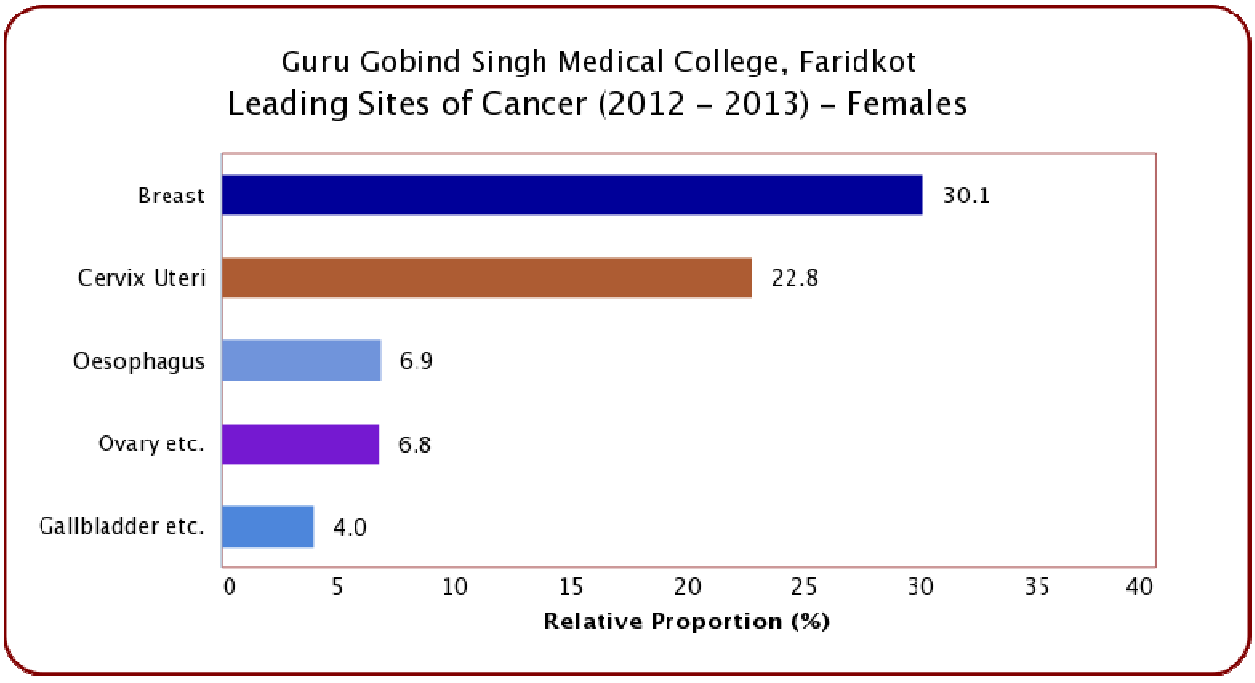
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Firozpur *(311)* | 323 | 21.8 | 389 | 20.2 | 712 | 20.9 |
| Bathinda *(314)* | 251 | 16.9 | 360 | 18.7 | 611 | 17.9 |
| Faridkot *(313)* | 238 | 16.0 | 285 | 14.8 | 523 | 15.4 |
| Moga *(310)* | 203 | 13.7 | 243 | 12.6 | 446 | 13.1 |
| Muktsar *(312)* | 164 | 11.0 | 203 | 10.6 | 367 | 10.8 |
| Mansa *(315)* | 87 | 5.9 | 141 | 7.3 | 228 | 6.7 |
| Ludhiana *(309)* | 45 | 3.0 | 56 | 2.9 | 101 | 3.0 |
| Barnala *(320)* | 44 | 3.0 | 53 | 2.8 | 97 | 2.8 |
| Sangrur *(316)* | 29 | 2.0 | 35 | 1.8 | 64 | 1.9 |
| Amritsar *(302)* | 26 | 1.8 | 22 | 1.1 | 48 | 1.4 |
| Jalandhar *(304)* | 10 | 0.7 | 23 | 1.2 | 33 | 1.0 |
| Other Districts | 30 | 2.0 | 44 | 2.3 | 74 | 2.2 |
| Cases other than Punjab | 35 | 2.4 | 67 | 3.5 | 102 | 3.0 |
| **Total Cases** | **1485** | **100.0** | **1921** | **100.0** | **3406** | **100.0** |

## Figure 4.1: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# Mohan Dai Oswal Multispeciality and Cancer Hospital, Ludhiana

*(Centre Code: 03027)*

## Table 4.2 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 799 | 1001 | 1800 |
| **2013** | 285 | 356 | 641 |
| **2012-2013** | **1084** | **1357** | **2441** |

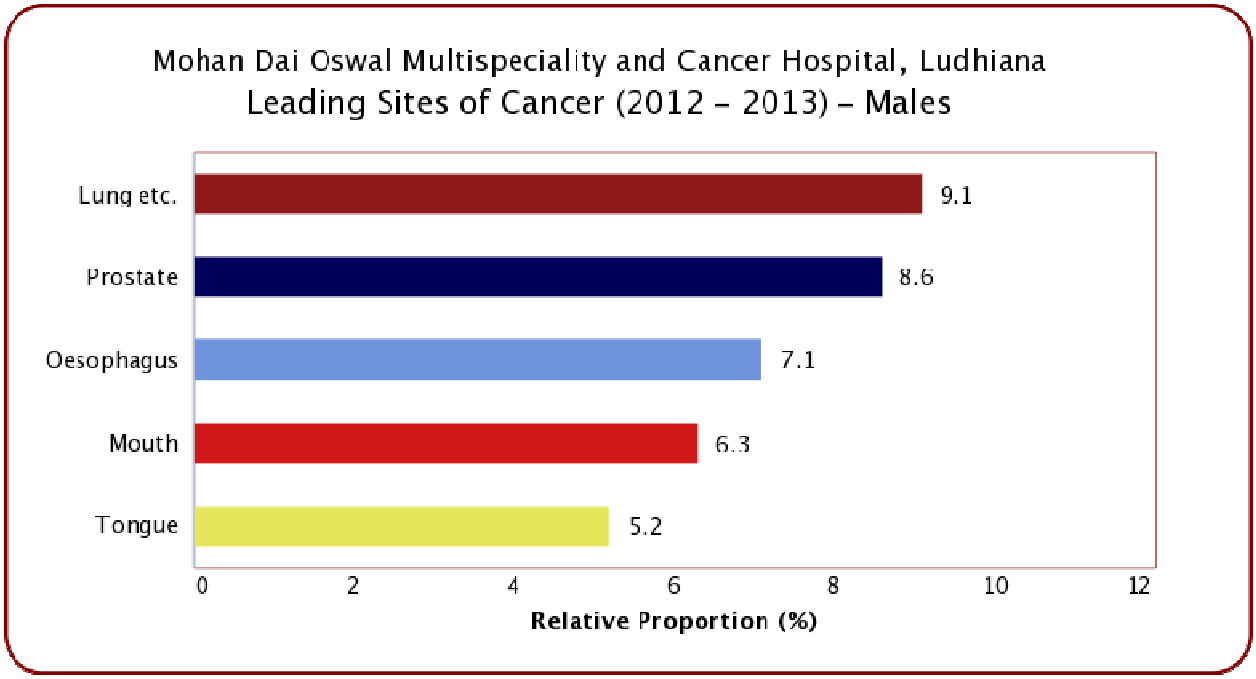
## Table 4.2 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

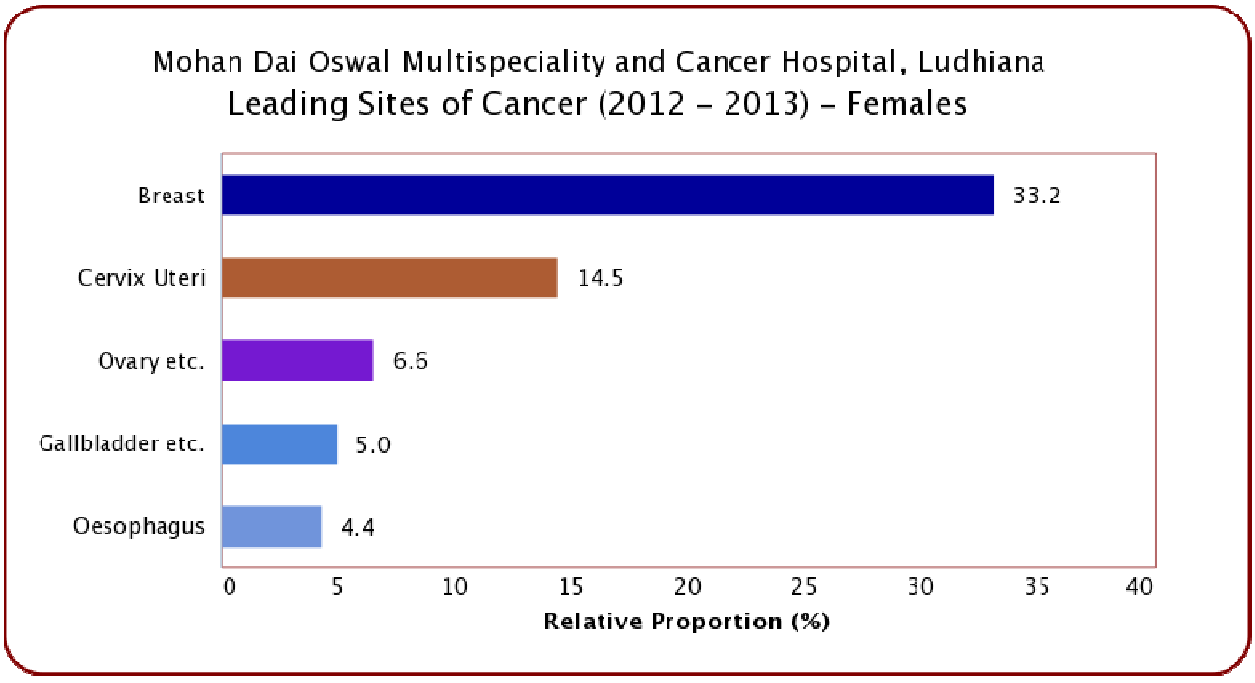
| **Name of District** *(With District Code)* | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **#** | **%** | **#** | **%** | **#** | **%** |
| Ludhiana *(309)* | 726 | 40.3 | 453 | 70.7 | 1179 | 48.3 |
| Jalandhar *(304)* | 186 | 10.3 | 6 | 0.9 | 192 | 7.9 |
| Hoshiarpur *(305)* | 113 | 6.3 | 1 | 0.2 | 114 | 4.7 |
| Kapurthala *(303)* | 60 | 3.3 | 50 | 7.8 | 110 | 4.5 |
| Moga *(310)* | 41 | 2.3 | 42 | 6.6 | 83 | 3.4 |
| Amritsar *(302)* | 38 | 2.1 | 42 | 6.6 | 80 | 3.3 |
| Sangrur *(316)* | 72 | 4.0 | - | - | 72 | 2.9 |
| Barnala *(320)* | 32 | 1.8 | 14 | 2.2 | 46 | 1.9 |
| Patiala *(317)* | 43 | 2.4 | - | - | 43 | 1.8 |
| SBS Nagar *(306)* | 43 | 2.4 | - | - | 43 | 1.8 |
| Gurdaspur *(301)* | 36 | 2.0 | - | - | 36 | 1.5 |
| Fatehgarh Sahib *(308)* | 35 | 1.9 | - | - | 35 | 1.4 |
| Firozpur *(311)* | 27 | 1.5 | - | - | 27 | 1.1 |
| Bathinda *(314)* | 25 | 1.4 | - | - | 25 | 1.0 |
| Other Districts | 72 | 4.0 | 29 | 4.5 | 101 | 4.1 |
| Cases other than Punjab | 251 | 13.9 | 4 | 0.6 | 255 | 10.4 |
| **Total Cases** | **1800** | **100.0** | **641** | **100.0** | **2441** | **100.0** |

## Figure 4.2: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# Sardana Labs, Jalandhar

*(Centre Code: 03009)*

## Table 4.3 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 557 | 685 | 1242 |
| **2013** | 516 | 600 | 1116 |
| **2012-2013** | **1073** | **1285** | **2358** |

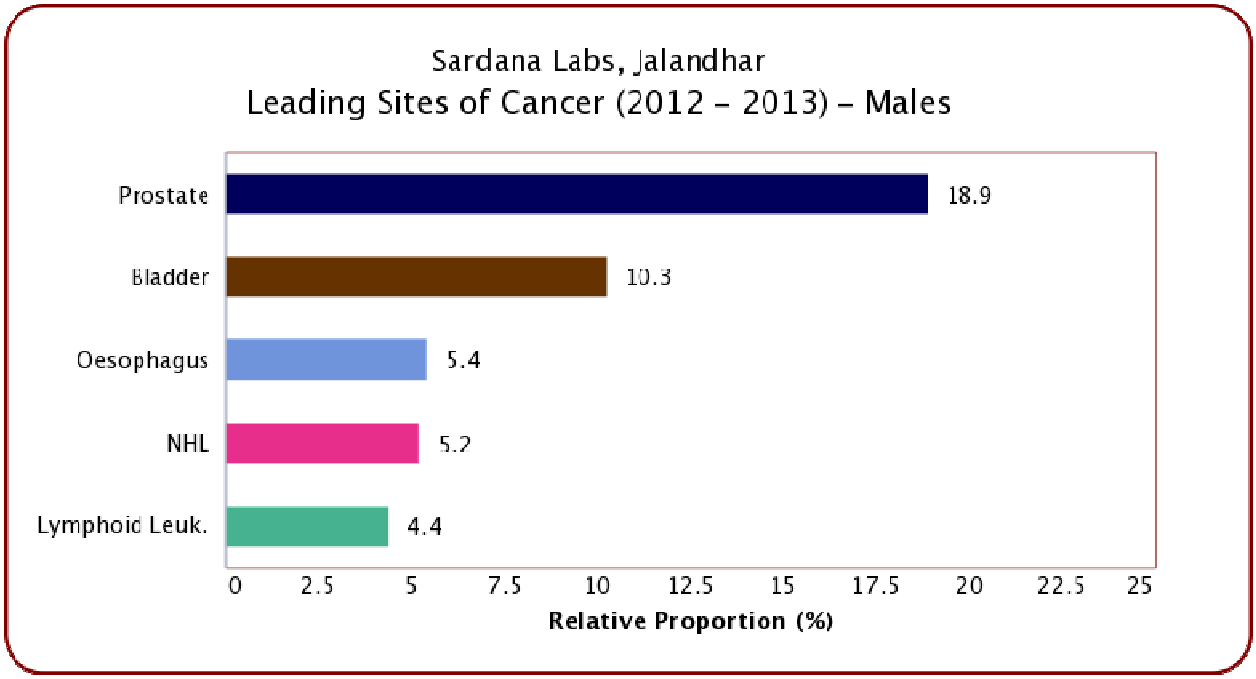
## Table 4.3 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

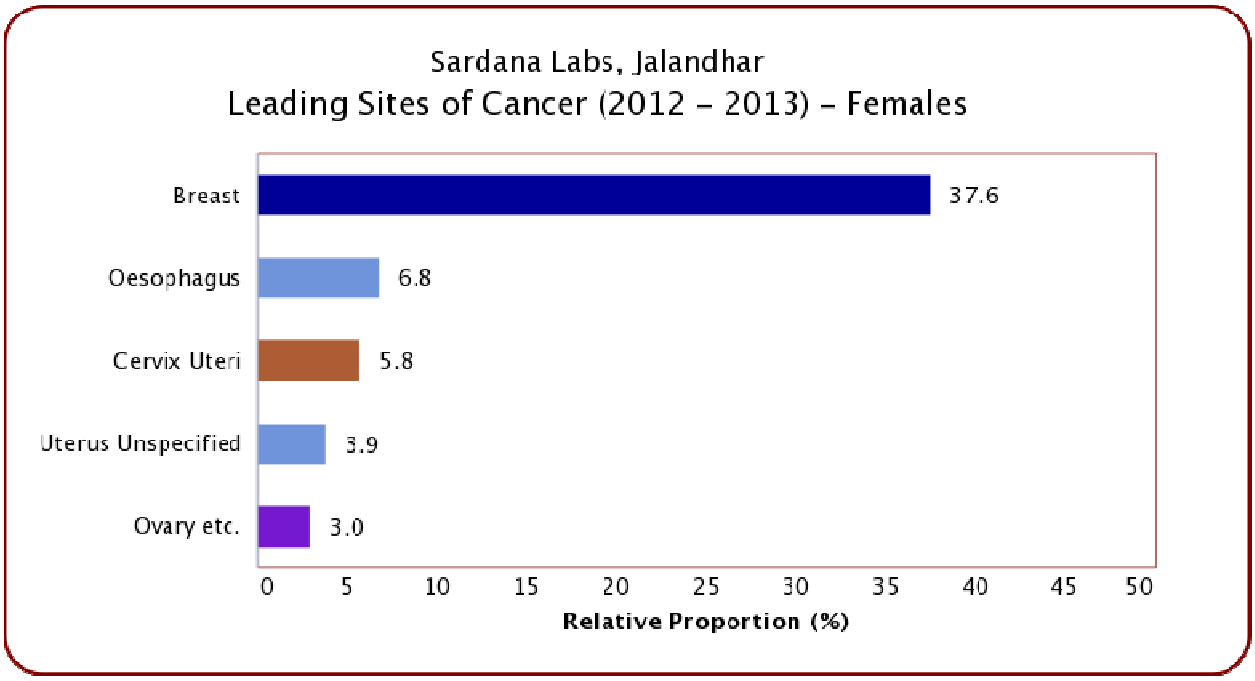
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Jalandhar *(304)* | 705 | 56.8 | 632 | 56.6 | 1337 | 56.7 |
| Hoshiarpur *(305)* | 207 | 16.7 | 173 | 15.5 | 380 | 16.1 |
| Kapurthala *(303)* | 156 | 12.6 | 109 | 9.8 | 265 | 11.2 |
| SBS Nagar *(306)* | 60 | 4.8 | 50 | 4.5 | 110 | 4.7 |
| Gurdaspur *(301)* | 26 | 2.1 | 25 | 2.2 | 51 | 2.2 |
| Firozpur *(311)* | 11 | 0.9 | 14 | 1.3 | 25 | 1.1 |
| Other Districts | 23 | 1.9 | 27 | 2.4 | 50 | 2.1 |
| Cases other than Punjab | 54 | 4.3 | 86 | 7.7 | 140 | 5.9 |
| **Total Cases** | **1242** | **100.0** | **1116** | **100.0** | **2358** | **100.0** |

## Figure 4.3: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# Grecian Super-Speciality Hospital, Mohali

*(Centre Code: 03070)*

## Table 4.4 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 488 | 509 | 997 |
| **2013** | 685 | 489 | 1174 |
| **2012-2013** | **1173** | **998** | **2171** |

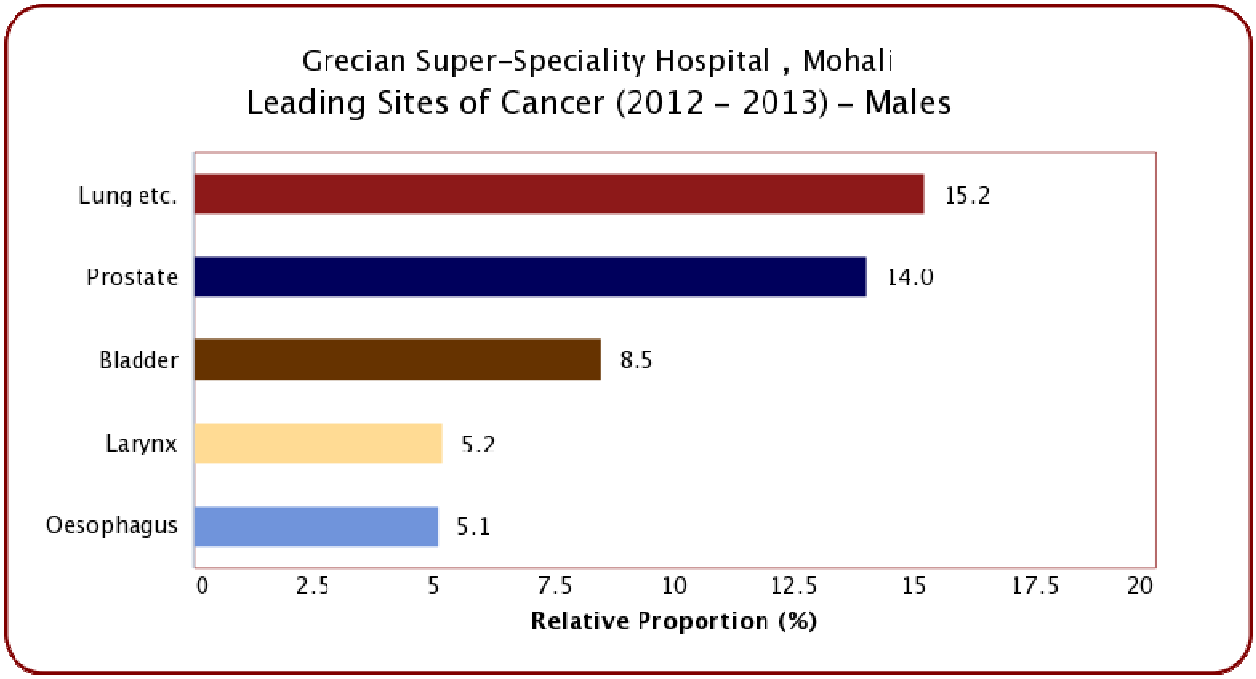
## Table 4.4 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

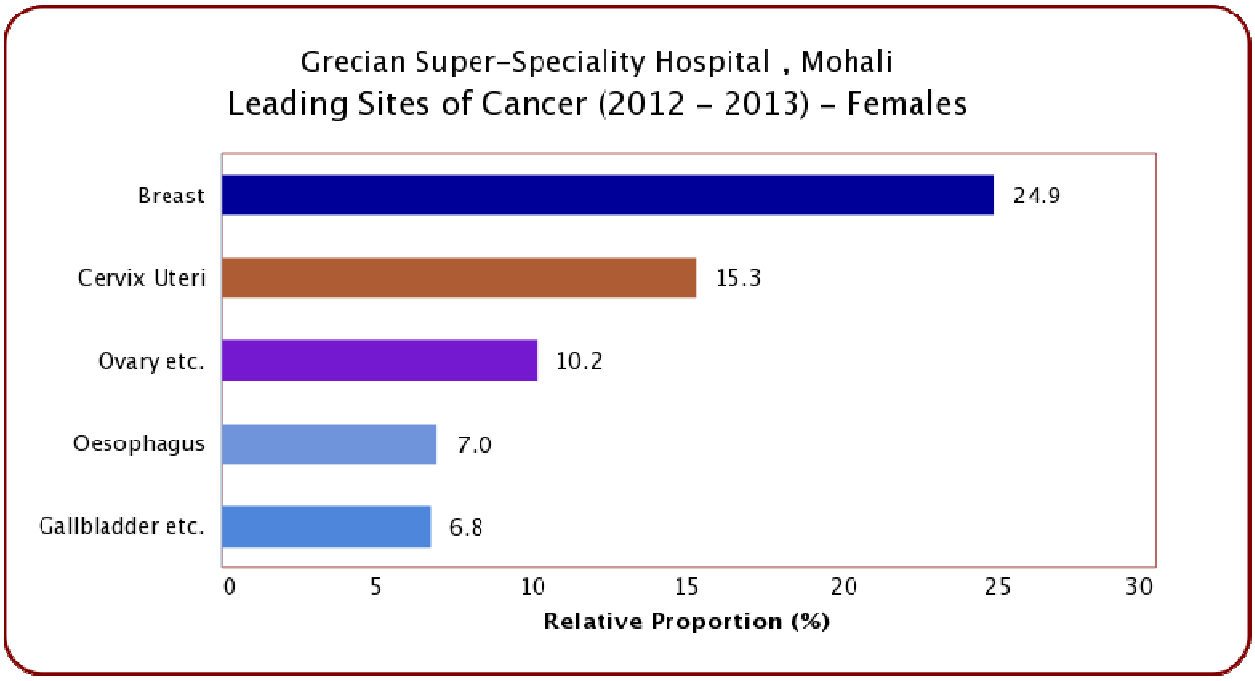
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Gurdaspur *(301)* | 112 | 11.2 | 114 | 9.7 | 226 | 10.4 |
| Hoshiarpur *(305)* | 70 | 7.0 | 83 | 7.1 | 153 | 7.0 |
| Amritsar *(302)* | 56 | 5.6 | 65 | 5.5 | 121 | 5.6 |
| Moga *(310)* | 22 | 2.2 | 35 | 3.0 | 57 | 2.6 |
| Fatehgarh Sahib *(308)* | 14 | 1.4 | 29 | 2.5 | 43 | 2.0 |
| Sangrur *(316)* | 29 | 2.9 | 11 | 0.9 | 40 | 1.8 |
| Patiala *(317)* | 13 | 1.3 | 26 | 2.2 | 39 | 1.8 |
| Mohali *(318)* | 27 | 2.7 | 9 | 0.8 | 36 | 1.7 |
| Jalandhar *(304)* | 34 | 3.4 | 1 | 0.1 | 35 | 1.6 |
| Ludhiana *(309)* | 20 | 2.0 | 11 | 0.9 | 31 | 1.4 |
| Rupnagar *(307)* | 9 | 0.9 | 21 | 1.8 | 30 | 1.4 |
| SBS Nagar *(306)* | 6 | 0.6 | 24 | 2.0 | 30 | 1.4 |
| Tarn Taran *(321)* | 2 | 0.2 | 27 | 2.3 | 29 | 1.3 |
| Other Districts | 33 | 3.3 | 31 | 2.6 | 64 | 2.9 |
| Cases other than Punjab | 550 | 55.2 | 687 | 58.5 | 1237 | 57.0 |
| **Total Cases** | **997** | **100.0** | **1174** | **100.0** | **2171** | **100.0** |

## Figure 4.4: Five Leading Sites of Cancer – (2012-2013)

**Males**




**Females**



# Dayanand Medical College & Hospital, Ludhiana

*(Centre Code: 03023)*

## Table 4.5 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 681 | 590 | 1271 |
| **2013** | 517 | 380 | 897 |
| **2012-2013** | **1198** | **970** | **2168** |

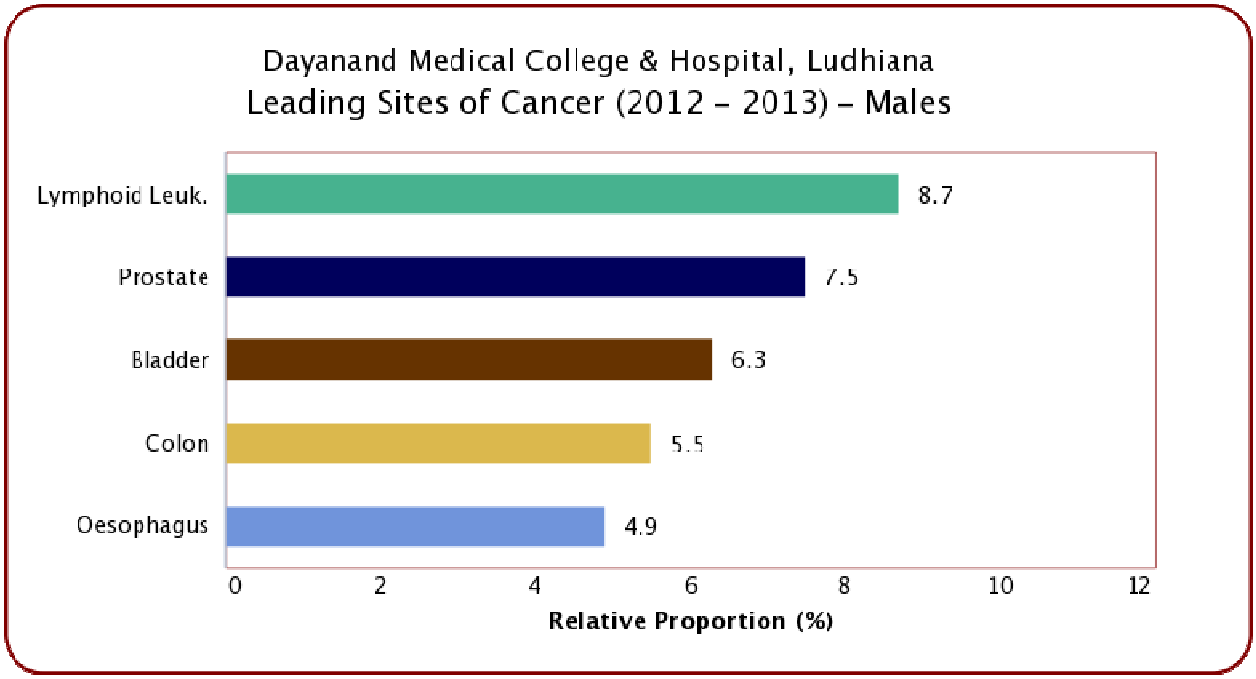
## Table 4.5 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

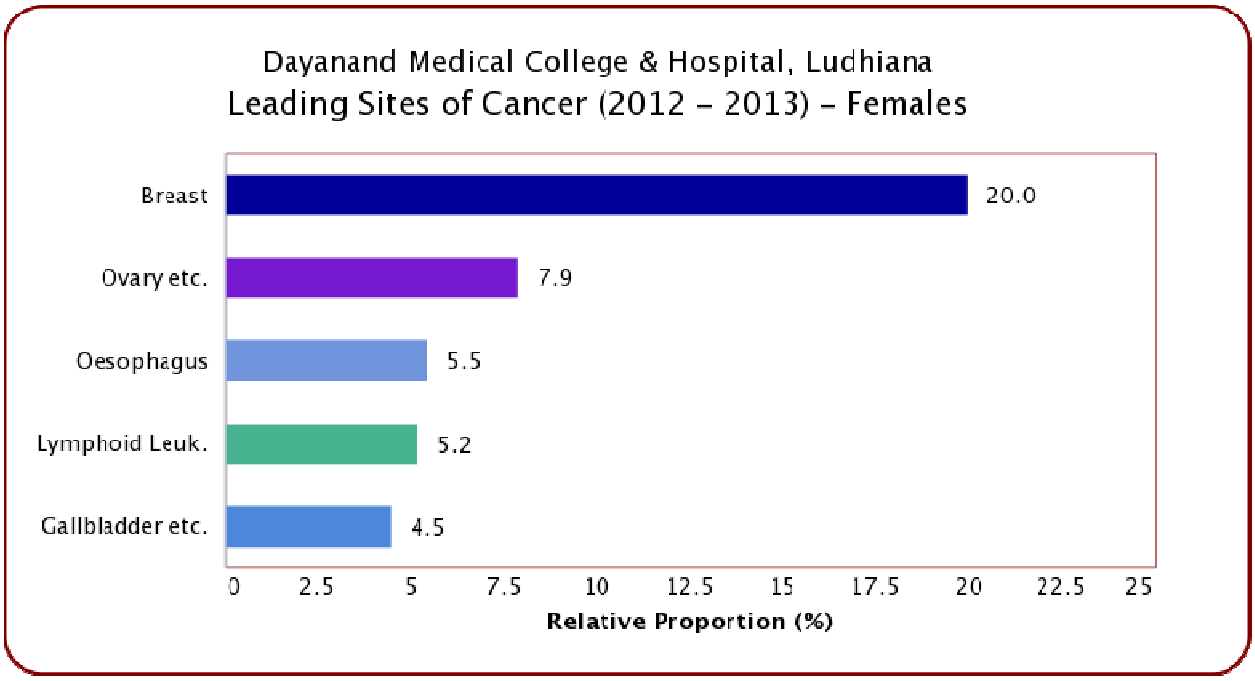
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Ludhiana *(309)* | 1237 | 97.3 | 890 | 99.2 | 2127 | 98.1 |
| Other Districts | 30 | 2.4 | 5 | 0.6 | 35 | 1.6 |
| Cases other than Punjab | 4 | 0.3 | 2 | 0.2 | 6 | 0.3 |
| **Total Cases** | **1271** | **100.0** | **897** | **100.0** | **2168** | **100.0** |

## Figure 4.5: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# Patel Cancer and Superspeciality Hospital, Jalandhar

*(Centre Code: 03072)*

## Table 4.6 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 447 | 479 | 926 |
| **2013** | 468 | 578 | 1046 |
| **2012-2013** | **915** | **1057** | **1972** |

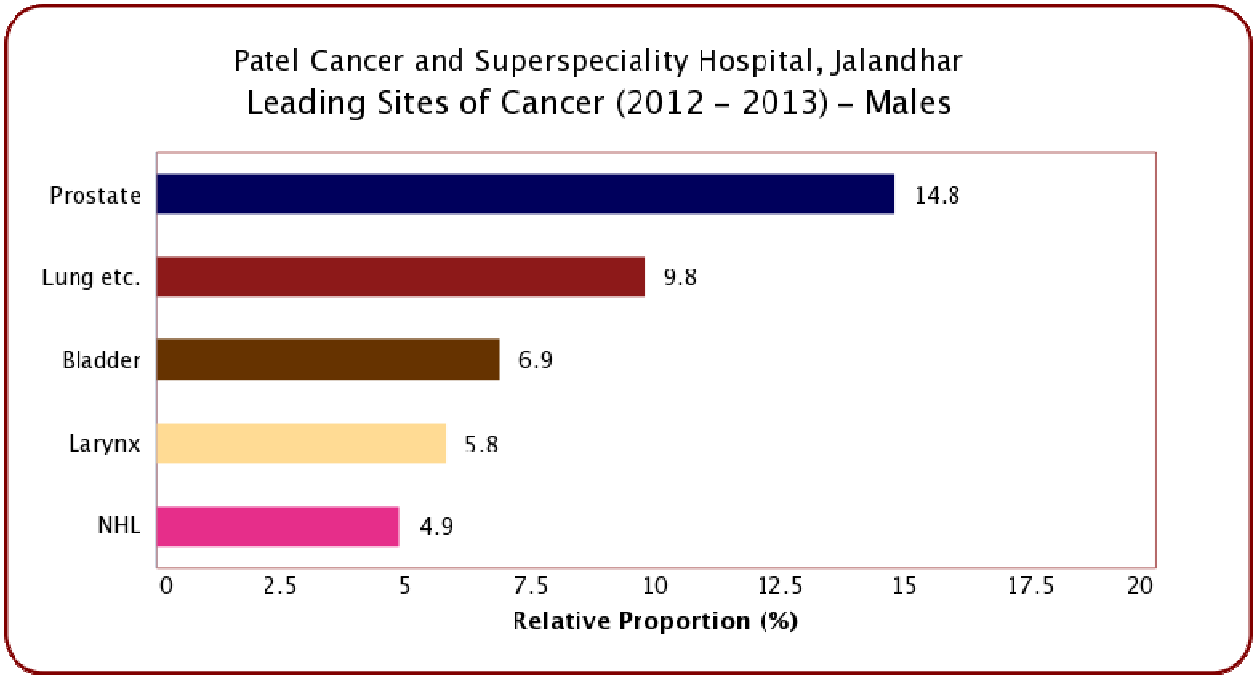
## Table 4.6 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

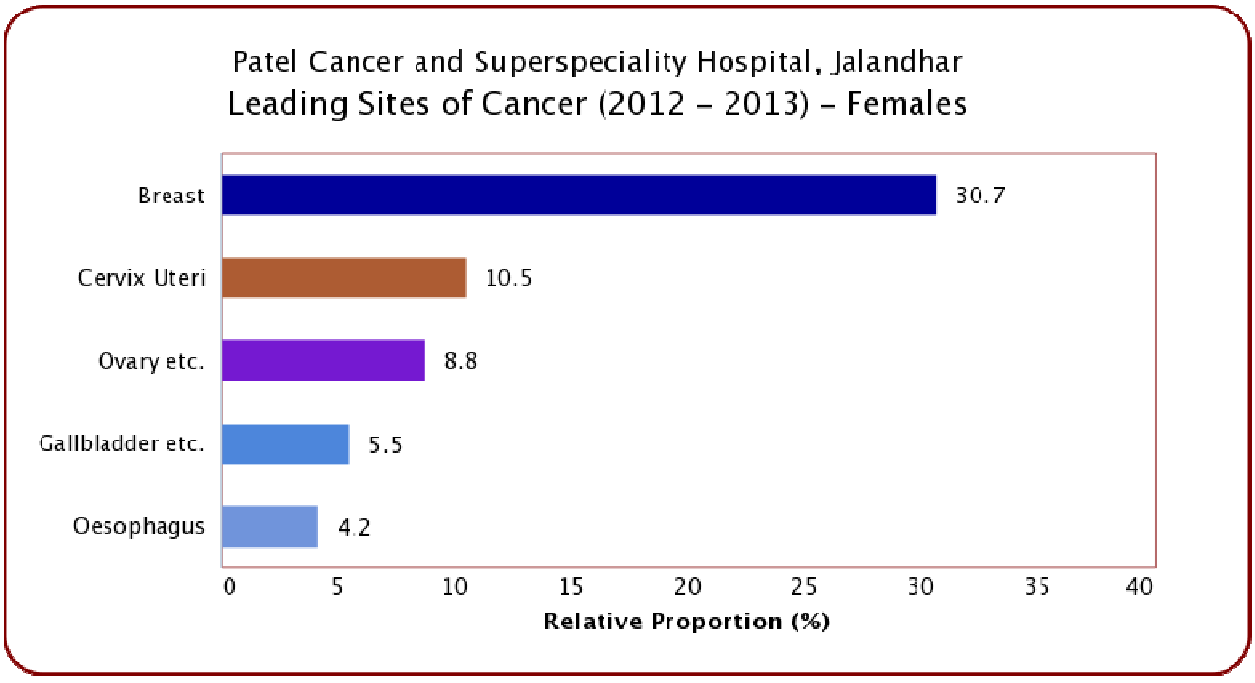
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Jalandhar *(304)* | 458 | 49.5 | 530 | 50.7 | 988 | 50.1 |
| Hoshiarpur *(305)* | 178 | 19.2 | 203 | 19.4 | 381 | 19.3 |
| Kapurthala *(303)* | 139 | 15.0 | 142 | 13.6 | 281 | 14.2 |
| Gurdaspur *(301)* | 25 | 2.7 | 26 | 2.5 | 51 | 2.6 |
| SBS Nagar *(306)* | 27 | 2.9 | 21 | 2.0 | 48 | 2.4 |
| Amritsar *(302)* | 25 | 2.7 | 22 | 2.1 | 47 | 2.4 |
| Other Districts | 21 | 2.3 | 34 | 3.3 | 55 | 2.8 |
| Cases other than Punjab | 53 | 5.7 | 68 | 6.5 | 121 | 6.1 |
| **Total Cases** | **926** | **100.0** | **1046** | **100.0** | **1972** | **100.0** |

## Figure 4.6: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# Dr. Monika's Lab, Bathinda

*(Centre Code: 03019)*

## Table 4.7 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 302 | 417 | 719 |
| **2013** | 278 | 395 | 673 |
| **2012-2013** | **580** | **812** | **1392** |

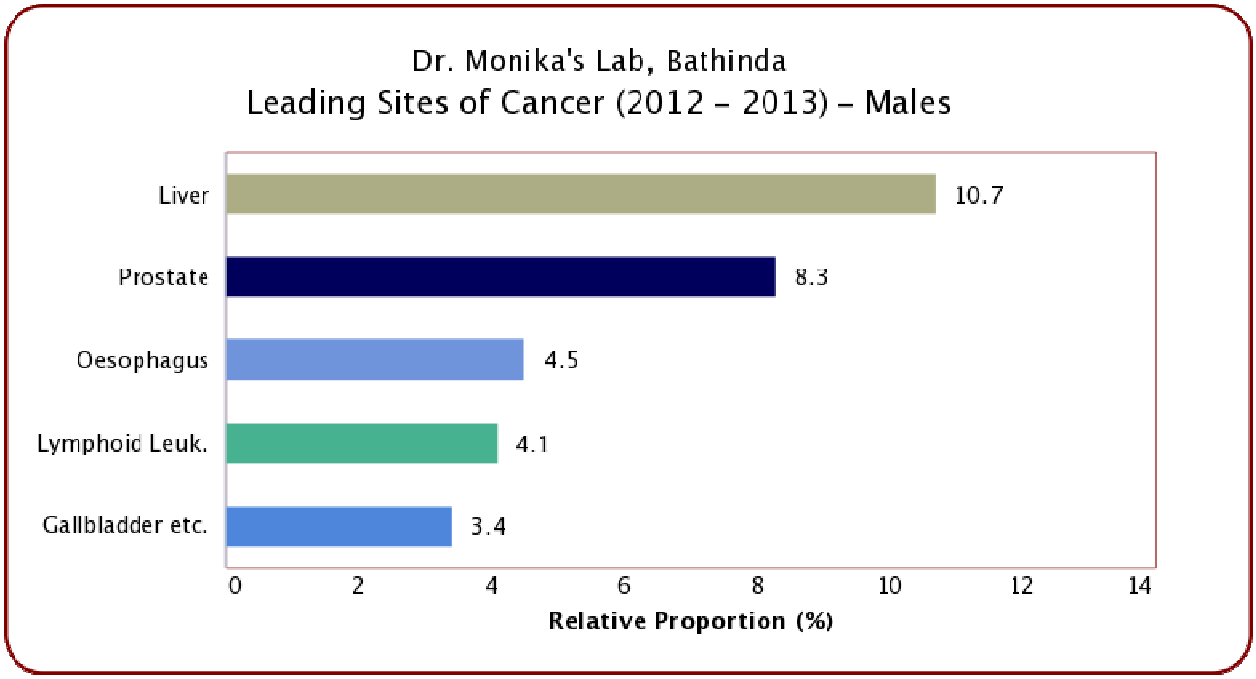
## Table 4.7 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

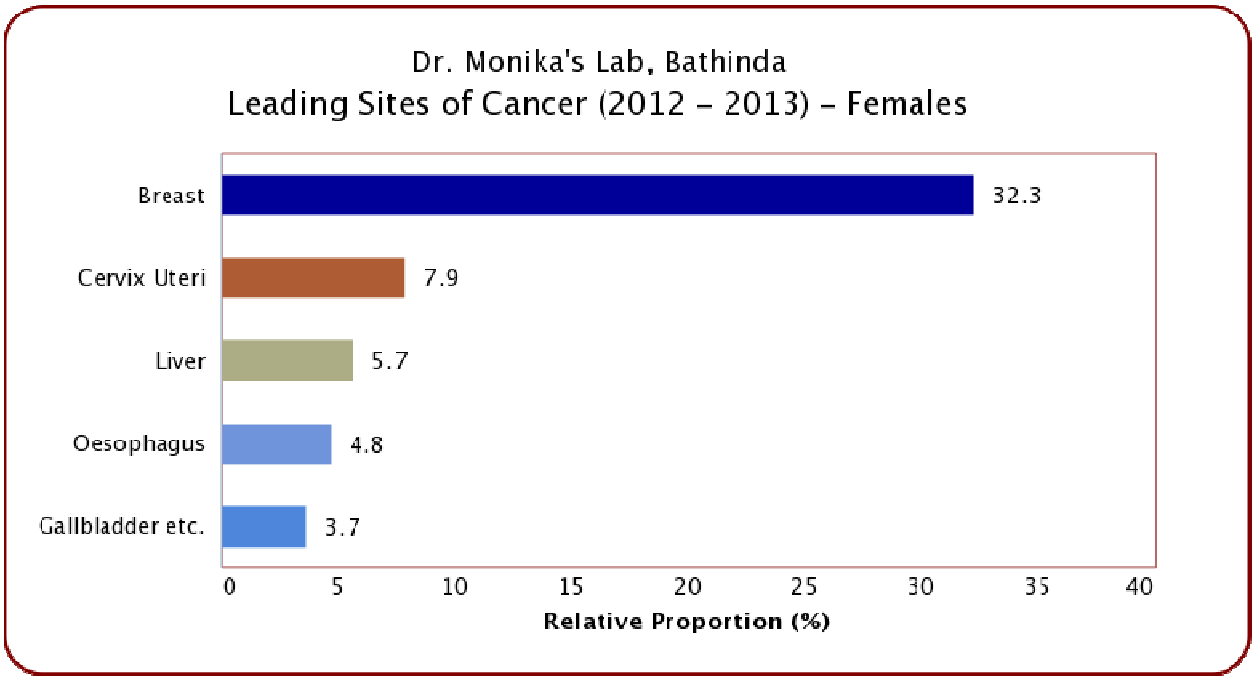
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Bathinda *(314)* | 486 | 67.6 | 540 | 80.2 | 1026 | 73.7 |
| Faridkot *(313)* | 56 | 7.8 | 32 | 4.8 | 88 | 6.3 |
| Mansa *(315)* | 47 | 6.5 | 35 | 5.2 | 82 | 5.9 |
| Muktsar *(312)* | 48 | 6.7 | 31 | 4.6 | 79 | 5.7 |
| Firozpur *(311)* | 32 | 4.5 | 11 | 1.6 | 43 | 3.1 |
| Moga *(310)* | 13 | 1.8 | 9 | 1.3 | 22 | 1.6 |
| Other Districts | 18 | 2.5 | 8 | 1.2 | 26 | 1.9 |
| Cases other than Punjab | 19 | 2.6 | 7 | 1.0 | 26 | 1.9 |
| **Total Cases** | **719** | **100.0** | **673** | **100.0** | **1392** | **100.0** |

## Figure 4.7: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# Christian Medical College & Hospital, Ludhiana

*(Centre Code: 03002)*

## Table 4.8 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 312 | 305 | 617 |
| **2013** | 306 | 255 | 561 |
| **2012-2013** | **618** | **560** | **1178** |

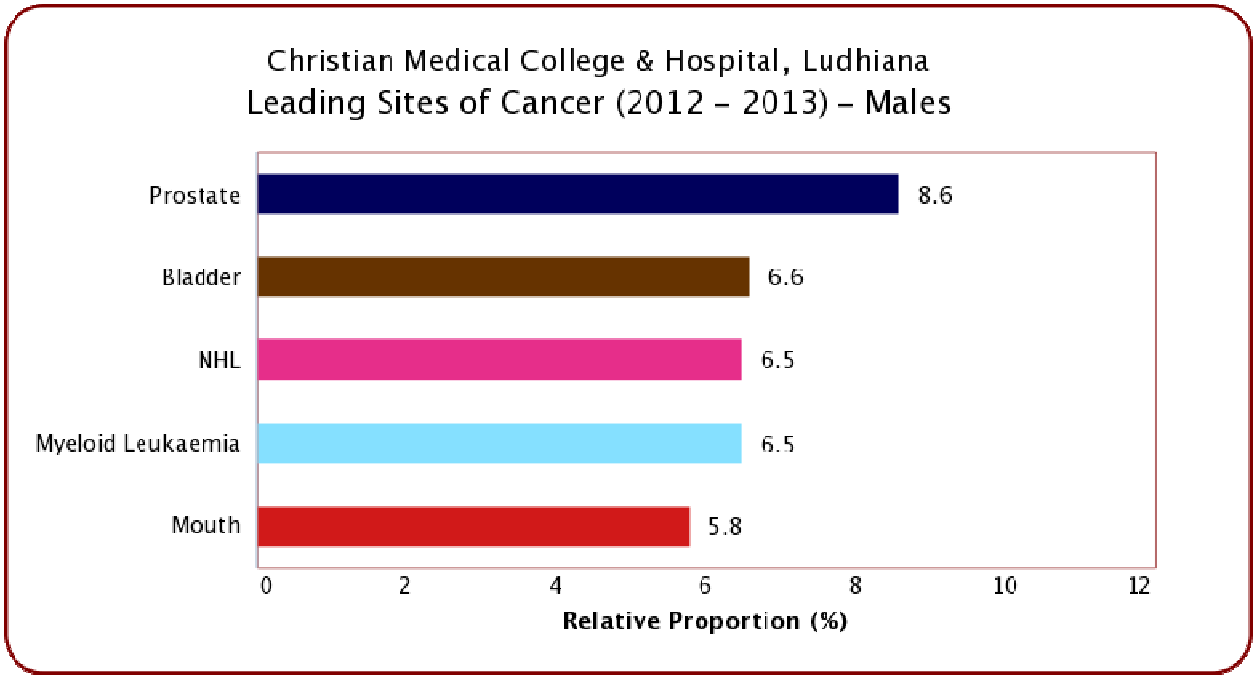
## Table 4.8 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

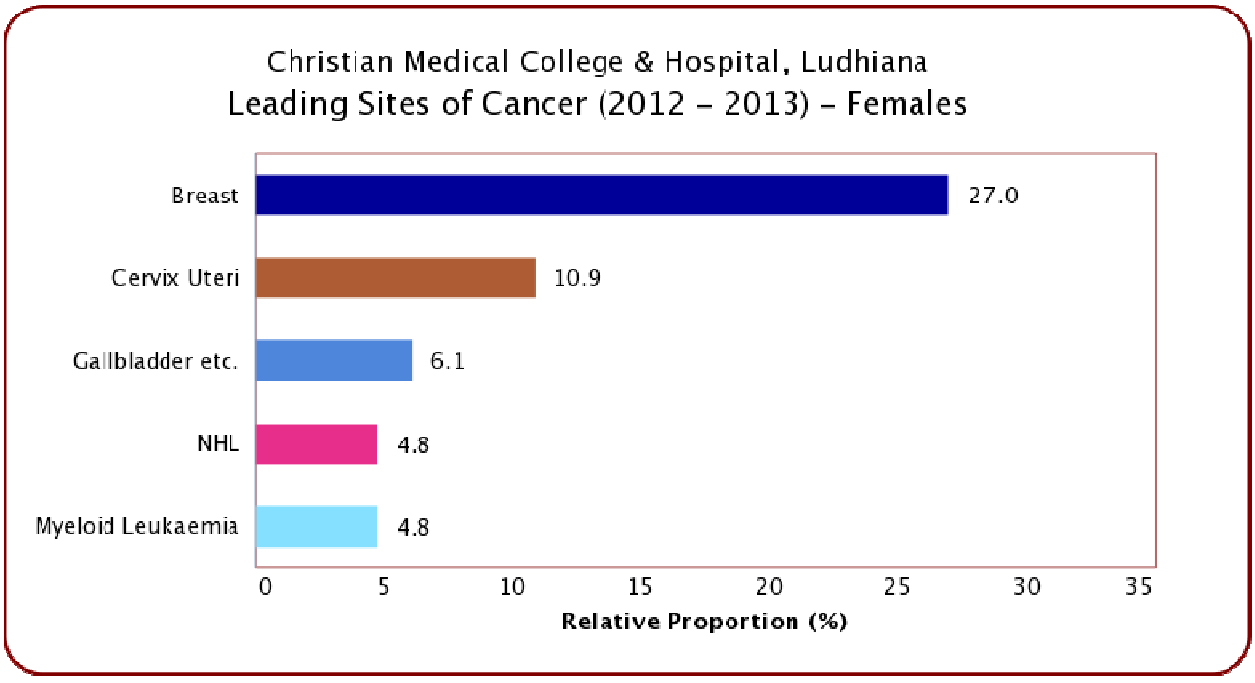
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Ludhiana *(309)* | 296 | 48.0 | 275 | 49.0 | 571 | 48.5 |
| Jalandhar *(304)* | 40 | 6.5 | 32 | 5.7 | 72 | 6.1 |
| Amritsar *(302)* | 33 | 5.3 | 21 | 3.7 | 54 | 4.6 |
| Hoshiarpur *(305)* | 28 | 4.5 | 20 | 3.6 | 48 | 4.1 |
| Gurdaspur *(301)* | 23 | 3.7 | 21 | 3.7 | 44 | 3.7 |
| Sangrur *(316)* | 20 | 3.2 | 14 | 2.5 | 34 | 2.9 |
| Moga *(310)* | 7 | 1.1 | 19 | 3.4 | 26 | 2.2 |
| Barnala *(320)* | 13 | 2.1 | 6 | 1.1 | 19 | 1.6 |
| Kapurthala *(303)* | 8 | 1.3 | 11 | 2.0 | 19 | 1.6 |
| Tarn Taran *(321)* | 10 | 1.6 | 7 | 1.2 | 17 | 1.4 |
| Faridkot *(313)* | 9 | 1.5 | 7 | 1.2 | 16 | 1.4 |
| Firozpur *(311)* | 9 | 1.5 | 5 | 0.9 | 14 | 1.2 |
| Patiala *(317)* | 9 | 1.5 | 5 | 0.9 | 14 | 1.2 |
| Bathinda *(314)* | 6 | 1.0 | 6 | 1.1 | 12 | 1.0 |
| Other Districts | 8 | 1.3 | 10 | 1.8 | 18 | 1.5 |
| Cases other than Punjab | 98 | 15.9 | 102 | 18.2 | 200 | 17.0 |
| **Total Cases** | **617** | **100.0** | **561** | **100.0** | **1178** | **100.0** |

## Figure 4.8: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# Government Medical College, Amritsar

*(Centre Code: 03003)*

## Table 4.9 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 178 | 283 | 461 |
| **2013** | 259 | 450 | 709 |
| **2012-2013** | **437** | **733** | **1170** |

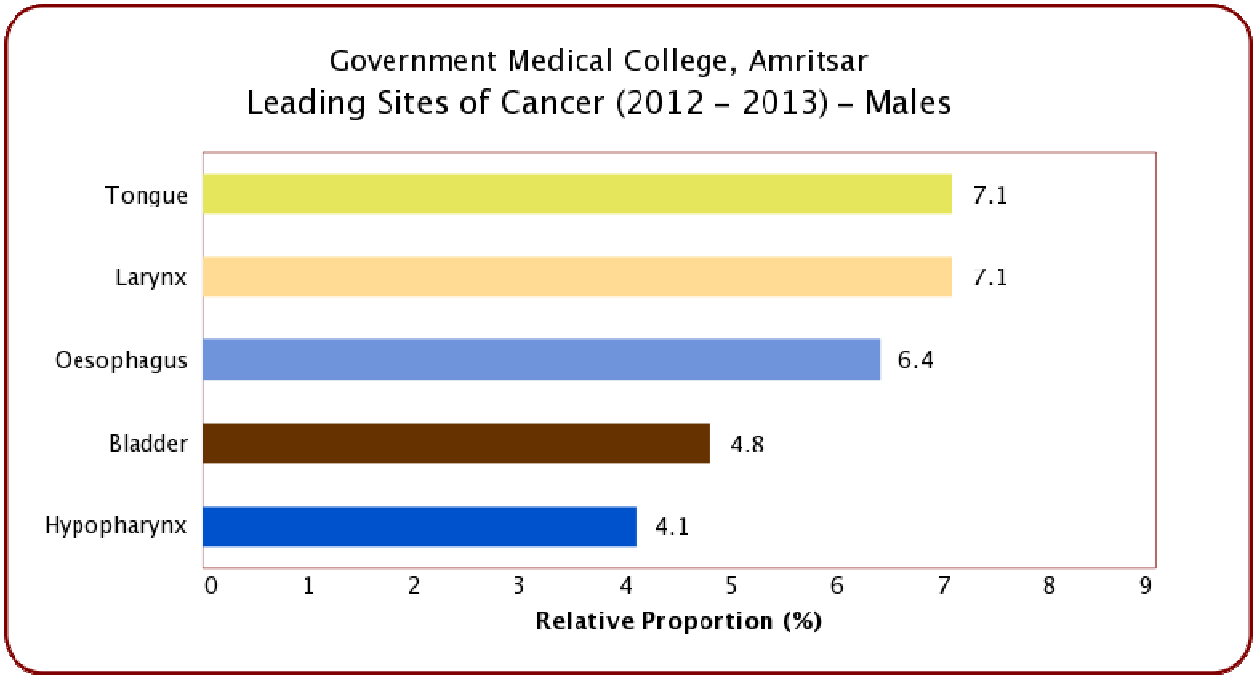
## Table 4.9 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

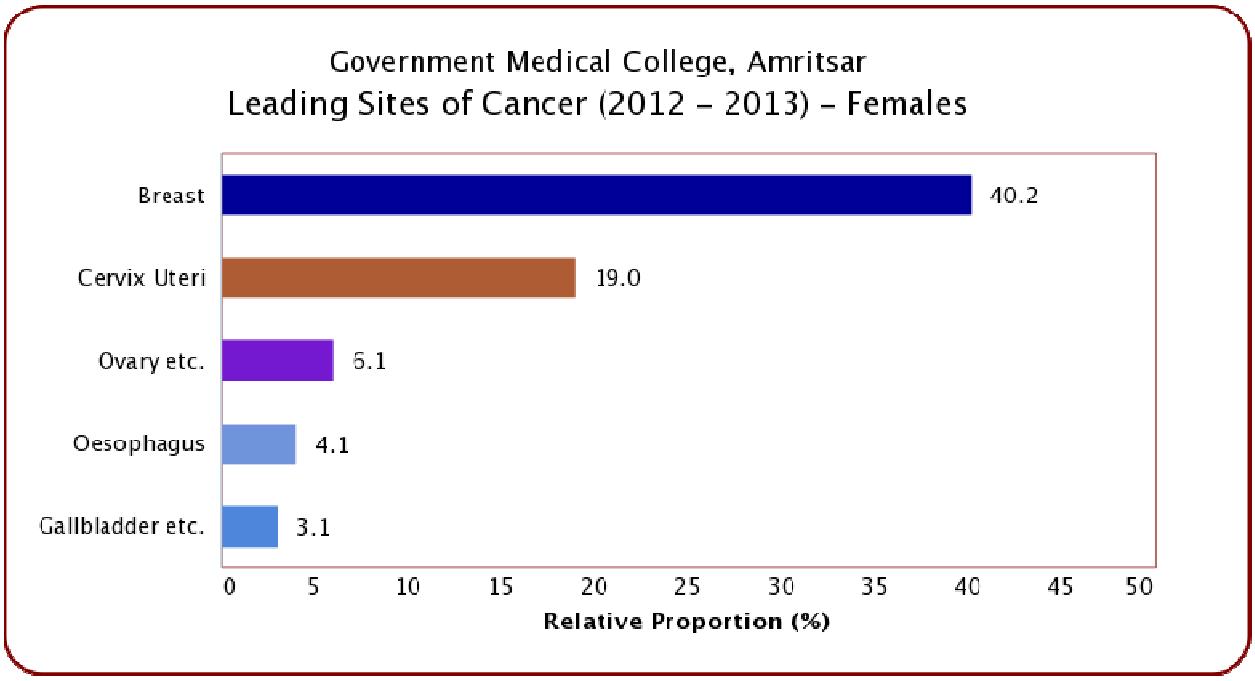
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Amritsar *(302)* | 312 | 67.7 | 614 | 86.6 | 926 | 79.1 |
| Gurdaspur *(301)* | 49 | 10.6 | 31 | 4.4 | 80 | 6.8 |
| Tarn Taran *(321)* | 30 | 6.5 | 30 | 4.2 | 60 | 5.1 |
| Jalandhar *(304)* | 33 | 7.2 | 13 | 1.8 | 46 | 3.9 |
| Hoshiarpur *(305)* | 11 | 2.4 | 12 | 1.7 | 23 | 2.0 |
| Kapurthala *(303)* | 15 | 3.3 | 6 | 0.8 | 21 | 1.8 |
| Other Districts | 5 | 1.1 | - | - | 5 | 0.4 |
| Cases other than Punjab | 6 | 1.3 | 3 | 0.4 | 9 | 0.8 |
| **Total Cases** | **461** | **100.0** | **709** | **100.0** | **1170** | **100.0** |

## Figure 4.9: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# Indus Super Speciality Hospital, Mohali

*(Centre Code: 03007)*

## Table 4.10 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 250 | 229 | 479 |
| **2013** | 256 | 161 | 417 |
| **2012-2013** | **506** | **390** | **896** |

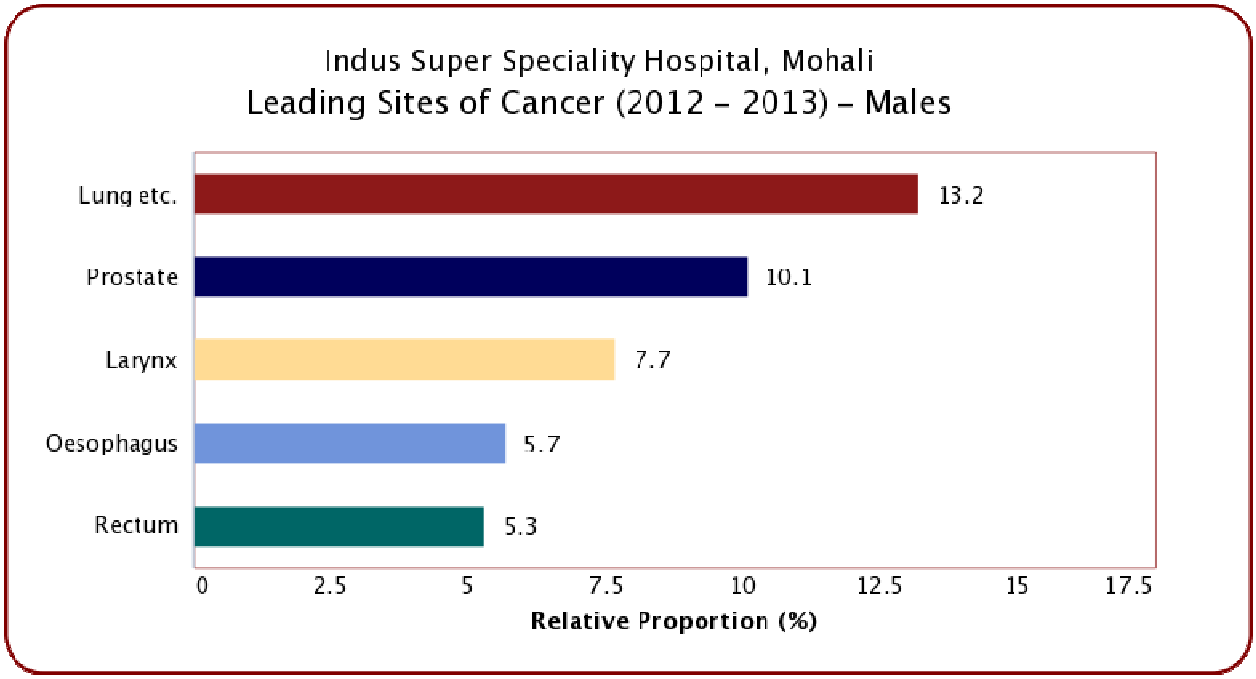
## Table 4.10 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

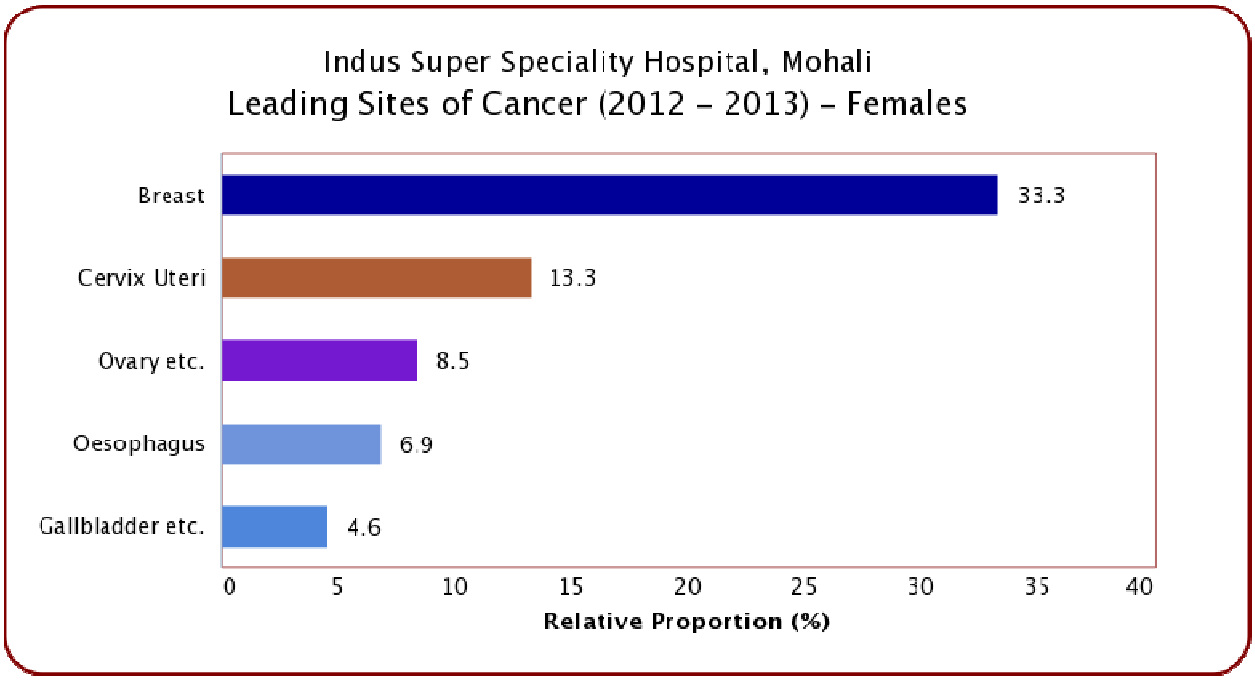
| **Name of District** *(With District Code)* | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| | **#** | **%** | **#** | **%** | **#** | **%** |
| Mohali *(318)* | 159 | 33.2 | 33 | 7.9 | 192 | 21.4 |
| Rupnagar *(307)* | 35 | 7.3 | 15 | 3.6 | 50 | 5.6 |
| Sangrur *(316)* | 5 | 1.0 | 22 | 5.3 | 27 | 3.0 |
| Hoshiarpur *(305)* | 11 | 2.3 | 9 | 2.2 | 20 | 2.2 |
| Patiala *(317)* | 7 | 1.5 | 11 | 2.6 | 18 | 2.0 |
| Gurdaspur *(301)* | 6 | 1.3 | 5 | 1.2 | 11 | 1.2 |
| Fatehgarh Sahib *(308)* | 3 | 0.6 | 7 | 1.7 | 10 | 1.1 |
| Ludhiana *(309)* | 7 | 1.5 | 3 | 0.7 | 10 | 1.1 |
| SBS Nagar *(306)* | 3 | 0.6 | 6 | 1.4 | 9 | 1.0 |
| Other Districts | 9 | 1.9 | 14 | 3.4 | 23 | 2.6 |
| Cases other than Punjab | 234 | 48.9 | 292 | 70.0 | 526 | 58.7 |
| **Total Cases** | **479** | **100.0** | **417** | **100.0** | **896** | **100.0** |

## Figure 4.10: Five Leading Sites of Cancer – (2012-2013)

**Males**




**Females**



# Fortis Hospital, Mohali

*(Centre Code: 03079)*

## Table 4.11 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 220 | 158 | 378 |
| **2013** | 274 | 200 | 474 |
| **2012-2013** | **494** | **358** | **852** |

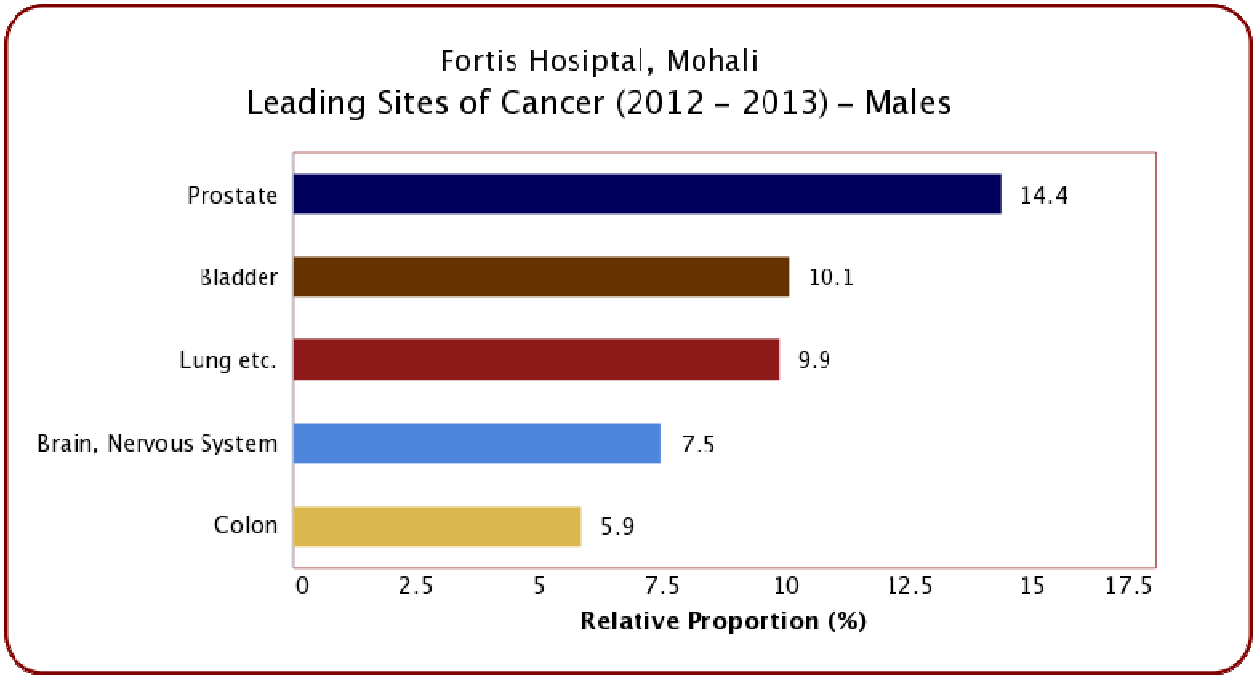
## Table 4.11 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

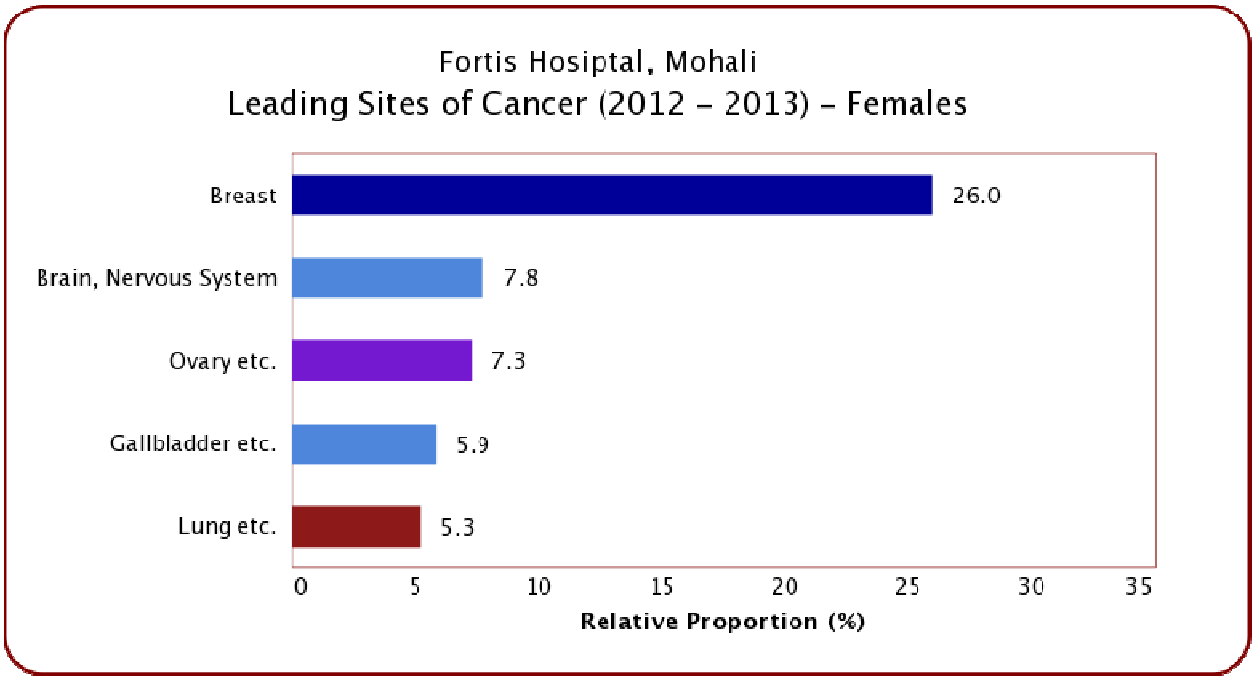
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Mohali *(318)* | 71 | 18.8 | 70 | 14.8 | 141 | 16.5 |
| Rupnagar *(307)* | 13 | 3.4 | 20 | 4.2 | 33 | 3.9 |
| Patiala *(317)* | 11 | 2.9 | 18 | 3.8 | 29 | 3.4 |
| Jalandhar *(304)* | 7 | 1.9 | 12 | 2.5 | 19 | 2.2 |
| Ludhiana *(309)* | 6 | 1.6 | 13 | 2.7 | 19 | 2.2 |
| Fatehgarh Sahib *(308)* | 8 | 2.1 | 5 | 1.1 | 13 | 1.5 |
| Amritsar *(302)* | 5 | 1.3 | 7 | 1.5 | 12 | 1.4 |
| Gurdaspur *(301)* | 3 | 0.8 | 9 | 1.9 | 12 | 1.4 |
| Sangrur *(316)* | 3 | 0.8 | 8 | 1.7 | 11 | 1.3 |
| SBS Nagar *(306)* | 4 | 1.1 | 6 | 1.3 | 10 | 1.2 |
| Hoshiarpur *(305)* | 4 | 1.1 | 5 | 1.1 | 9 | 1.1 |
| Other Districts | 14 | 3.7 | 27 | 5.7 | 41 | 4.8 |
| Cases other than Punjab | 229 | 60.6 | 274 | 57.8 | 503 | 59.0 |
| **Total Cases** | **378** | **100.0** | **474** | **100.0** | **852** | **100.0** |

## Figure 4.11: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# Max Super Speciality Hospital, Mohali

*(Centre Code: 03021)*

## Table 4.12 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 169 | 175 | 344 |
| **2013** | 235 | 237 | 472 |
| **2012-2013** | **404** | **412** | **816** |

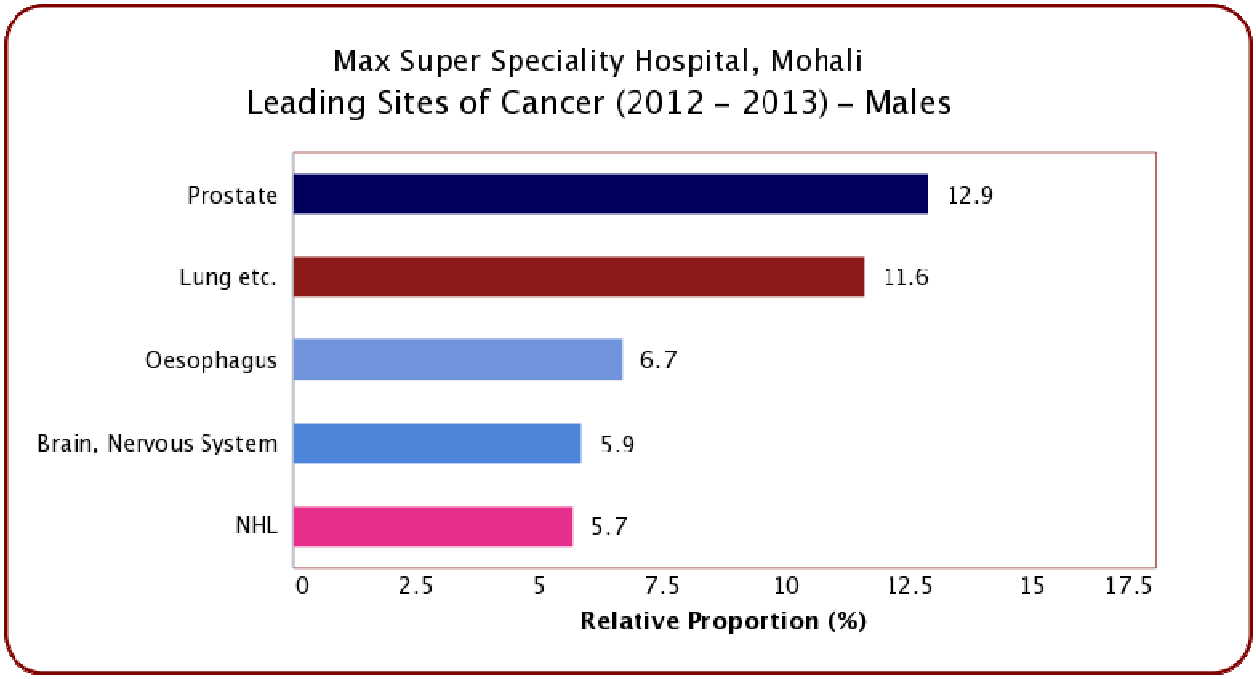
## Table 4.12 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

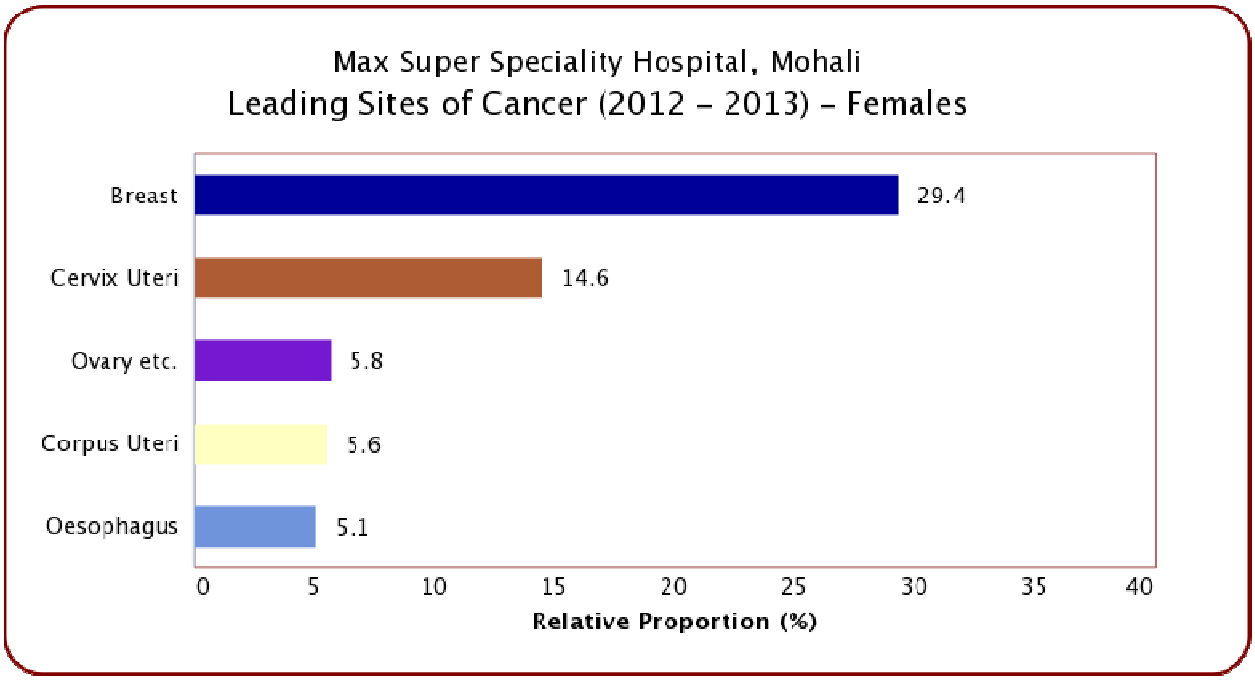
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Mohali *(318)* | 67 | 19.5 | 78 | 16.5 | 145 | 17.8 |
| Patiala *(317)* | 28 | 8.1 | 35 | 7.4 | 63 | 7.7 |
| Rupnagar *(307)* | 12 | 3.5 | 23 | 4.9 | 35 | 4.3 |
| Ludhiana *(309)* | 10 | 2.9 | 11 | 2.3 | 21 | 2.6 |
| Fatehgarh Sahib *(308)* | 6 | 1.7 | 14 | 3.0 | 20 | 2.5 |
| Hoshiarpur *(305)* | 6 | 1.7 | 10 | 2.1 | 16 | 2.0 |
| Jalandhar *(304)* | 8 | 2.3 | 7 | 1.5 | 15 | 1.8 |
| Sangrur *(316)* | 5 | 1.5 | 8 | 1.7 | 13 | 1.6 |
| Gurdaspur *(301)* | 3 | 0.9 | 7 | 1.5 | 10 | 1.2 |
| Bathinda *(314)* | 5 | 1.5 | 4 | 0.8 | 9 | 1.1 |
| Amritsar *(302)* | 3 | 0.9 | 5 | 1.1 | 8 | 1.0 |
| Other Districts | 9 | 2.6 | 15 | 3.2 | 24 | 2.9 |
| Cases other than Punjab | 182 | 52.9 | 255 | 54.0 | 437 | 53.6 |
| **Total Cases** | **344** | **100.0** | **472** | **100.0** | **816** | **100.0** |

## Figure 4.12: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# Max Super Speciality Hospital, Bathinda

*(Centre Code: 03018)*

## Table 4.13 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 139 | 158 | 297 |
| **2013** | 195 | 246 | 441 |
| **2012-2013** | **334** | **404** | **738** |

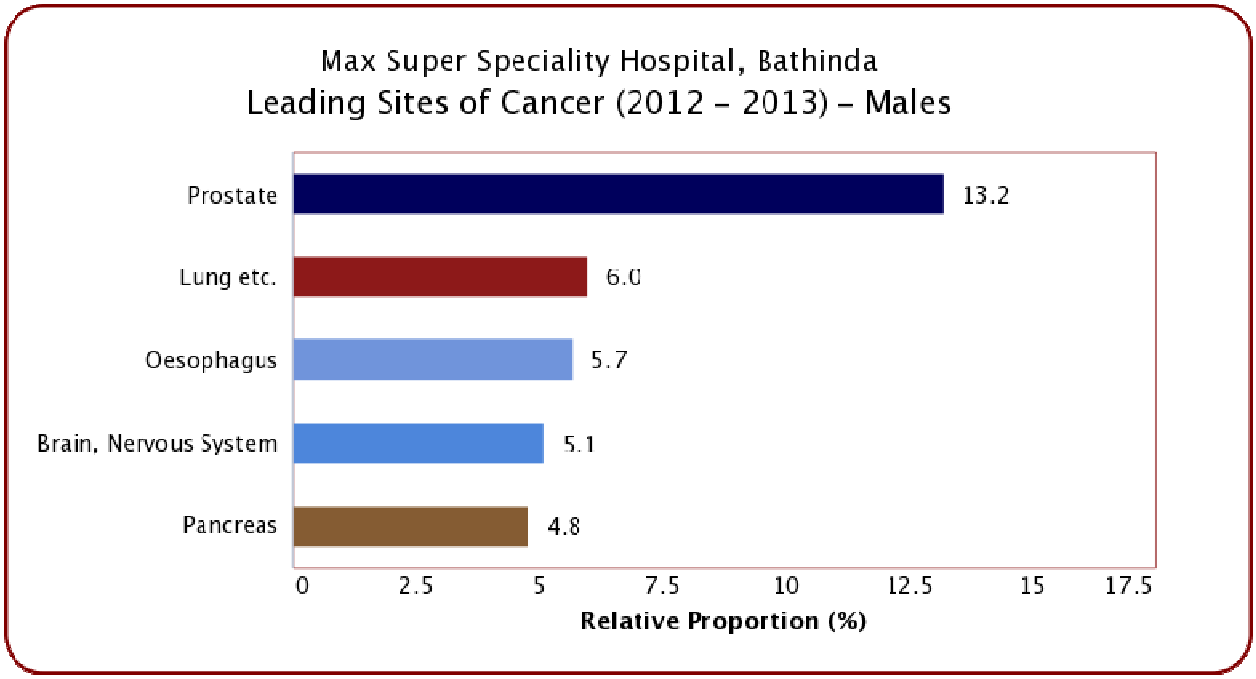
## Table 4.13 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

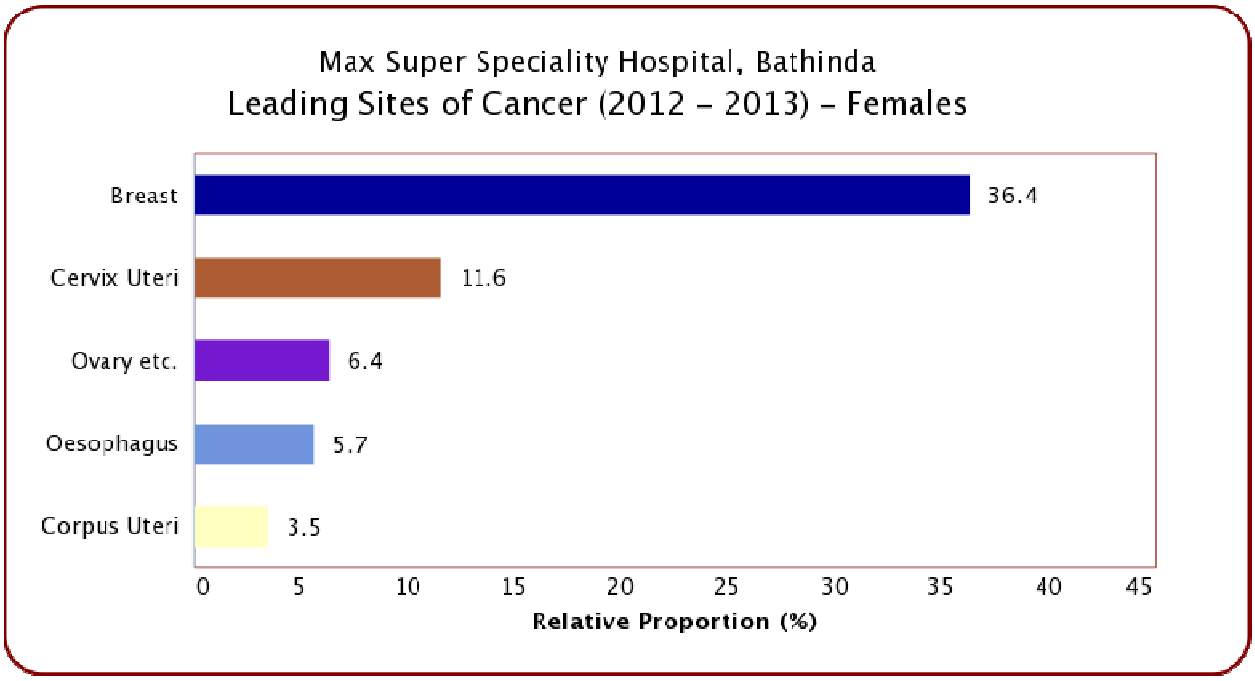
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Bathinda *(314)* | 163 | 54.9 | 169 | 38.3 | 332 | 45.0 |
| Muktsar *(312)* | 34 | 11.4 | 110 | 24.9 | 144 | 19.5 |
| Mansa *(315)* | 25 | 8.4 | 53 | 12.0 | 78 | 10.6 |
| Barnala *(320)* | 15 | 5.1 | 15 | 3.4 | 30 | 4.1 |
| Sangrur *(316)* | 10 | 3.4 | 20 | 4.5 | 30 | 4.1 |
| Firozpur *(311)* | 11 | 3.7 | 11 | 2.5 | 22 | 3.0 |
| Moga *(310)* | 9 | 3.0 | 11 | 2.5 | 20 | 2.7 |
| Faridkot *(313)* | 7 | 2.4 | 4 | 0.9 | 11 | 1.5 |
| Other Districts | 1 | 0.3 | 11 | 2.5 | 12 | 1.6 |
| Cases other than Punjab | 22 | 7.4 | 37 | 8.4 | 59 | 8.0 |
| **Total Cases** | **297** | **100.0** | **441** | **100.0** | **738** | **100.0** |

## Figure 4.13: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# SGRD Institute of Medical Sciences & Research, Amritsar

*(Centre Code: 03014)*

## Table 4.14 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 70 | 95 | 165 |
| **2013** | 186 | 296 | 482 |
| **2012-2013** | **256** | **391** | **647** |

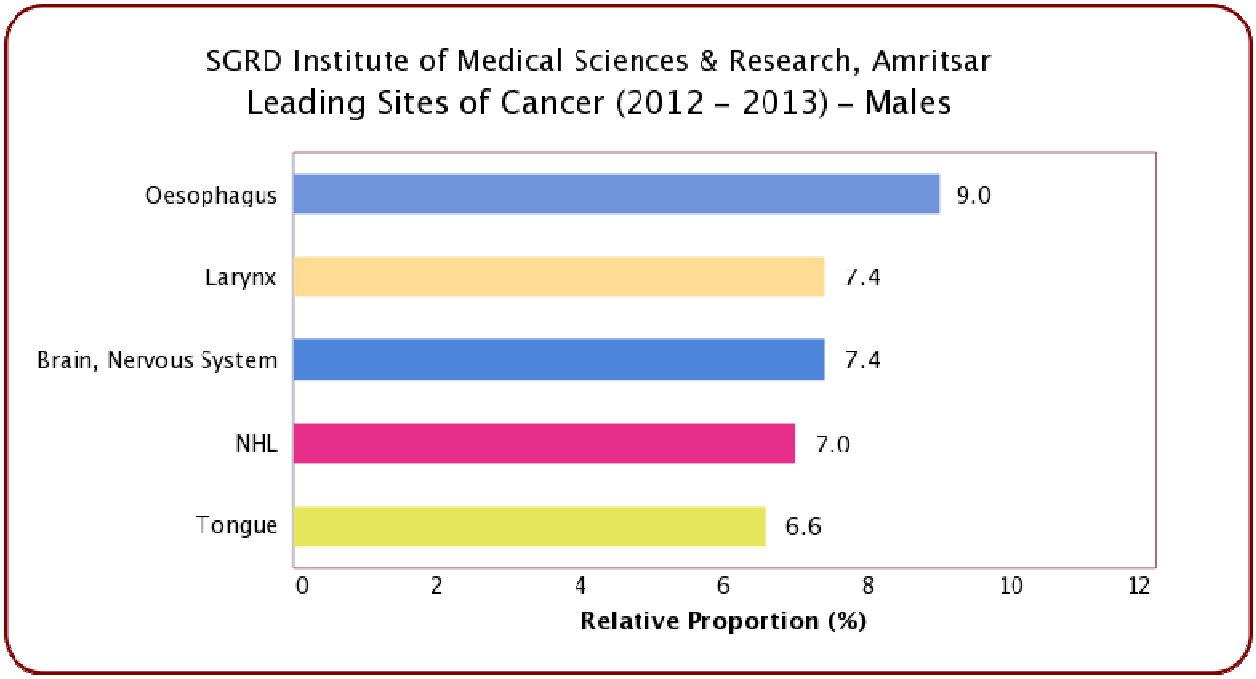
## Table 4.14 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

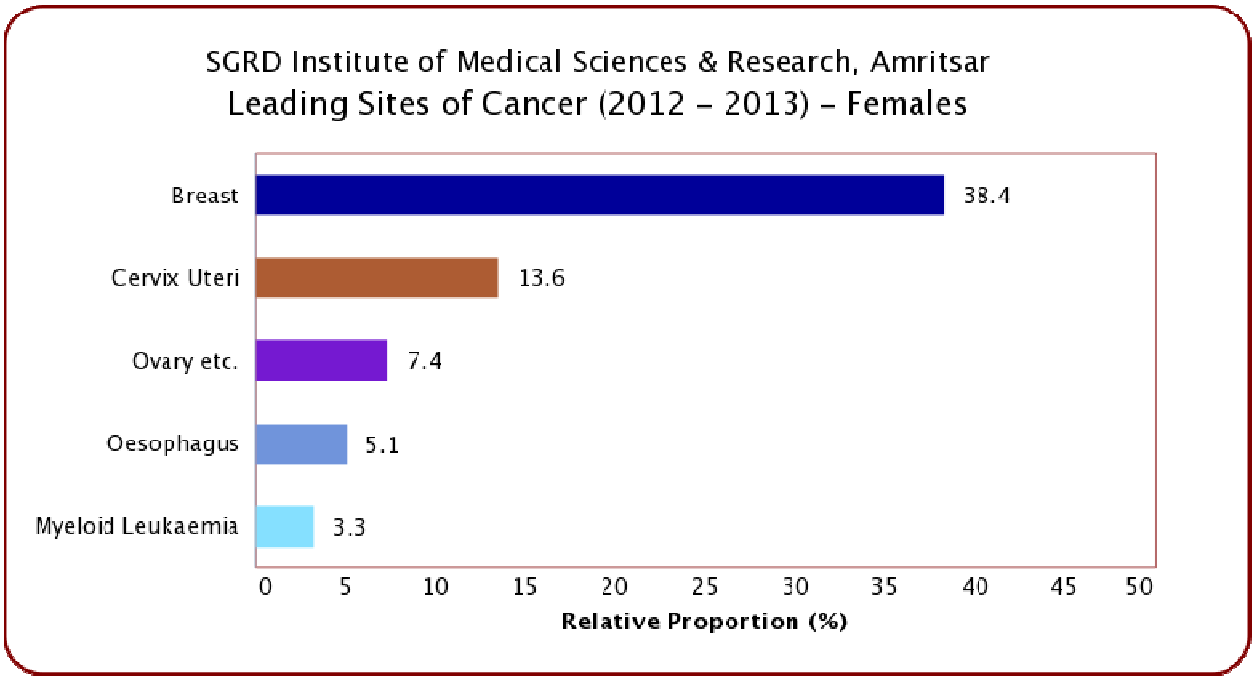
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Amritsar *(302)* | 52 | 31.5 | 186 | 38.6 | 238 | 36.8 |
| Gurdaspur *(301)* | 49 | 29.7 | 138 | 28.6 | 187 | 28.9 |
| Tarn Taran *(321)* | 35 | 21.2 | 69 | 14.3 | 104 | 16.1 |
| Hoshiarpur *(305)* | 9 | 5.5 | 24 | 5.0 | 33 | 5.1 |
| Jalandhar *(304)* | 8 | 4.8 | 23 | 4.8 | 31 | 4.8 |
| Kapurthala *(303)* | 8 | 4.8 | 16 | 3.3 | 24 | 3.7 |
| Other Districts | 2 | 1.2 | 13 | 2.7 | 15 | 2.3 |
| Cases other than Punjab | 2 | 1.2 | 13 | 2.7 | 15 | 2.3 |
| **Total Cases** | **165** | **100.0** | **482** | **100.0** | **647** | **100.0** |

## Figure 4.14: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# IVY Hospital, Mohali

*(Centre Code: 03030)*

## Table 4.15 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 193 | 173 | 366 |
| **2013** | 90 | 125 | 215 |
| **2012-2013** | **283** | **298** | **581** |

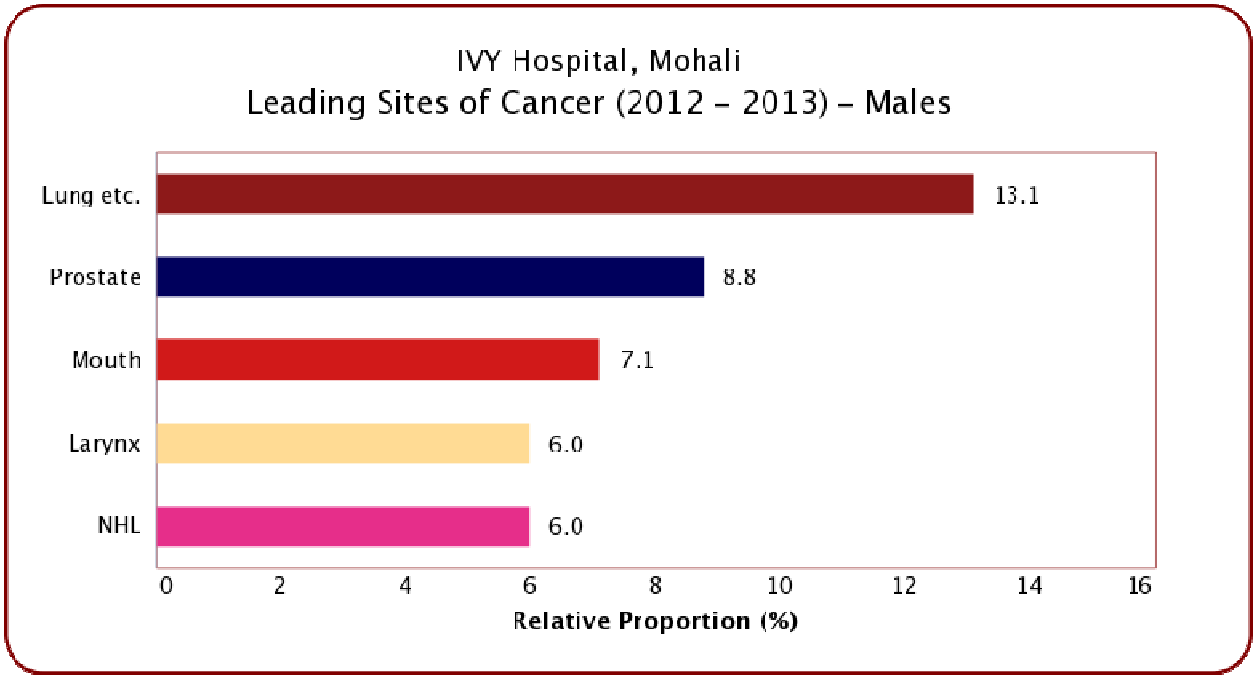
## Table 4.15 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

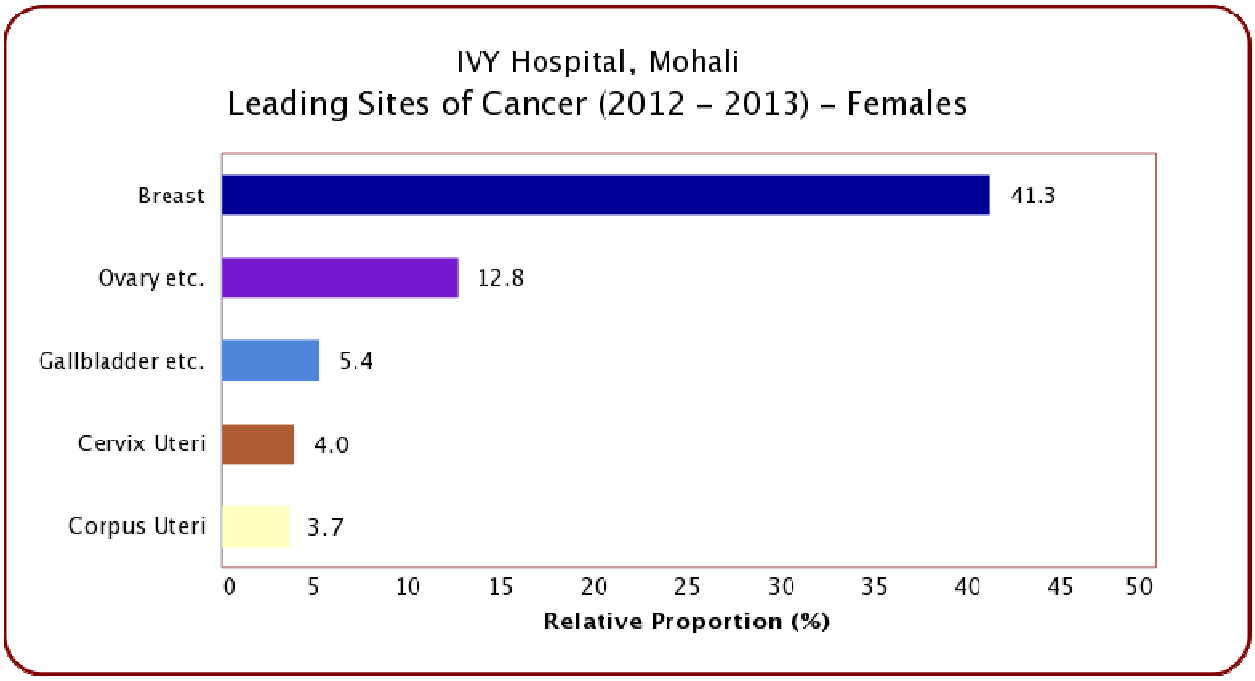
| Name of District | 2012 | | 2013 | | 2012-2013 | |
|---|---|---|---|---|---|---|
| *(With District Code)* | # | % | # | % | # | % |
| Mohali *(318)* | 68 | 18.6 | 30 | 14.0 | 98 | 16.9 |
| Patiala *(317)* | 20 | 5.5 | 15 | 7.0 | 35 | 6.0 |
| Rupnagar *(307)* | 12 | 3.3 | 6 | 2.8 | 18 | 3.1 |
| Ludhiana *(309)* | 5 | 1.4 | 12 | 5.6 | 17 | 2.9 |
| Fatehgarh Sahib *(308)* | 9 | 2.5 | 3 | 1.4 | 12 | 2.1 |
| Amritsar *(302)* | 7 | 1.9 | 4 | 1.9 | 11 | 1.9 |
| Sangrur *(316)* | 9 | 2.5 | 2 | 0.9 | 11 | 1.9 |
| Jalandhar *(304)* | 5 | 1.4 | 3 | 1.4 | 8 | 1.4 |
| Hoshiarpur *(305)* | 3 | 0.8 | 3 | 1.4 | 6 | 1.0 |
| Other Districts | 15 | 4.1 | 4 | 1.9 | 19 | 3.3 |
| Cases other than Punjab | 213 | 58.2 | 133 | 61.9 | 346 | 59.6 |
| **Total Cases** | **366** | **100.0** | **215** | **100.0** | **581** | **100.0** |

## Figure 4.15: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# Behgal Hospital, S.A.S. Nagar

*(Centre Code: 03084)*

## Table 4.16 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 183 | 112 | 295 |
| **2013** | 170 | 115 | 285 |
| **2012-2013** | **353** | **227** | **580** |

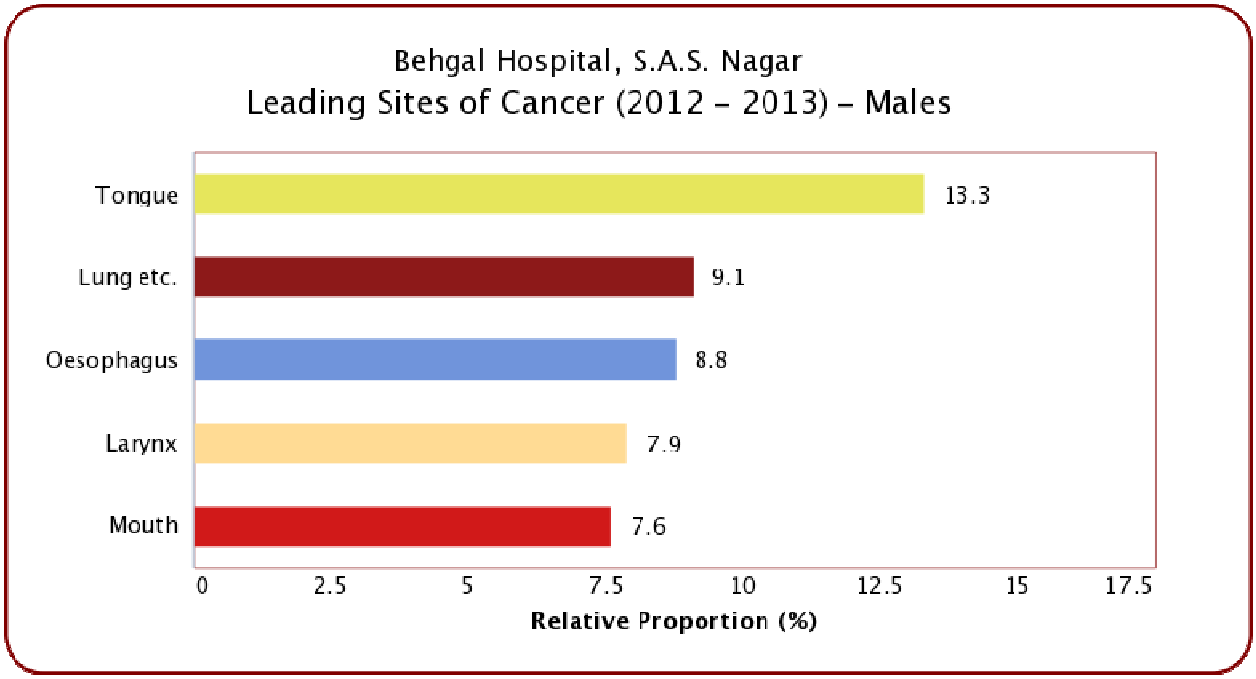
## Table 4.16 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

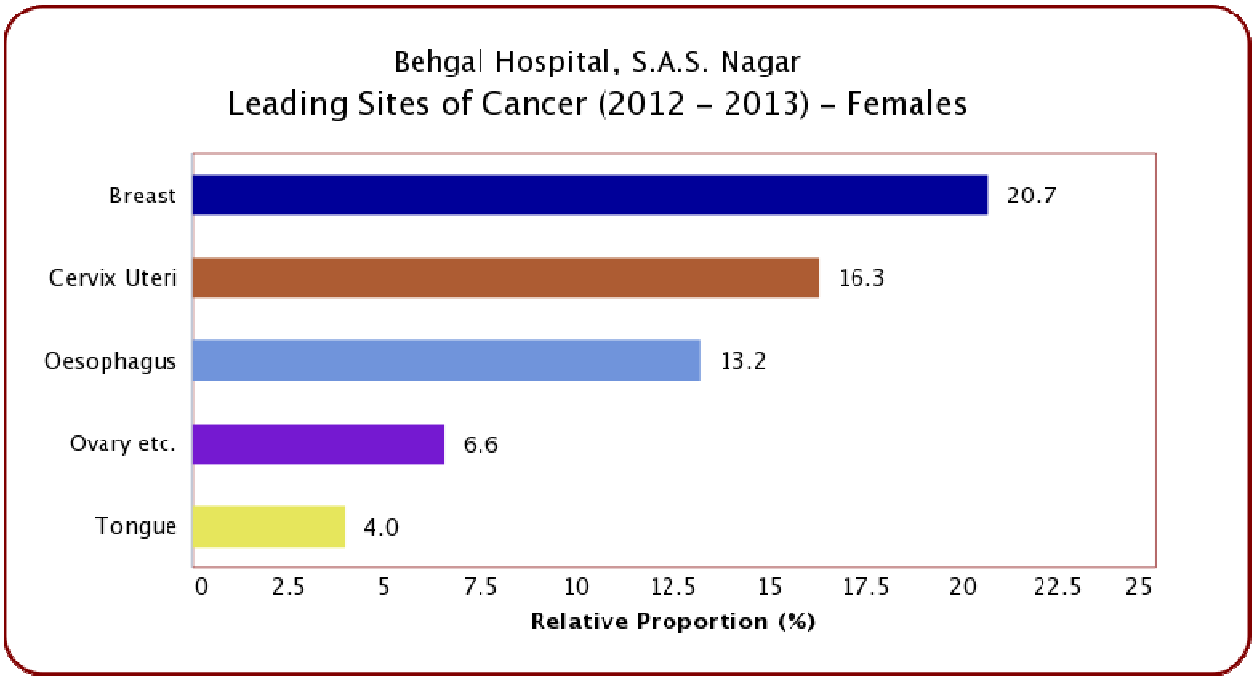
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Mohali *(318)* | 32 | 10.8 | 22 | 7.7 | 54 | 9.3 |
| Patiala *(317)* | 12 | 4.1 | 17 | 6.0 | 29 | 5.0 |
| Fatehgarh Sahib *(308)* | 11 | 3.7 | 14 | 4.9 | 25 | 4.3 |
| Rupnagar *(307)* | 20 | 6.8 | 4 | 1.4 | 24 | 4.1 |
| Ludhiana *(309)* | 7 | 2.4 | 11 | 3.9 | 18 | 3.1 |
| Hoshiarpur *(305)* | 5 | 1.7 | 4 | 1.4 | 9 | 1.6 |
| Sangrur *(316)* | - | - | 8 | 2.8 | 8 | 1.4 |
| Other Districts | 5 | 1.7 | 7 | 2.5 | 12 | 2.1 |
| Cases other than Punjab | 203 | 68.8 | 198 | 69.5 | 401 | 69.1 |
| **Total Cases** | **295** | **100.0** | **285** | **100.0** | **580** | **100.0** |

## Figure 4.16: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# Mittal Labs & Hormone Centre, Bathinda

*(Centre Code: 03010)*

## Table 4.17 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 52 | 134 | 186 |
| **2013** | 60 | 101 | 161 |
| **2012-2013** | **112** | **235** | **347** |

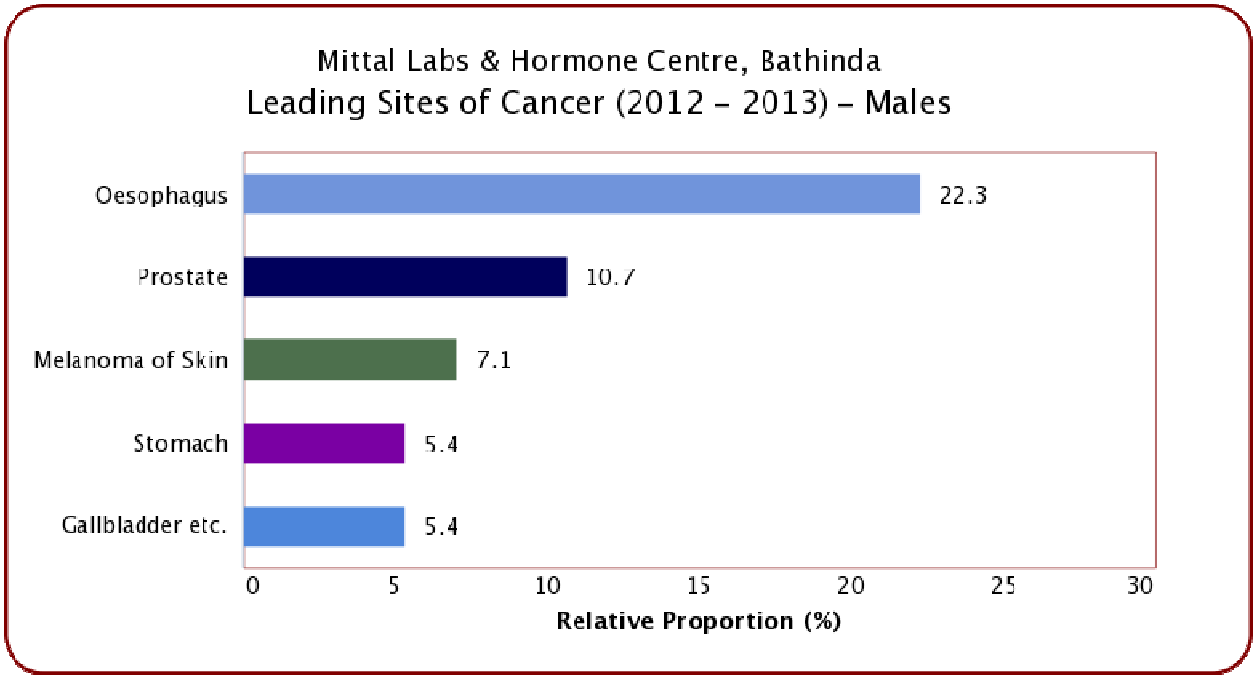
## Table 4.17 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

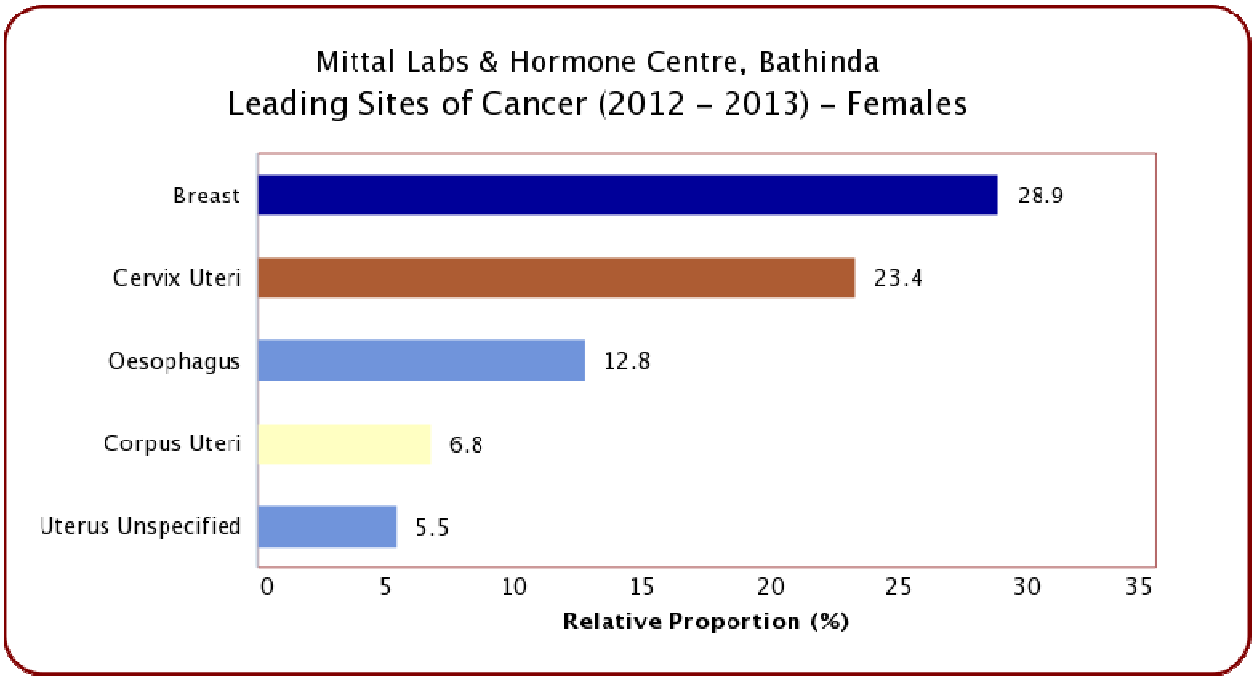
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Bathinda *(314)* | 70 | 37.6 | 71 | 44.1 | 141 | 40.6 |
| Muktsar *(312)* | 34 | 18.3 | 38 | 23.6 | 72 | 20.7 |
| Barnala *(320)* | 17 | 9.1 | 26 | 16.1 | 43 | 12.4 |
| Faridkot *(313)* | 17 | 9.1 | 9 | 5.6 | 26 | 7.5 |
| Mansa *(315)* | 20 | 10.8 | 5 | 3.1 | 25 | 7.2 |
| Firozpur *(311)* | 11 | 5.9 | 4 | 2.5 | 14 | 4.0 |
| Moga *(310)* | 6 | 3.2 | 3 | 1.9 | 10 | 2.9 |
| Sangrur *(316)* | 4 | 2.2 | 1 | 0.6 | 5 | 1.4 |
| Cases other than Punjab | 7 | 3.8 | 4 | 2.5 | 11 | 3.2 |
| **Total Cases** | **186** | **100.0** | **161** | **100.0** | **347** | **100.0** |

## Figure 4.17: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# Ashok Clinical Laboratory, Patiala

*(Centre Code: 03004)*

## Table 4.18 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 52 | 86 | 138 |
| **2013** | 45 | 69 | 114 |
| **2012-2013** | **97** | **155** | **252** |

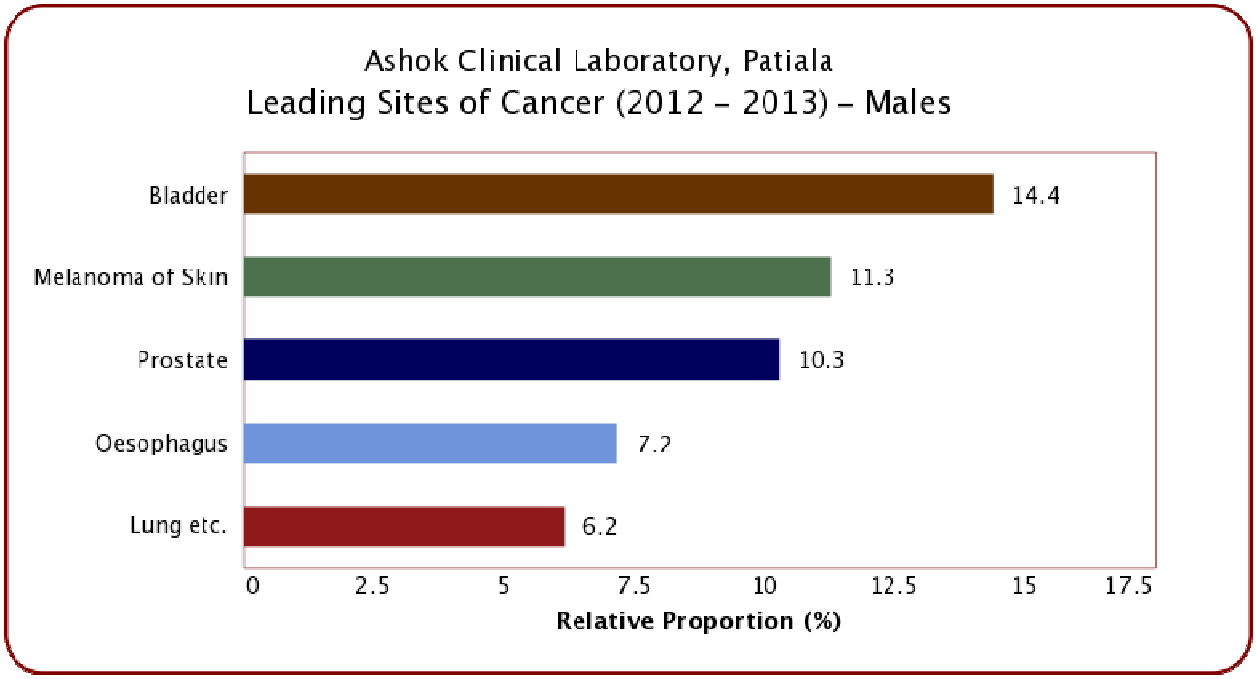
## Table 4.18 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

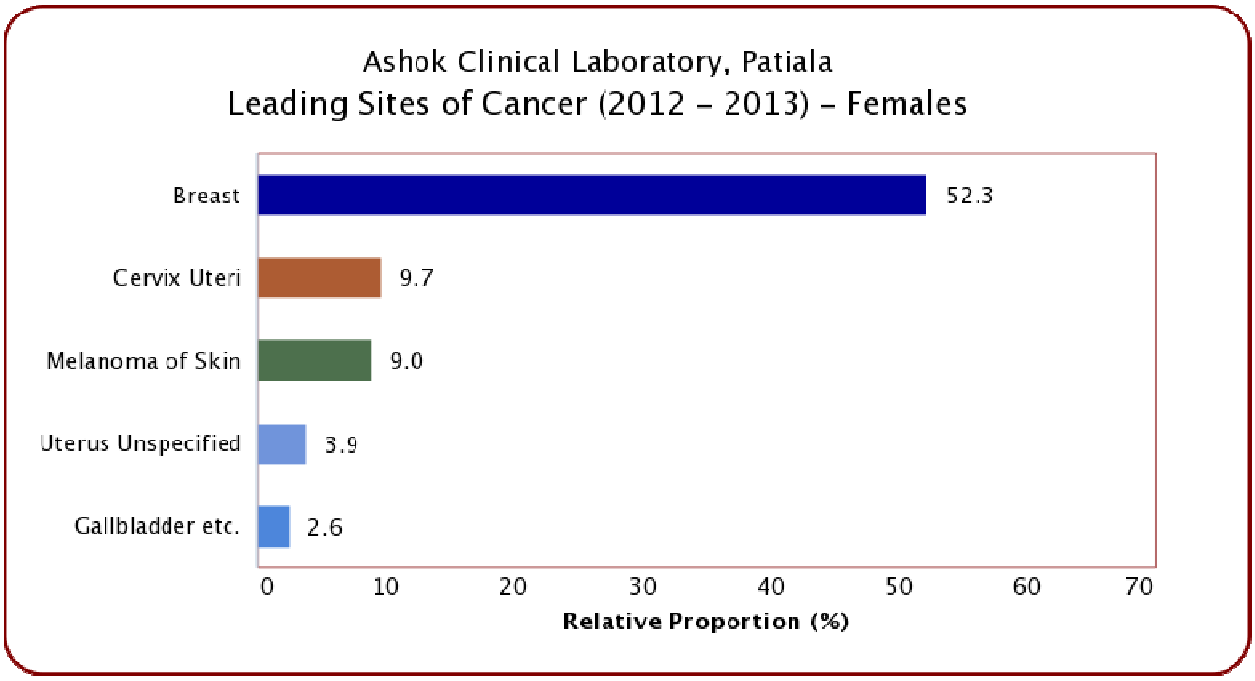
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Patiala *(317)* | 114 | 82.6 | 75 | 65.8 | 189 | 75.0 |
| Sangrur *(316)* | 8 | 5.8 | 13 | 11.4 | 21 | 8.3 |
| Others - Punjab *(399)* | - | - | 18 | 15.8 | 18 | 7.1 |
| Moga *(310)* | 11 | 8.0 | 5 | 4.4 | 16 | 6.3 |
| Fatehgarh Sahib *(308)* | 2 | 1.4 | 1 | 0.9 | 3 | 1.2 |
| Mansa *(315)* | 1 | 0.7 | 2 | 1.8 | 3 | 1.2 |
| Other Districts | 2 | 1.4 | - | - | 2 | 0.8 |
| **Total Cases** | **138** | **100.0** | **114** | **100.0** | **252** | **100.0** |

## Figure 4.18: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# Adesh Institute of Medical Sciences and Research, Bathinda

*(Centre Code: 03001)*

## Table 4.19 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 59 | 66 | 125 |
| **2013** | 39 | 44 | 83 |
| **2012-2013** | **98** | **110** | **208** |

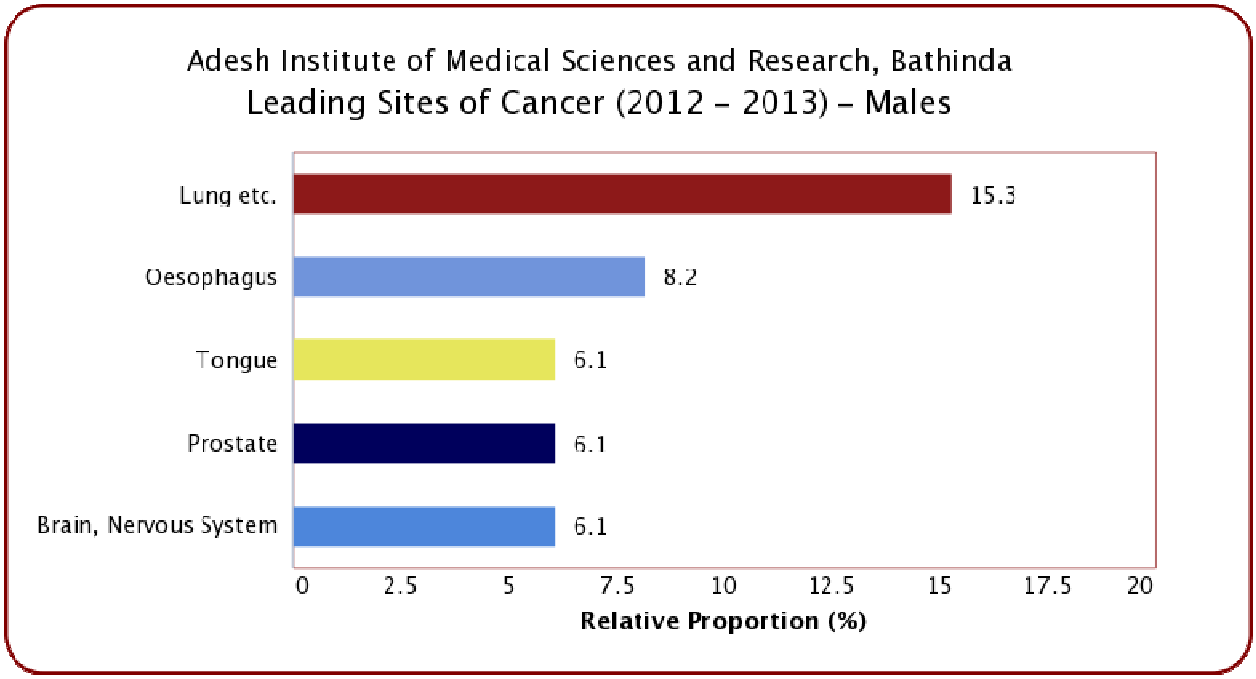
## Table 4.19 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

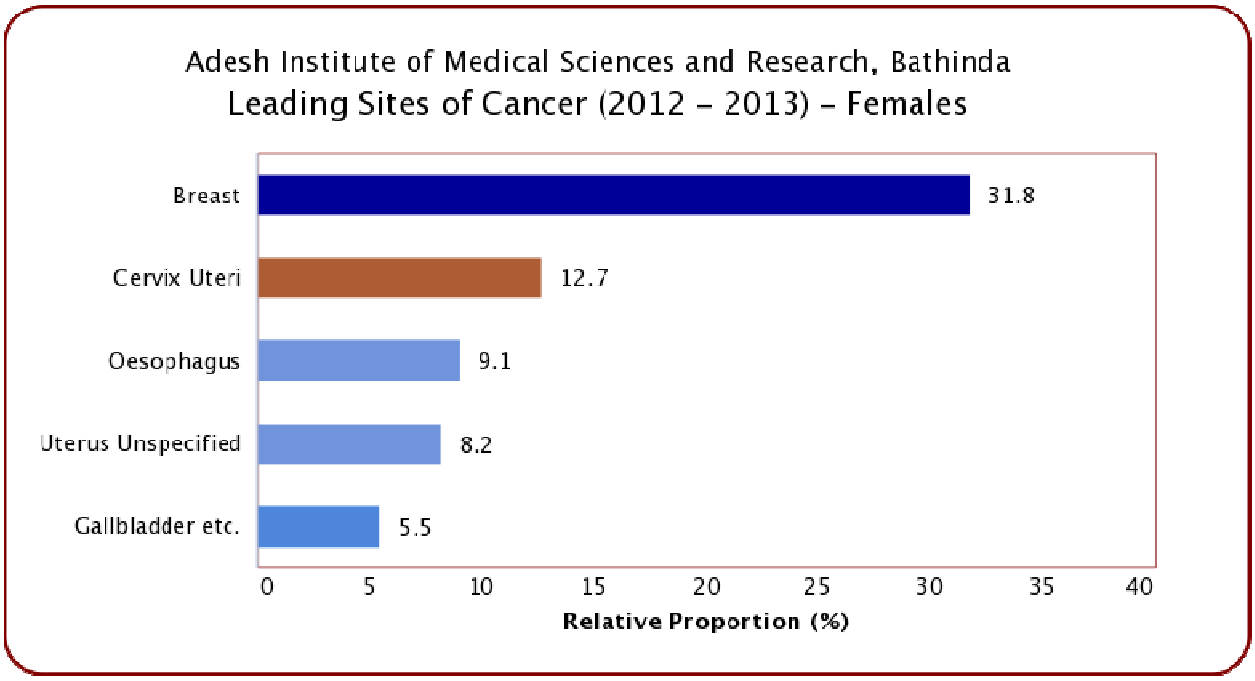
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Muktsar *(312)* | 52 | 41.6 | 21 | 25.3 | 73 | 35.1 |
| Firozpur *(311)* | 35 | 28.0 | 35 | 42.2 | 70 | 33.7 |
| Faridkot *(313)* | 12 | 9.6 | 4 | 4.8 | 16 | 7.7 |
| Bathinda *(314)* | 7 | 5.6 | 7 | 8.4 | 14 | 6.7 |
| Moga *(310)* | 10 | 8.0 | 1 | 1.2 | 11 | 5.3 |
| Sangrur *(316)* | 2 | 1.6 | 2 | 2.4 | 4 | 1.9 |
| Mansa *(315)* | 1 | 0.8 | 2 | 2.4 | 3 | 1.4 |
| Barnala *(320)* | - | - | 2 | 2.4 | 2 | 1.0 |
| Ludhiana *(309)* | - | - | 2 | 2.4 | 2 | 1.0 |
| Other Districts | 2 | 1.6 | - | - | 2 | 1.0 |
| Cases other than Punjab | 4 | 3.2 | 7 | 8.4 | 11 | 5.3 |
| **Total Cases** | **125** | **100.0** | **83** | **100.0** | **208** | **100.0** |

## Figure 4.19: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# Punjab Institute of Medical Sciences, Jalandhar

*(Centre Code: 03086)*

## Table 4.20 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 65 | 62 | 127 |
| **2013** | 41 | 35 | 76 |
| **2012-2013** | **106** | **97** | **203** |

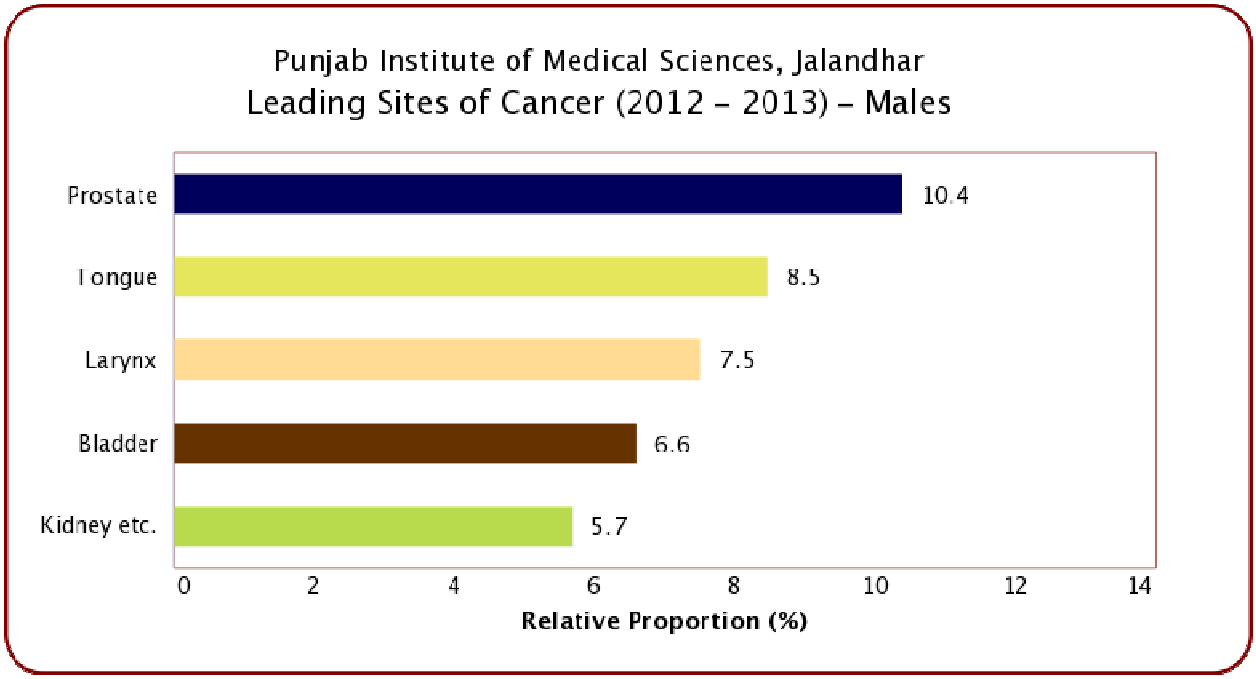
## Table 4.20 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

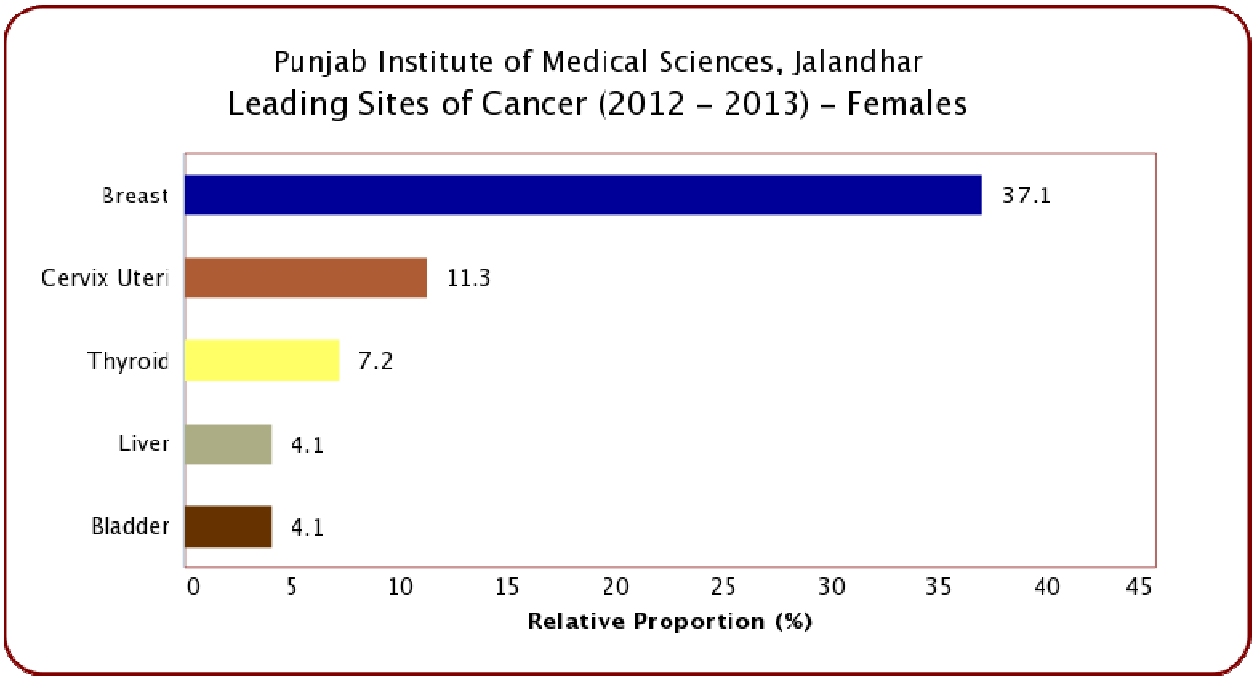
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Jalandhar *(304)* | 114 | 89.8 | 63 | 82.9 | 177 | 87.2 |
| Kapurthala *(303)* | 6 | 4.7 | 4 | 5.3 | 10 | 4.9 |
| Hoshiarpur *(305)* | 3 | 2.4 | 6 | 7.9 | 9 | 4.4 |
| Amritsar *(302)* | 1 | 0.8 | 1 | 1.3 | 2 | 1.0 |
| Other Districts | - | - | 2 | 2.6 | 2 | 1.0 |
| Cases other than Punjab | 3 | 2.4 | - | - | 3 | 1.5 |
| **Total Cases** | **127** | **100.0** | **76** | **100.0** | **203** | **100.0** |

## Figure 4.20: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# PGIMER, Chandigarh

*(Centre Code: 539)*

## Table 4.21 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 1004 | 925 | 1929 |
| **2013** | 1092 | 954 | 2046 |
| **2012-2013** | **2096** | **1879** | **3975** |

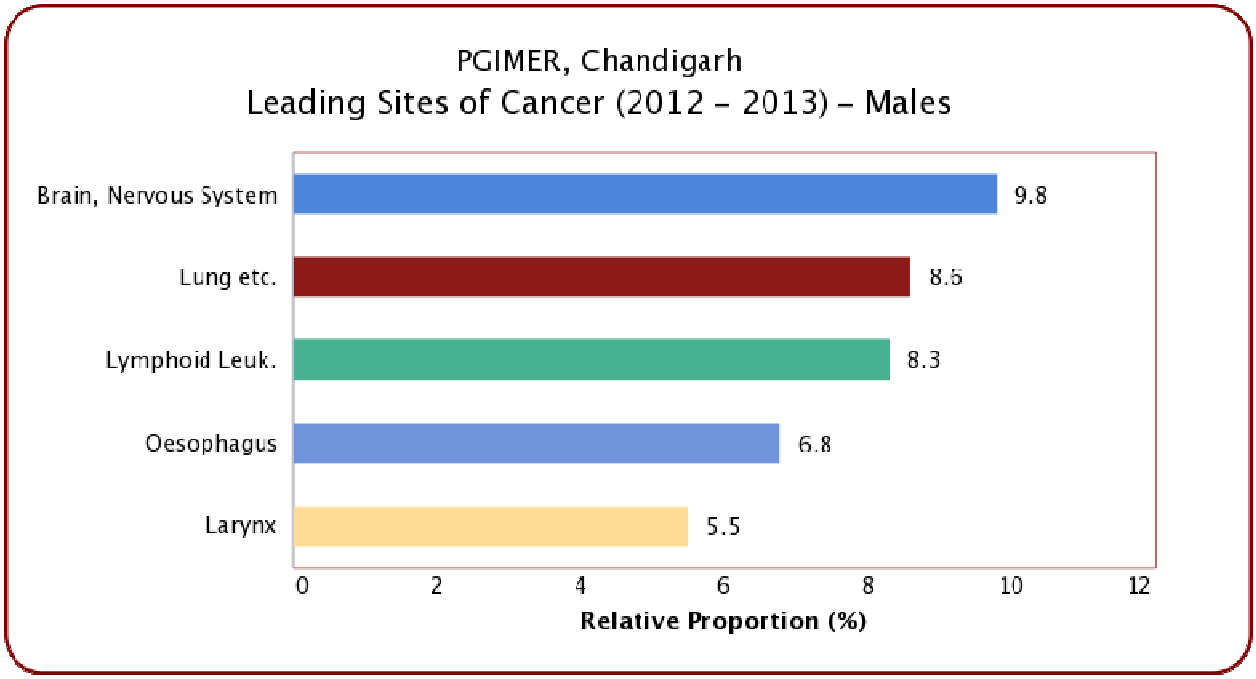
## Table 4.21 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

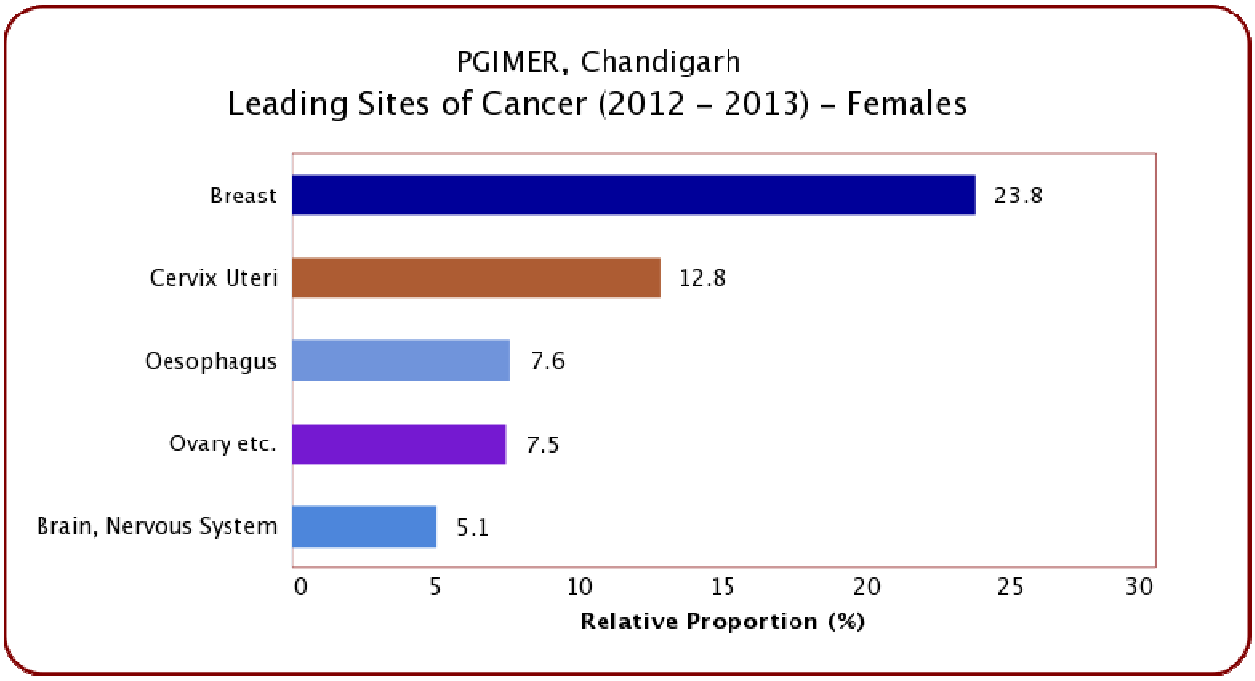
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Mohali *(318)* | 390 | 20.2 | 357 | 17.4 | 747 | 18.8 |
| Patiala *(317)* | 239 | 12.4 | 237 | 11.6 | 476 | 12.0 |
| Rupnagar *(307)* | 188 | 9.7 | 218 | 10.7 | 406 | 10.2 |
| Ludhiana *(309)* | 189 | 9.8 | 189 | 9.2 | 378 | 9.5 |
| Hoshiarpur *(305)* | 125 | 6.5 | 161 | 7.9 | 286 | 7.2 |
| Sangrur *(316)* | 114 | 5.9 | 131 | 6.4 | 245 | 6.2 |
| SBS Nagar *(306)* | 89 | 4.6 | 118 | 5.8 | 207 | 5.2 |
| Jalandhar *(304)* | 102 | 5.3 | 93 | 4.5 | 195 | 4.9 |
| Fatehgarh Sahib *(308)* | 89 | 4.6 | 91 | 4.4 | 180 | 4.5 |
| Gurdaspur *(301)* | 74 | 3.8 | 87 | 4.3 | 161 | 4.1 |
| Bathinda *(314)* | 60 | 3.1 | 61 | 3.0 | 121 | 3.0 |
| Firozpur *(311)* | 51 | 2.6 | 55 | 2.7 | 106 | 2.7 |
| Mansa *(315)* | 36 | 1.9 | 54 | 2.6 | 90 | 2.3 |
| Amritsar *(302)* | 41 | 2.1 | 43 | 2.1 | 84 | 2.1 |
| Barnala *(320)* | 38 | 2.0 | 24 | 1.2 | 62 | 1.6 |
| Kapurthala *(303)* | 28 | 1.5 | 34 | 1.7 | 62 | 1.6 |
| Moga *(310)* | 25 | 1.3 | 37 | 1.8 | 62 | 1.6 |
| Muktsar *(312)* | 24 | 1.2 | 27 | 1.3 | 51 | 1.3 |
| Other Districts | 27 | 1.4 | 29 | 1.4 | 56 | 1.4 |
| **Total Cases** | **1929** | **100.0** | **2046** | **100.0** | **3975** | **100.0** |

## Figure 4.21: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# Acharya Tulsi Regional Cancer Treatment and Research Institute, Bikaner

*(Centre Code: 530)*

## Table 4.22 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 269 | 311 | 580 |
| **2013** | 384 | 359 | 743 |
| **2012-2013** | **653** | **670** | **1323** |

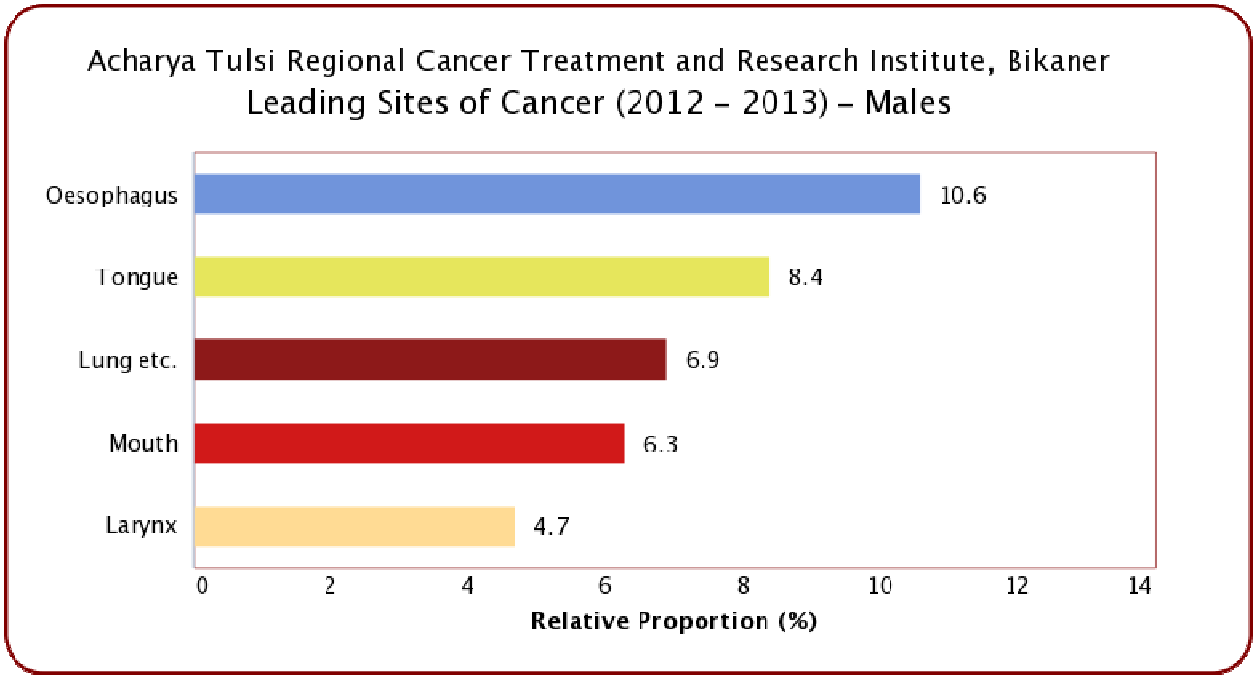
## Table 4.22 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

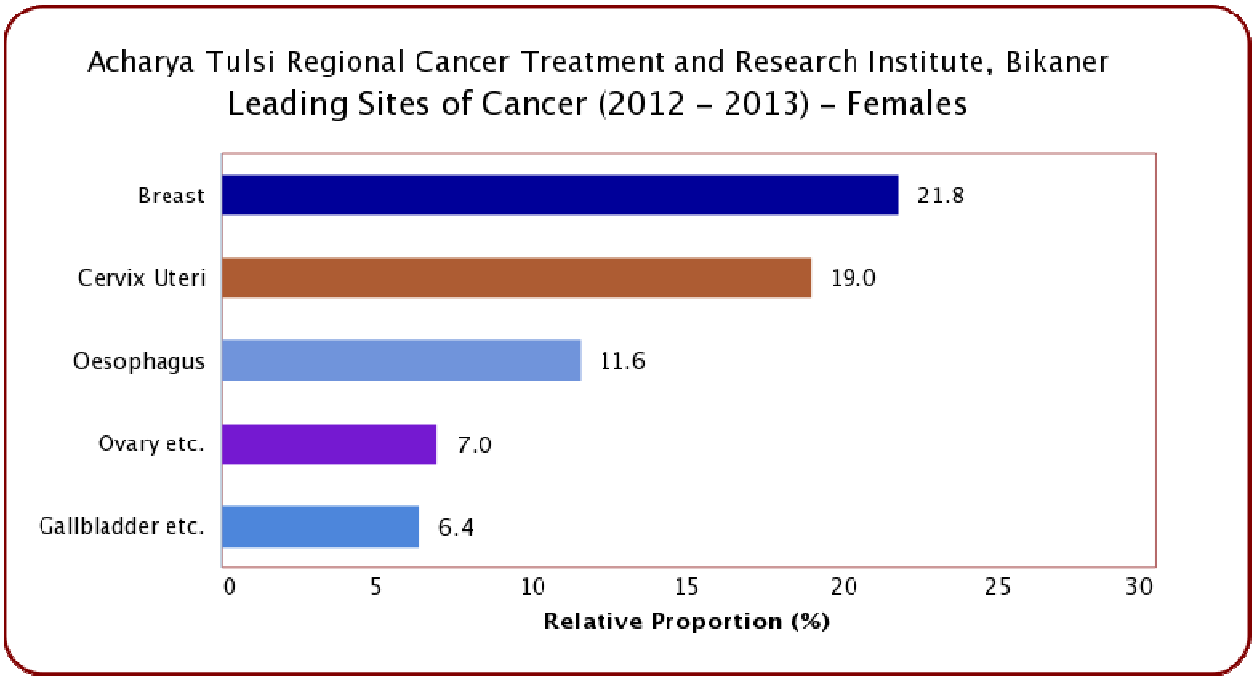
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Firozpur *(311)* | 132 | 22.8 | 178 | 24.0 | 310 | 23.4 |
| Bathinda *(314)* | 84 | 14.5 | 127 | 17.1 | 211 | 15.9 |
| Sangrur *(316)* | 74 | 12.8 | 74 | 10.0 | 148 | 11.2 |
| Muktsar *(312)* | 66 | 11.4 | 81 | 10.9 | 147 | 11.1 |
| Mansa *(315)* | 40 | 6.9 | 67 | 9.0 | 107 | 8.1 |
| Ludhiana *(309)* | 32 | 5.5 | 34 | 4.6 | 66 | 5.0 |
| Barnala *(320)* | 18 | 3.1 | 35 | 4.7 | 53 | 4.0 |
| Moga *(310)* | 29 | 5.0 | 24 | 3.2 | 53 | 4.0 |
| Jalandhar *(304)* | 23 | 4.0 | 27 | 3.6 | 50 | 3.8 |
| Patiala *(317)* | 22 | 3.8 | 25 | 3.4 | 47 | 3.6 |
| Faridkot *(313)* | 15 | 2.6 | 20 | 2.7 | 35 | 2.6 |
| Hoshiarpur *(305)* | 10 | 1.7 | 11 | 1.5 | 21 | 1.6 |
| Kapurthala *(303)* | 10 | 1.7 | 9 | 1.2 | 19 | 1.4 |
| Mohali *(318)* | 12 | 2.1 | 6 | 0.8 | 18 | 1.4 |
| Other Districts | 13 | 2.2 | 25 | 3.4 | 38 | 2.9 |
| **Total Cases** | **580** | **100.0** | **743** | **100.0** | **1323** | **100.0** |

## Figure 4.22: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# Govt. Medical College & Hospital, Chandigarh

*(Centre Code: 04001)*

## Table 4.23 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 196 | 252 | 448 |
| **2013** | 185 | 265 | 450 |
| **2012-2013** | **381** | **517** | **898** |

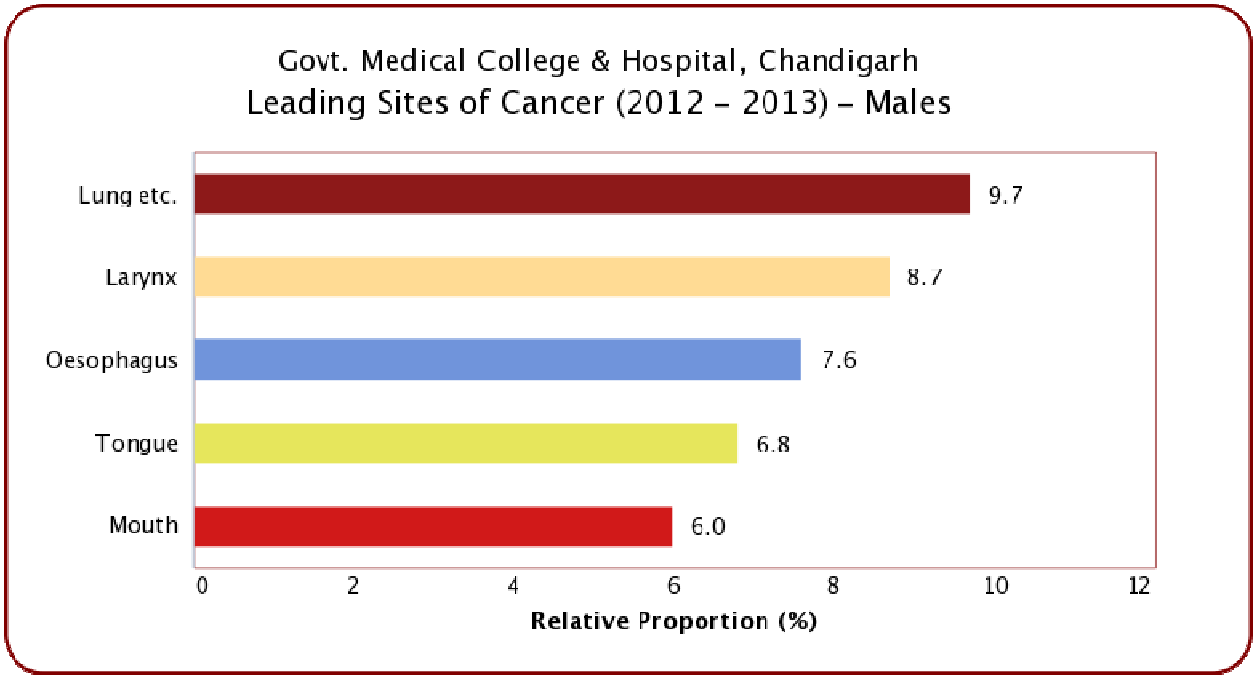
## Table 4.23 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

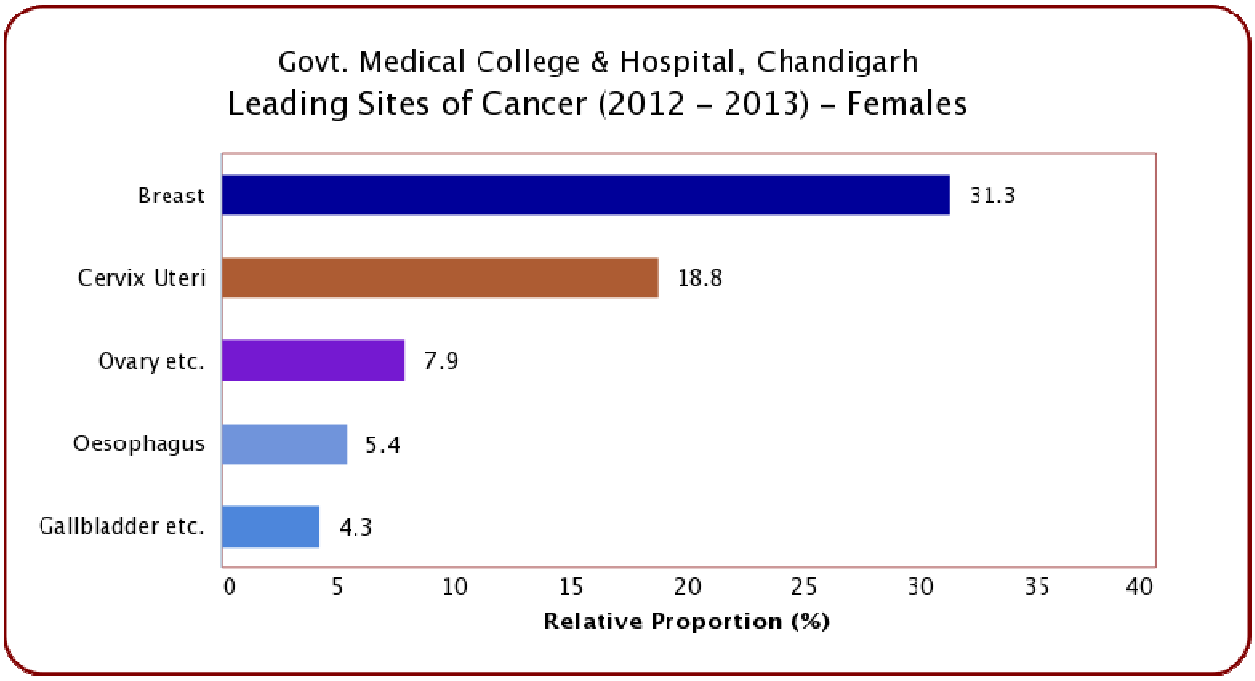
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Mohali *(318)* | 131 | 29.2 | 123 | 27.3 | 254 | 28.3 |
| Patiala *(317)* | 67 | 15.0 | 66 | 14.7 | 133 | 14.8 |
| Ludhiana *(309)* | 56 | 12.5 | 48 | 10.7 | 104 | 11.6 |
| Rupnagar *(307)* | 44 | 9.8 | 55 | 12.2 | 99 | 11.0 |
| Fatehgarh Sahib *(308)* | 33 | 7.4 | 41 | 9.1 | 74 | 8.2 |
| Sangrur *(316)* | 25 | 5.6 | 13 | 2.9 | 38 | 4.2 |
| Hoshiarpur *(305)* | 18 | 4.0 | 17 | 3.8 | 35 | 3.9 |
| Gurdaspur *(301)* | 19 | 4.2 | 14 | 3.1 | 33 | 3.7 |
| SBS Nagar *(306)* | 6 | 1.3 | 16 | 3.6 | 22 | 2.4 |
| Firozpur *(311)* | 8 | 1.8 | 10 | 2.2 | 18 | 2.0 |
| Mansa *(315)* | 9 | 2.0 | 8 | 1.8 | 17 | 1.9 |
| Bathinda *(314)* | 5 | 1.1 | 11 | 2.4 | 16 | 1.8 |
| Jalandhar *(304)* | 10 | 2.2 | 4 | 0.9 | 14 | 1.6 |
| Barnala *(320)* | 5 | 1.1 | 8 | 1.8 | 13 | 1.4 |
| Amritsar *(302)* | 5 | 1.1 | 4 | 0.9 | 9 | 1.0 |
| Other Districts | 7 | 1.6 | 12 | 2.7 | 19 | 2.1 |
| **Total Cases** | **448** | **100.0** | **450** | **100.0** | **898** | **100.0** |

## Figure 4.23: Five Leading Sites of Cancer – (2012-2013)

### Males




### Females



# Rajiv Gandhi Cancer Institute and Research Centre, New Delhi

*(Centre Code: 541)*

## Table 4.24 (a): Summary of Number of Cancers

| Year | Males | Females | Total |
|---|---|---|---|
| **2012** | 193 | 185 | 378 |
| **2013** | 158 | 163 | 321 |
| **2012-2013** | **351** | **348** | **699** |

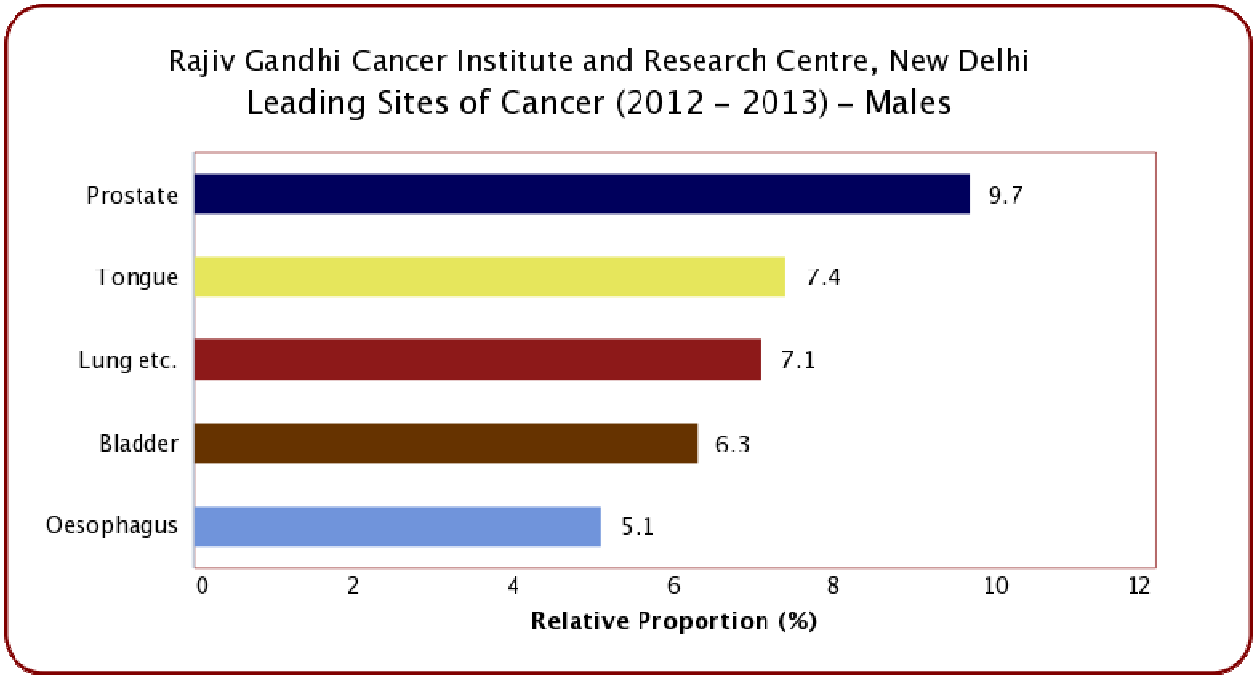
## Table 4.24 (b): District-wise Distribution of Cancers (2012-2013)

*Number (#) and Relative Proportion (%)*

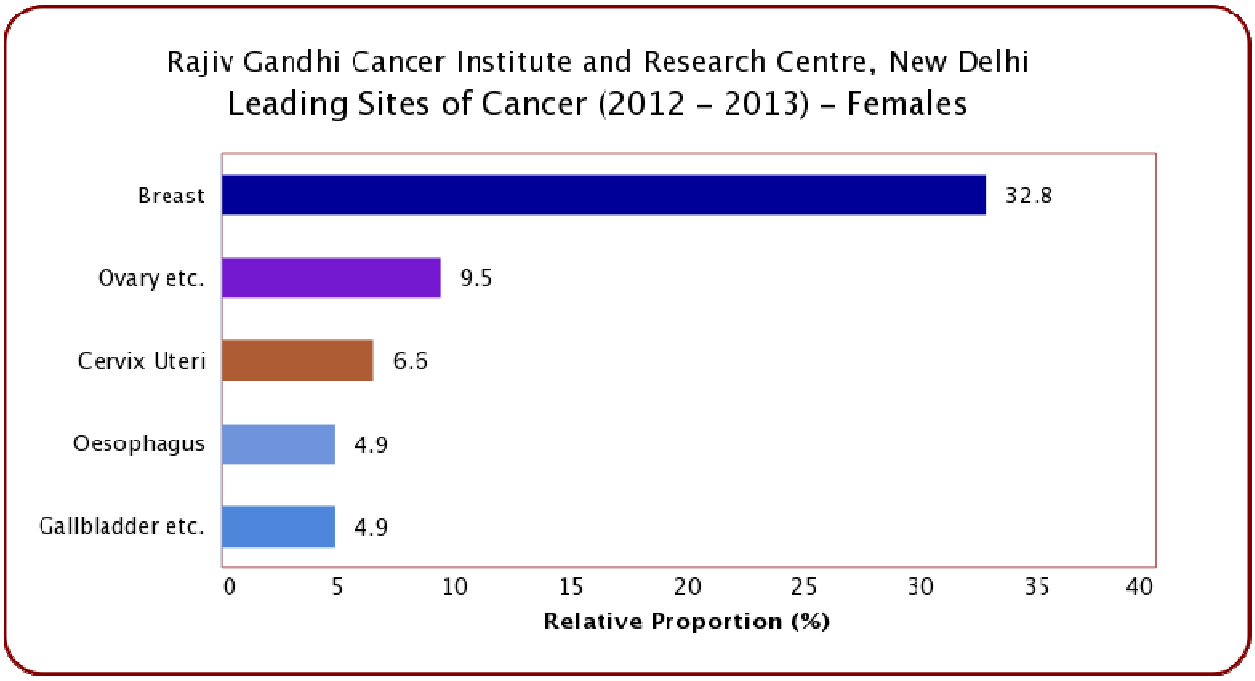
| **Name of District** | **2012** | | **2013** | | **2012-2013** | |
|---|---|---|---|---|---|---|
| *(With District Code)* | **#** | **%** | **#** | **%** | **#** | **%** |
| Amritsar *(302)* | 61 | 16.1 | 46 | 14.3 | 107 | 15.3 |
| Ludhiana *(309)* | 51 | 13.5 | 43 | 13.4 | 94 | 13.4 |
| Jalandhar *(304)* | 51 | 13.5 | 35 | 10.9 | 86 | 12.3 |
| Patiala *(317)* | 39 | 10.3 | 27 | 8.4 | 66 | 9.4 |
| Bathinda *(314)* | 31 | 8.2 | 22 | 6.9 | 53 | 7.6 |
| Firozpur *(311)* | 20 | 5.3 | 28 | 8.7 | 48 | 6.9 |
| Gurdaspur *(301)* | 25 | 6.6 | 23 | 7.2 | 48 | 6.9 |
| Sangrur *(316)* | 13 | 3.4 | 12 | 3.7 | 25 | 3.6 |
| Hoshiarpur *(305)* | 11 | 2.9 | 13 | 4.0 | 24 | 3.4 |
| Mohali *(318)* | 16 | 4.2 | 7 | 2.2 | 23 | 3.3 |
| Barnala *(320)* | 9 | 2.4 | 12 | 3.7 | 21 | 3.0 |
| Mansa *(315)* | 8 | 2.1 | 12 | 3.7 | 20 | 2.9 |
| Muktsar *(312)* | 6 | 1.6 | 10 | 3.1 | 16 | 2.3 |
| Kapurthala *(303)* | 8 | 2.1 | 6 | 1.9 | 14 | 2.0 |
| Fatehgarh Sahib *(308)* | 5 | 1.3 | 7 | 2.2 | 12 | 1.7 |
| Faridkot *(313)* | 7 | 1.9 | 4 | 1.2 | 11 | 1.6 |
| Moga *(310)* | 5 | 1.3 | 4 | 1.2 | 9 | 1.3 |
| SBS Nagar *(306)* | 5 | 1.3 | 3 | 0.9 | 8 | 1.1 |
| Tarn Taran *(321)* | 3 | 0.8 | 5 | 1.6 | 8 | 1.1 |
| Rupnagar *(307)* | 4 | 1.1 | 2 | 0.6 | 6 | 0.9 |
| **Total Cases** | **378** | **100.0** | **321** | **100.0** | **699** | **100.0** |

## Figure 4.24: Five Leading Sites of Cancer – (2012-2013)

### Males

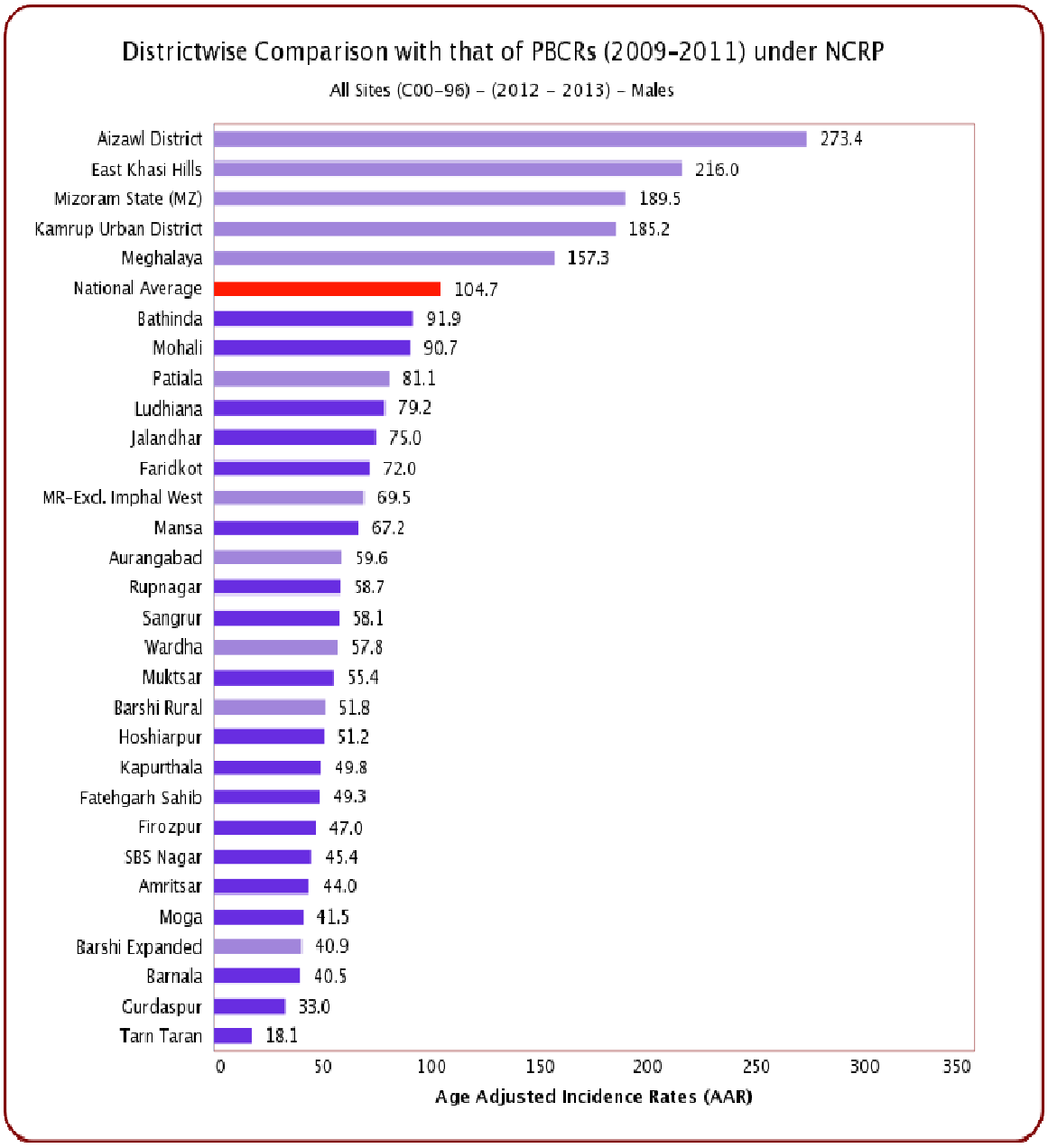



### Females



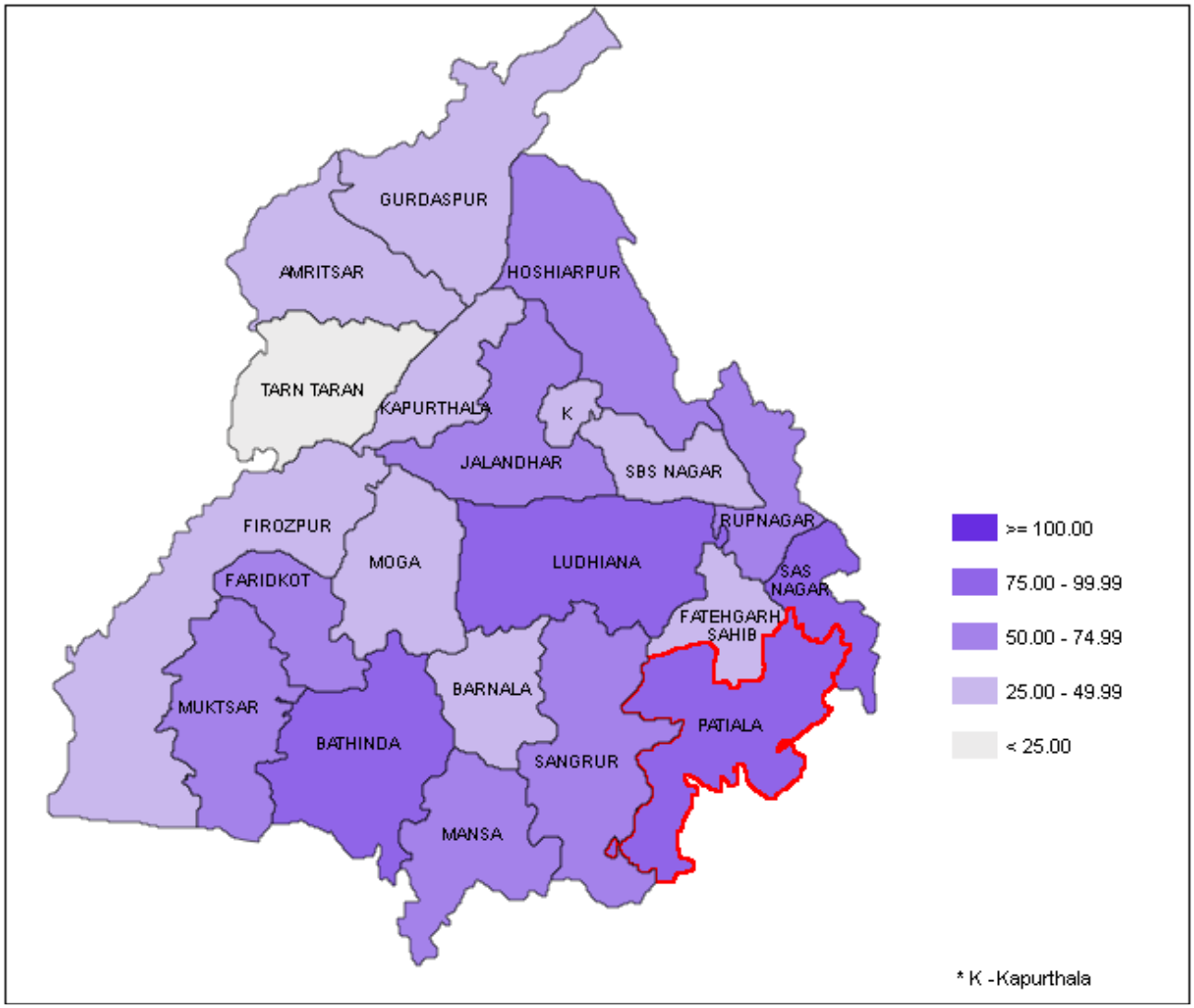
## Figure 5.1(a): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### All Sites (ICD-10: C00-C96) - Males



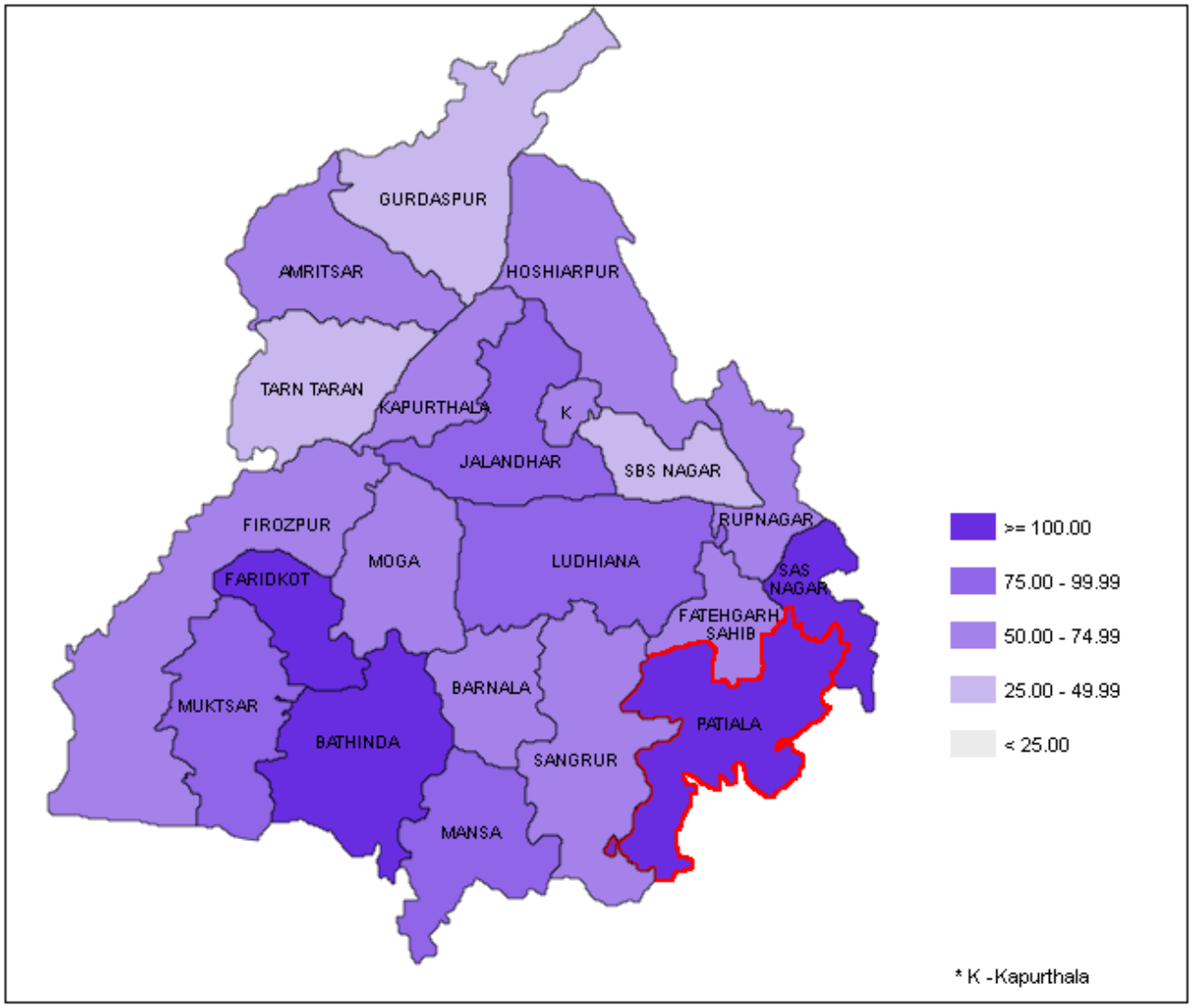
## Figure 5.1(a) District wise Distribution of Age Adjusted Rate

### All Sites (ICD-10: C00-C96) 2012-2013 – Males



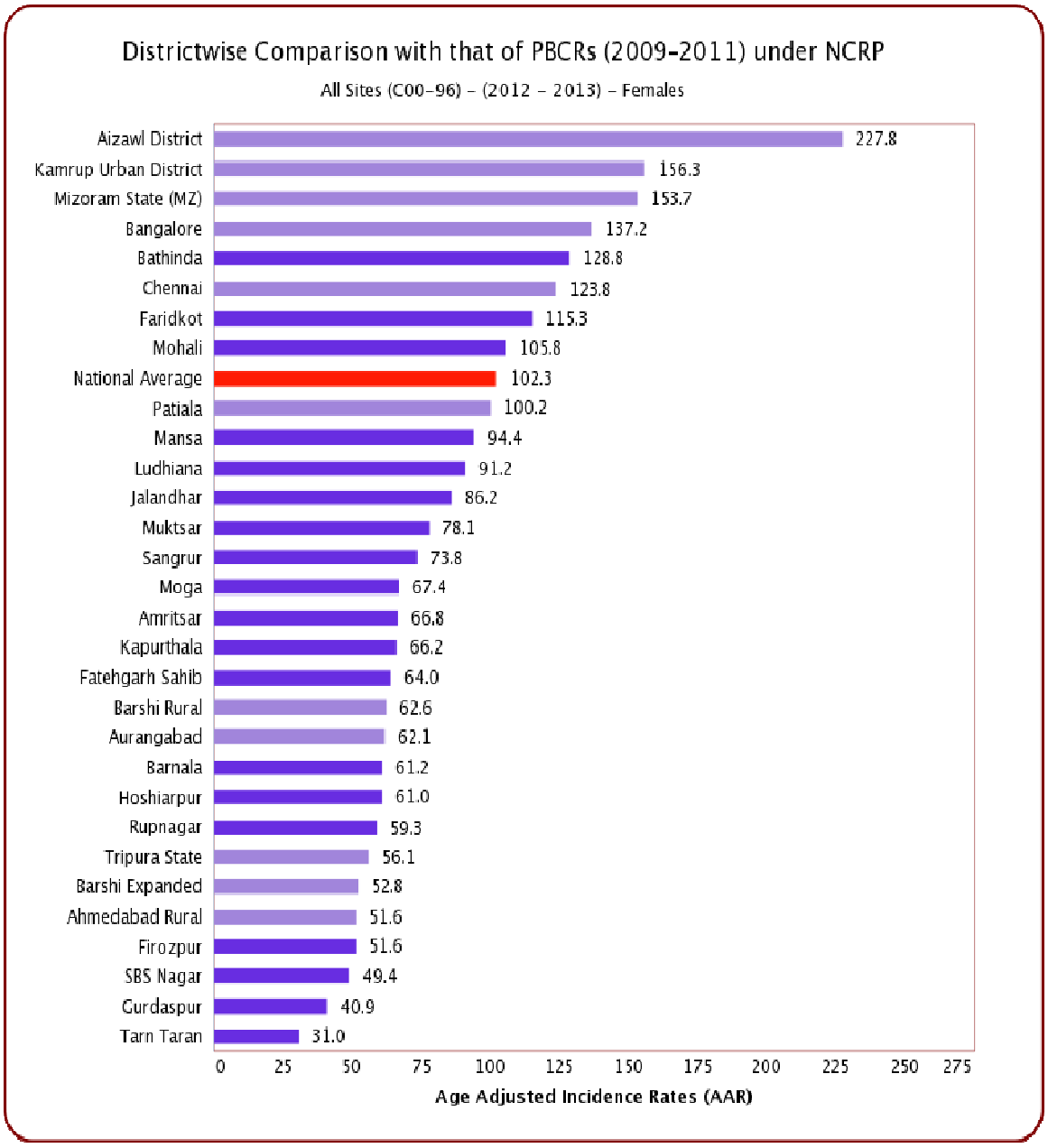
## Figure 5.1(b) District wise Distribution of Age Adjusted Rate

### All Sites (ICD-10: C00-C96) 2012-2013 – Females



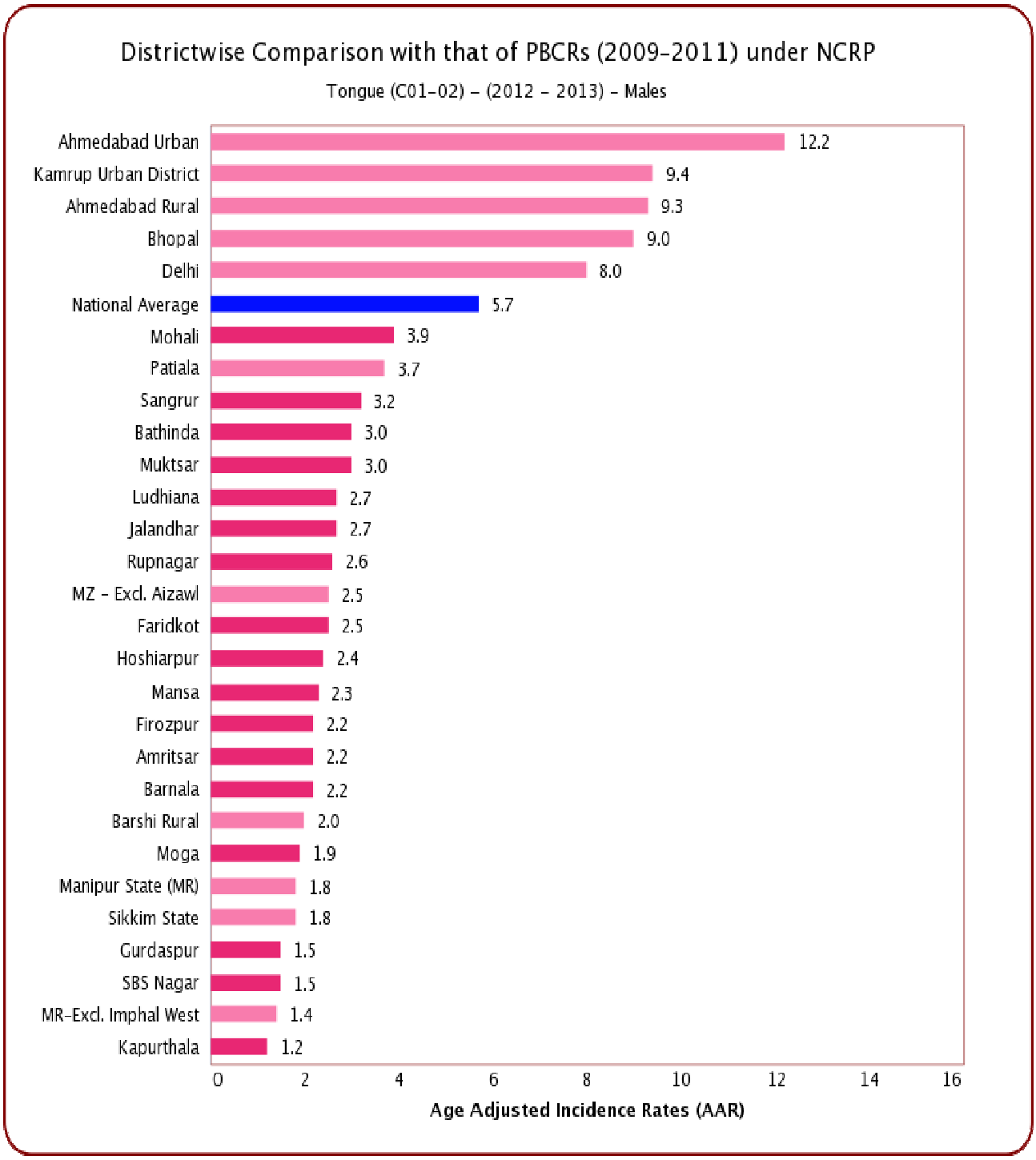
## Figure 5.1(b): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### All Sites (ICD-10: C00-C96) - Females



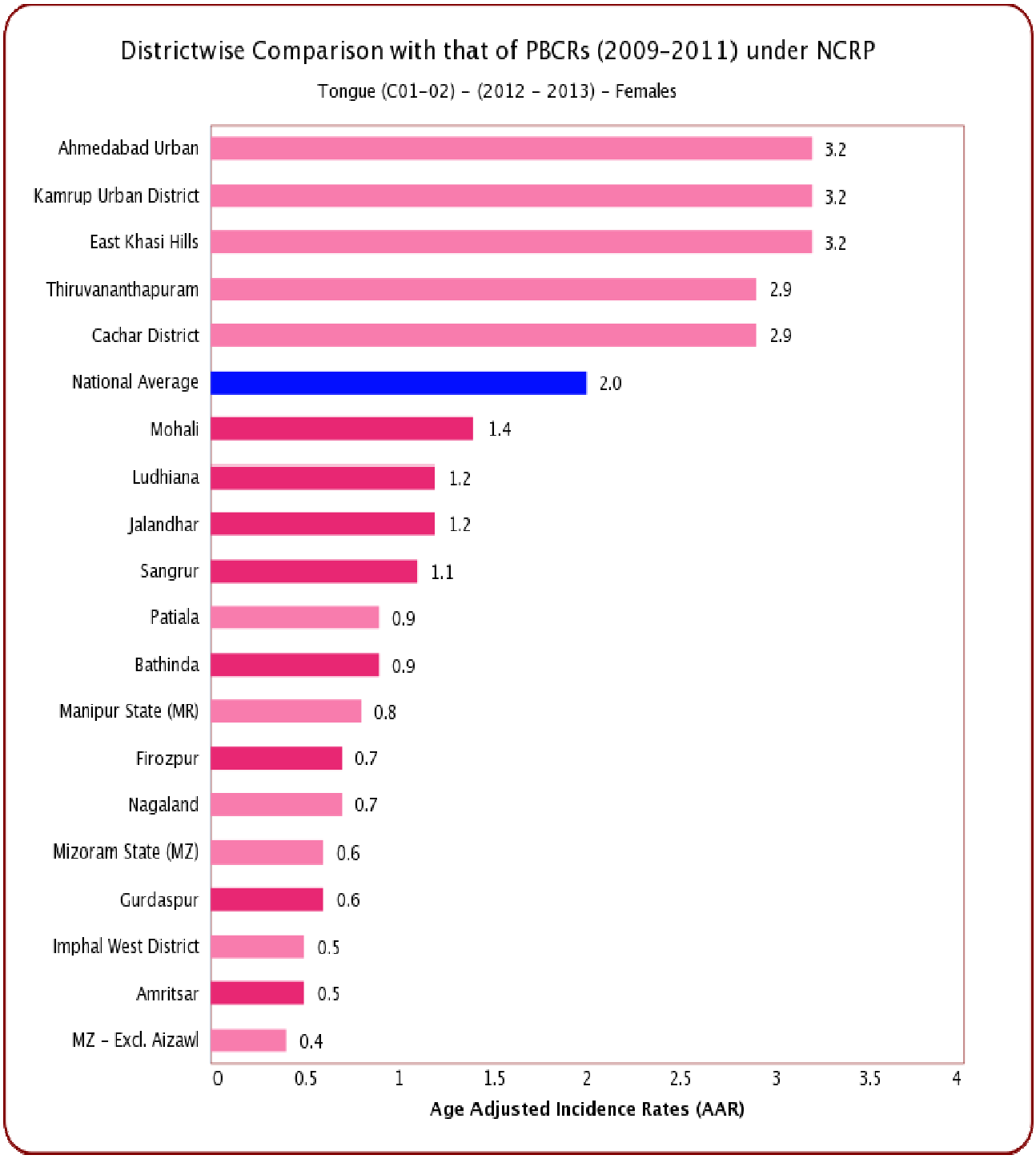
## Figure 5.2(a): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Tongue (ICD-10: C01-C02) - Males



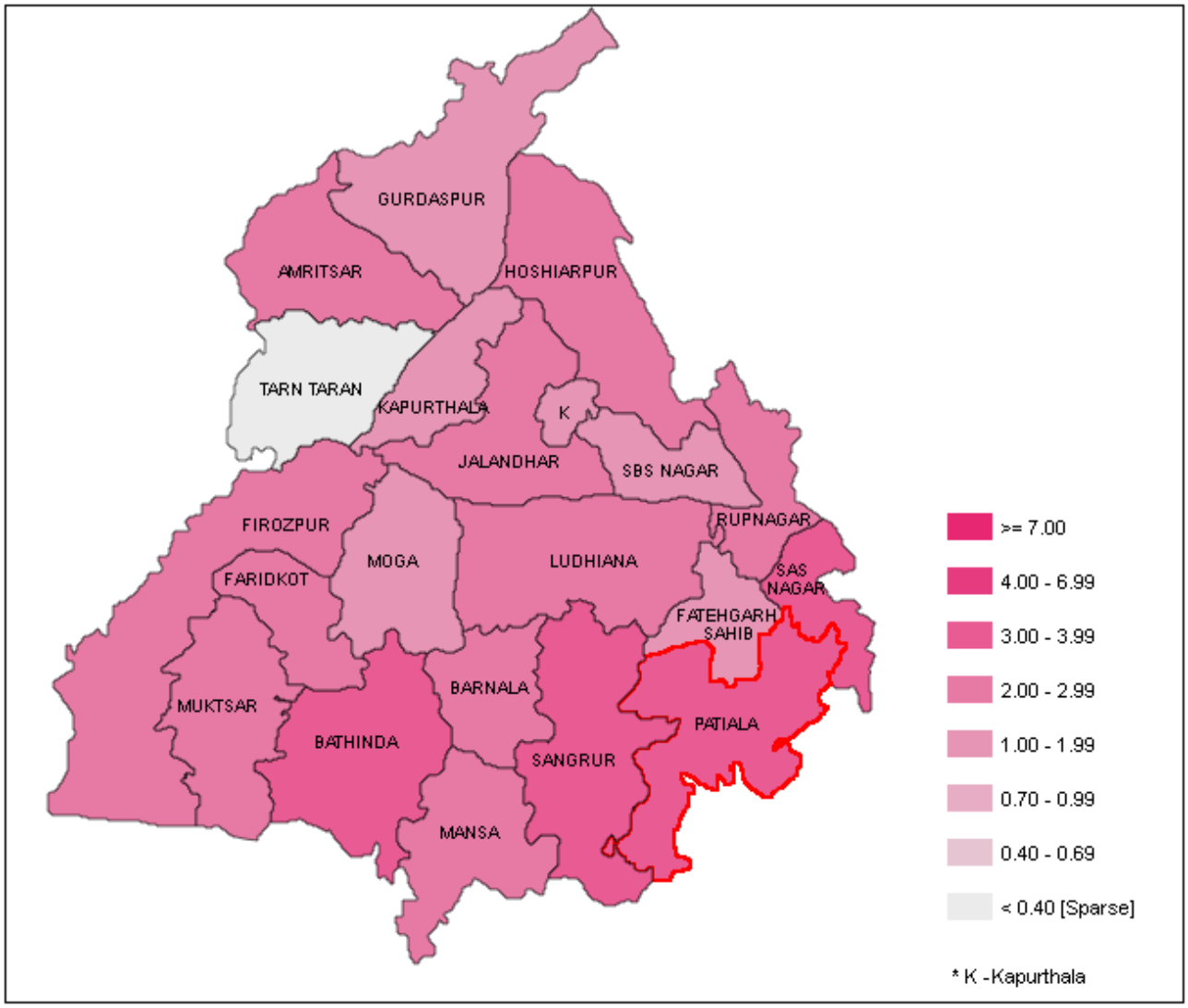
## Figure 5.2(b): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Tongue (ICD-10: C01-C02) - Females



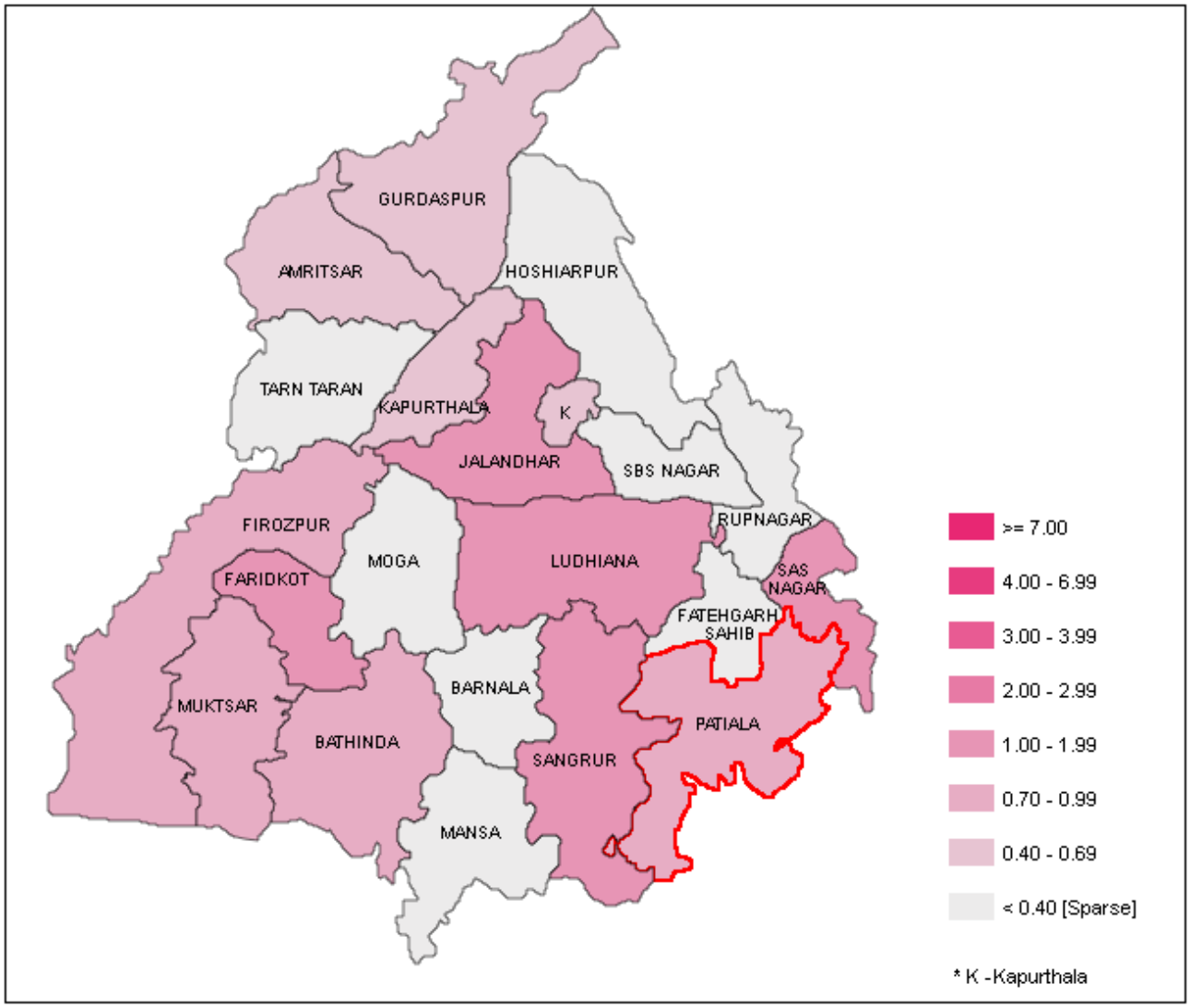
## Map 5.2(a) District wise Distribution of Age Adjusted Rate

### Tongue (ICD-10: C01-C02) 2012-2013 – Males



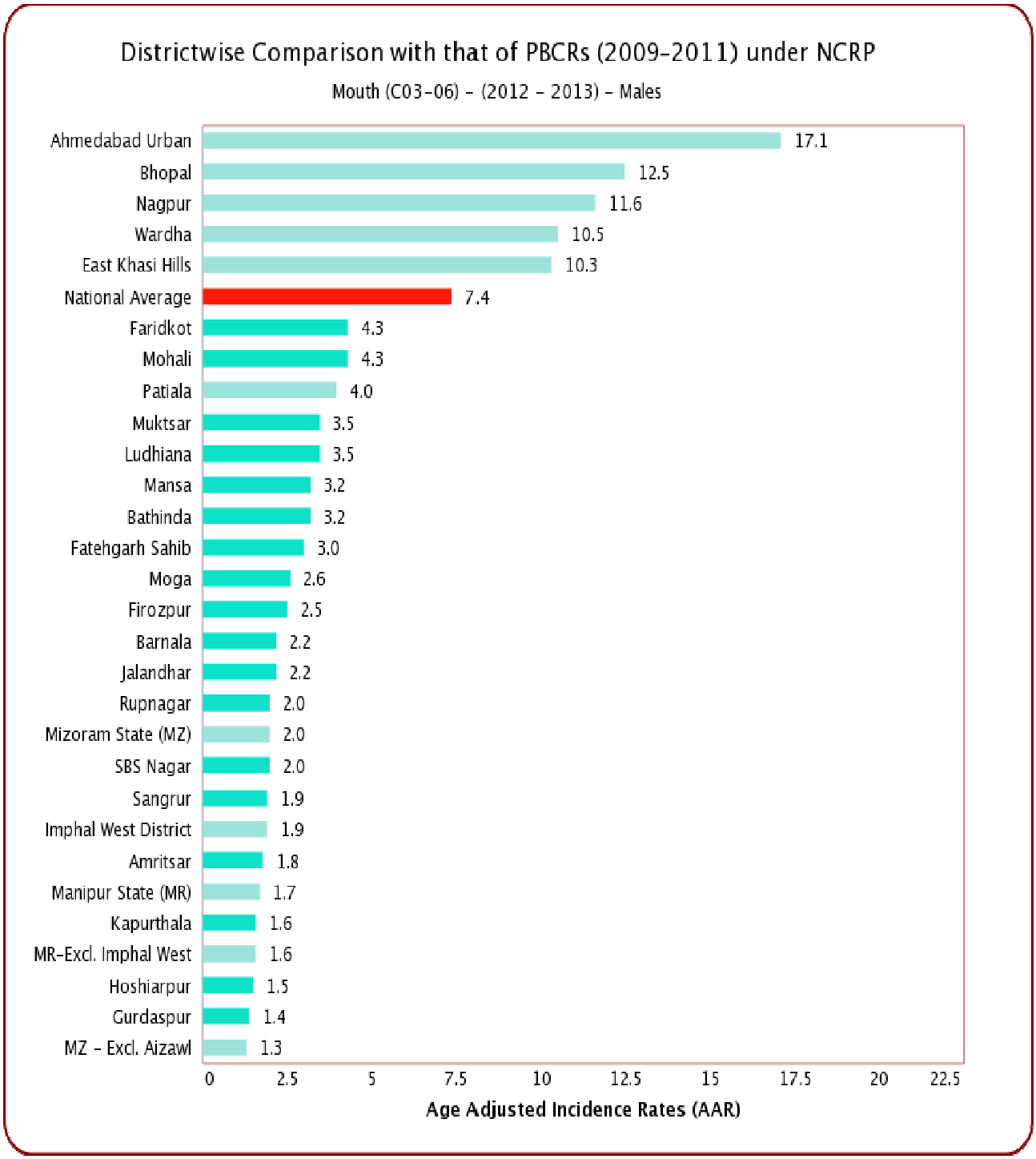
## Map 5.2(b) District wise Distribution of Age Adjusted Rate

### Tongue (ICD-10: C01-C02) 2012-2013 – Females



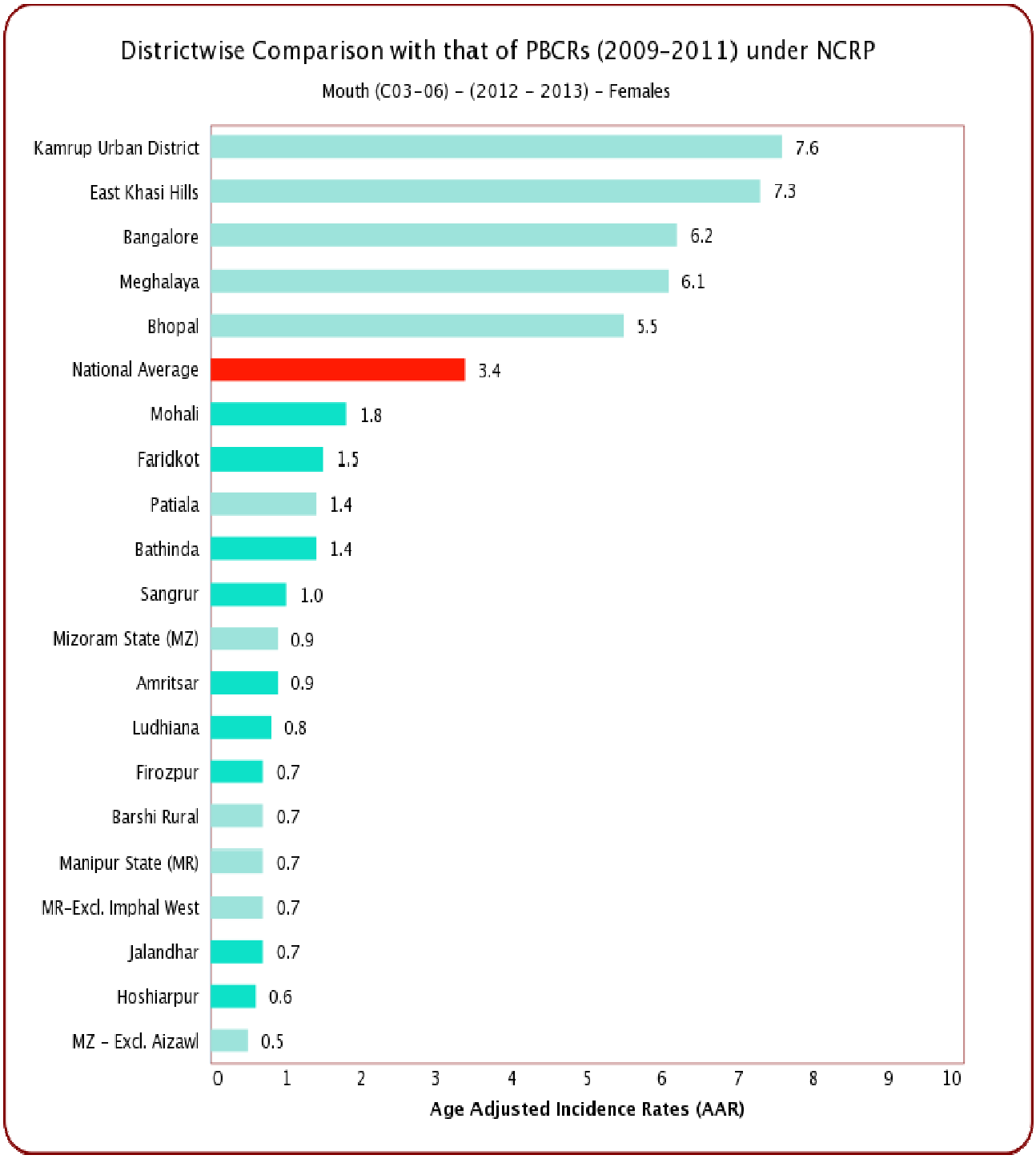
## Figure 5.3(a): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Mouth (ICD-10: C03-C06) - Males



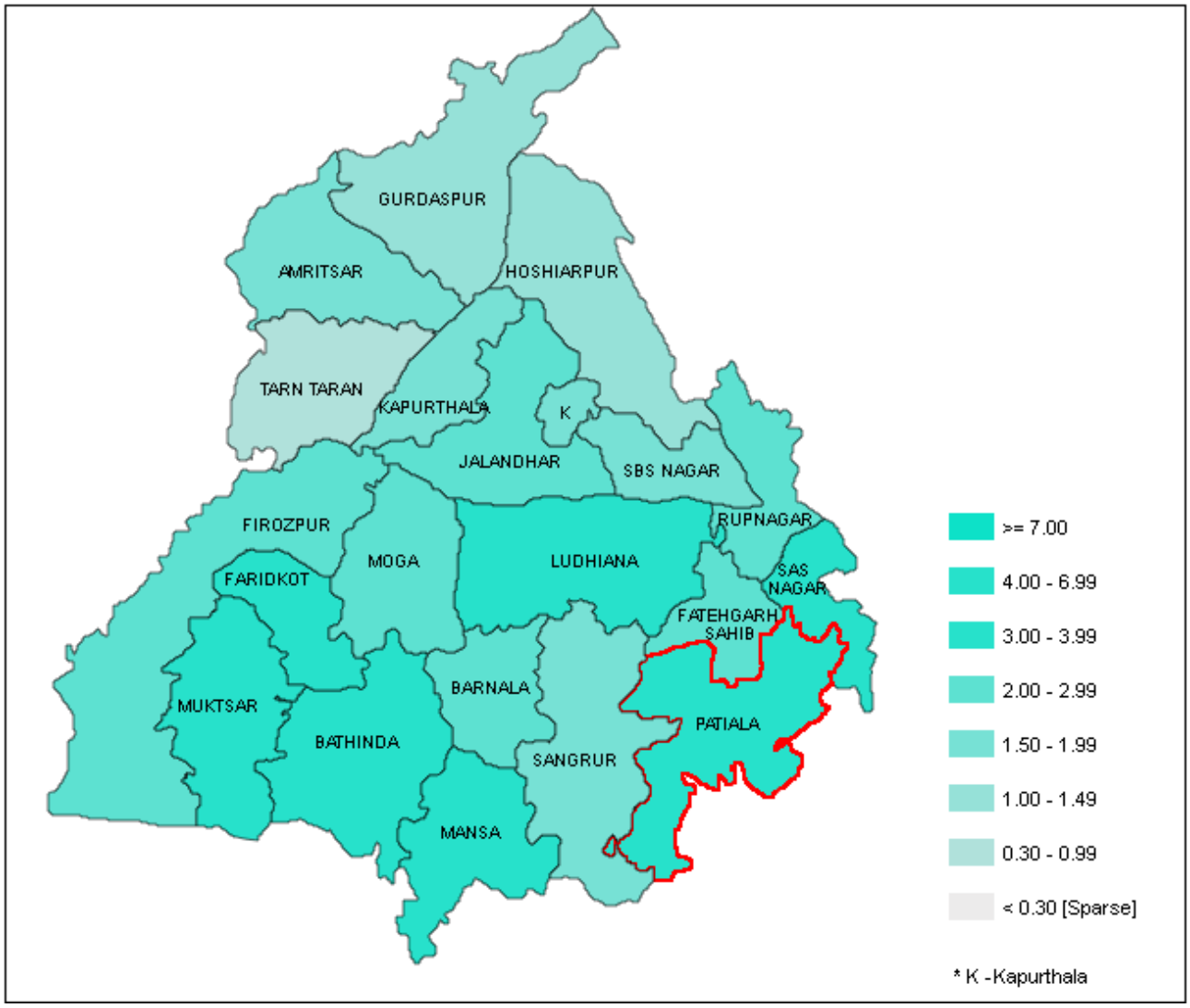
## Figure 5.3(b): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Mouth (ICD-10: C03-C06) - Females



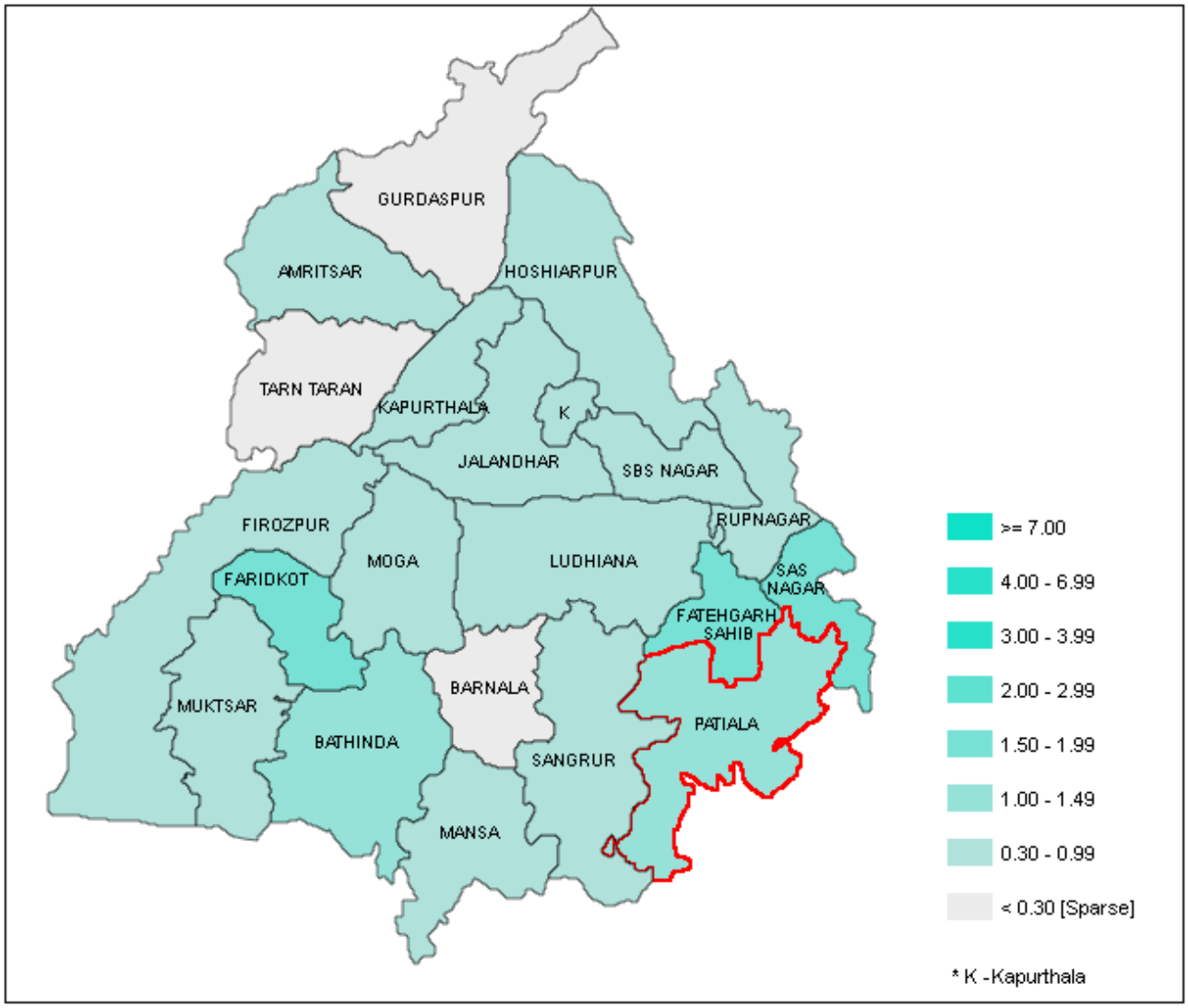
## Map 5.3(a) District wise Distribution of Age Adjusted Rate

### Mouth (ICD-10: C03-C06) 2012-2013 – Males



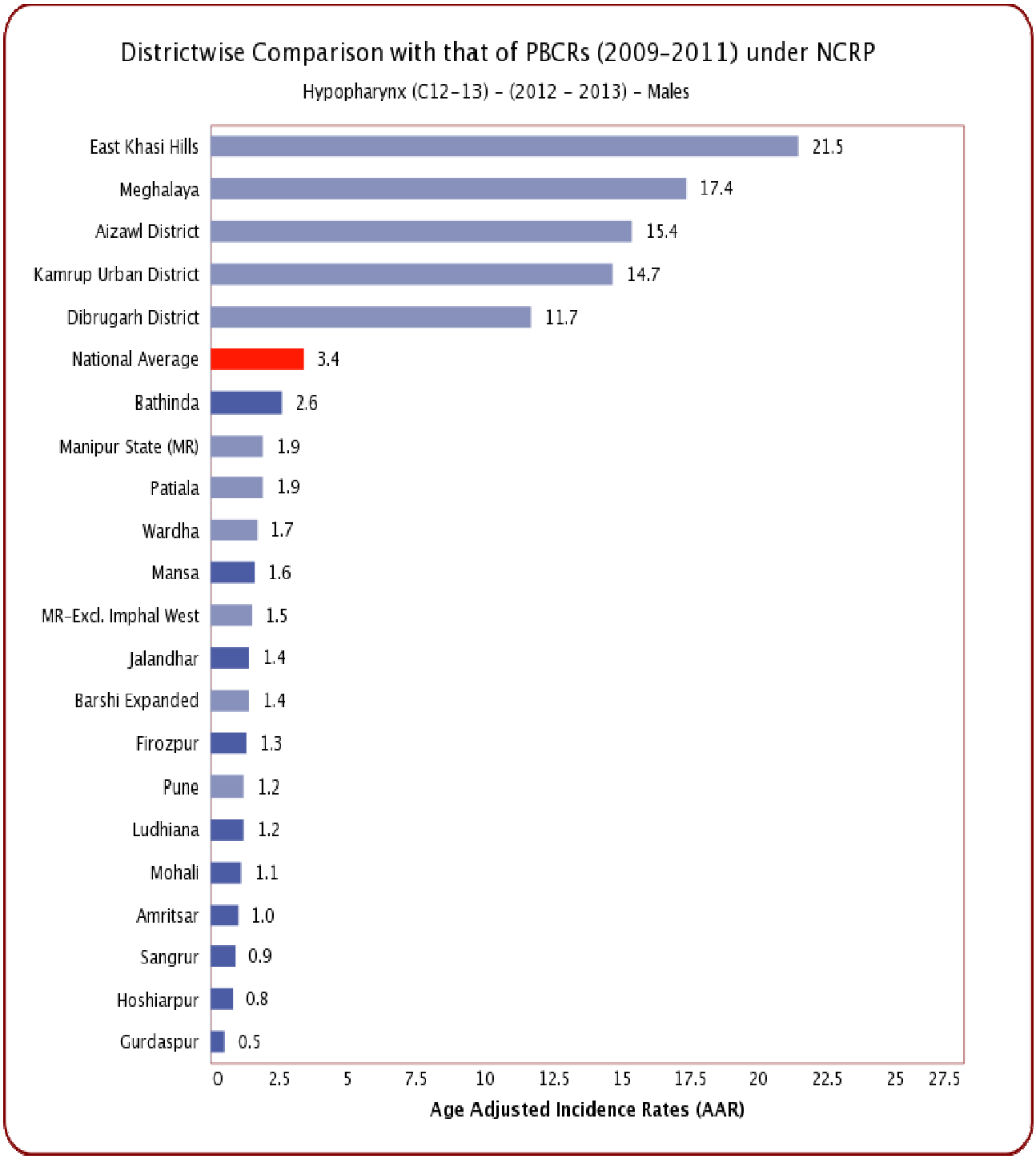
## Map 5.3(b) District wise Distribution of Age Adjusted Rate

### Mouth (ICD-10: C03-C06) 2012-2013 – Females



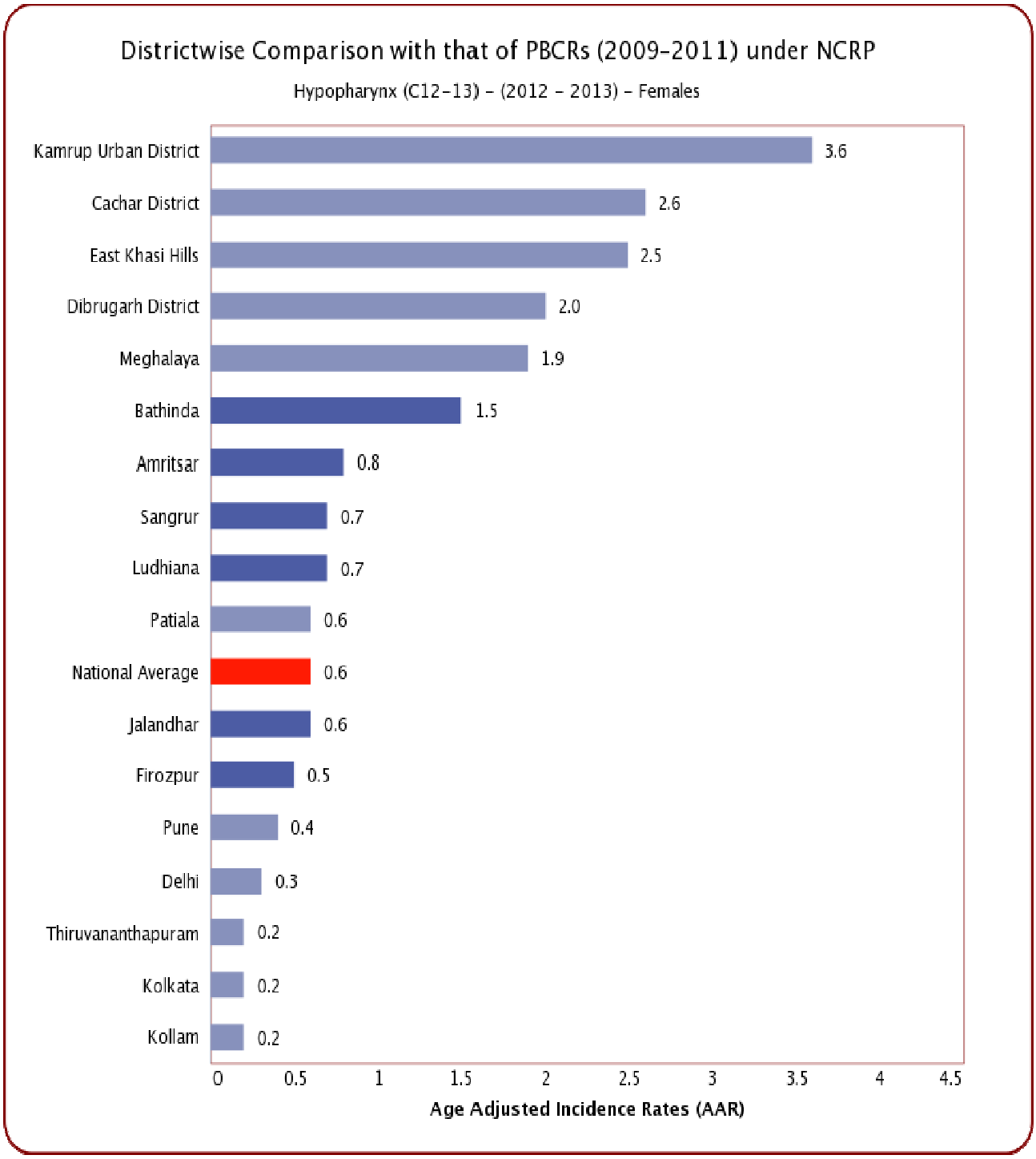
## Figure 5.4(a): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Hypopharynx (ICD-10: C12-C13) - Males



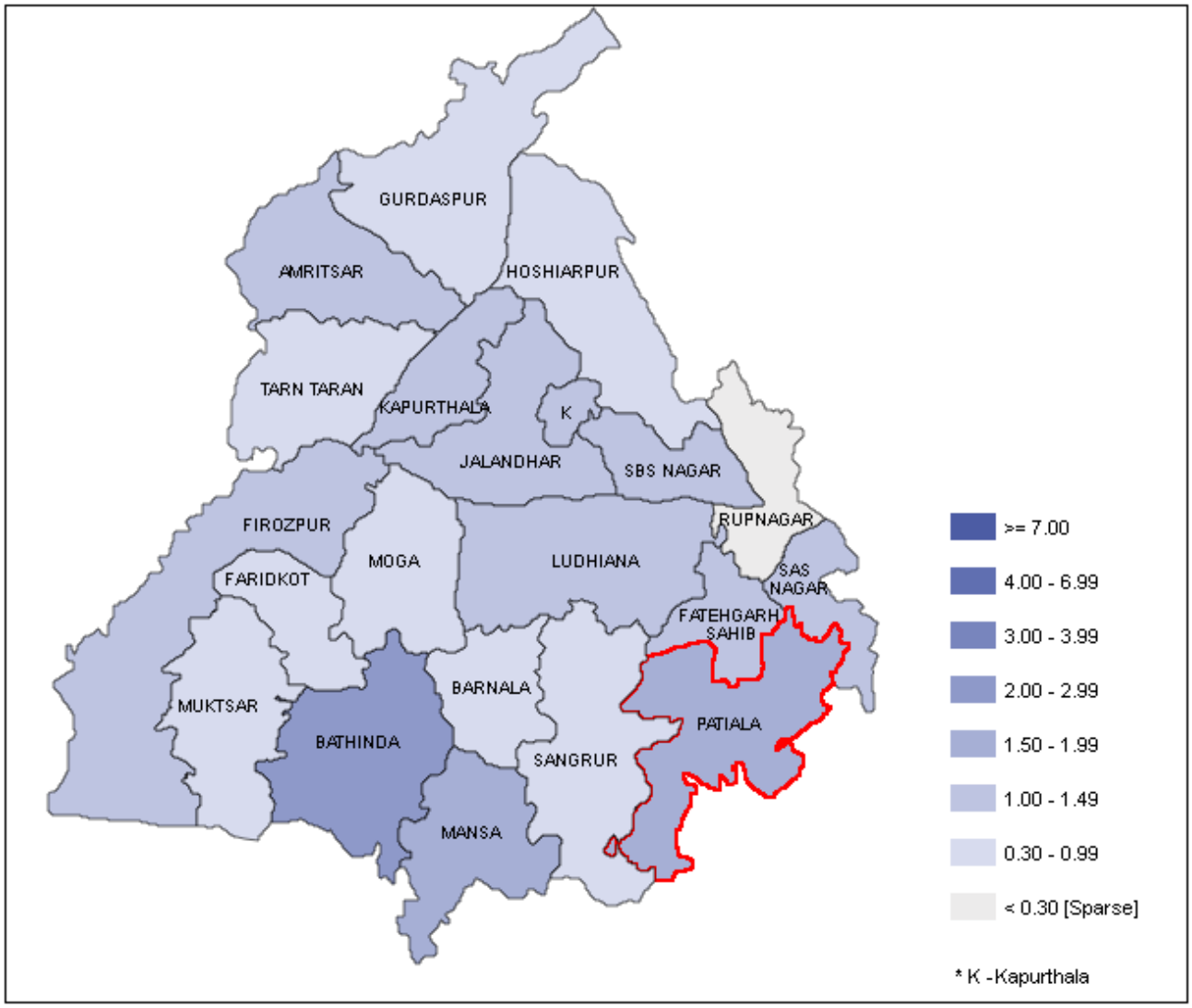
## Figure 5.4(b): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Hypopharynx (ICD-10: C12-C13) - Females



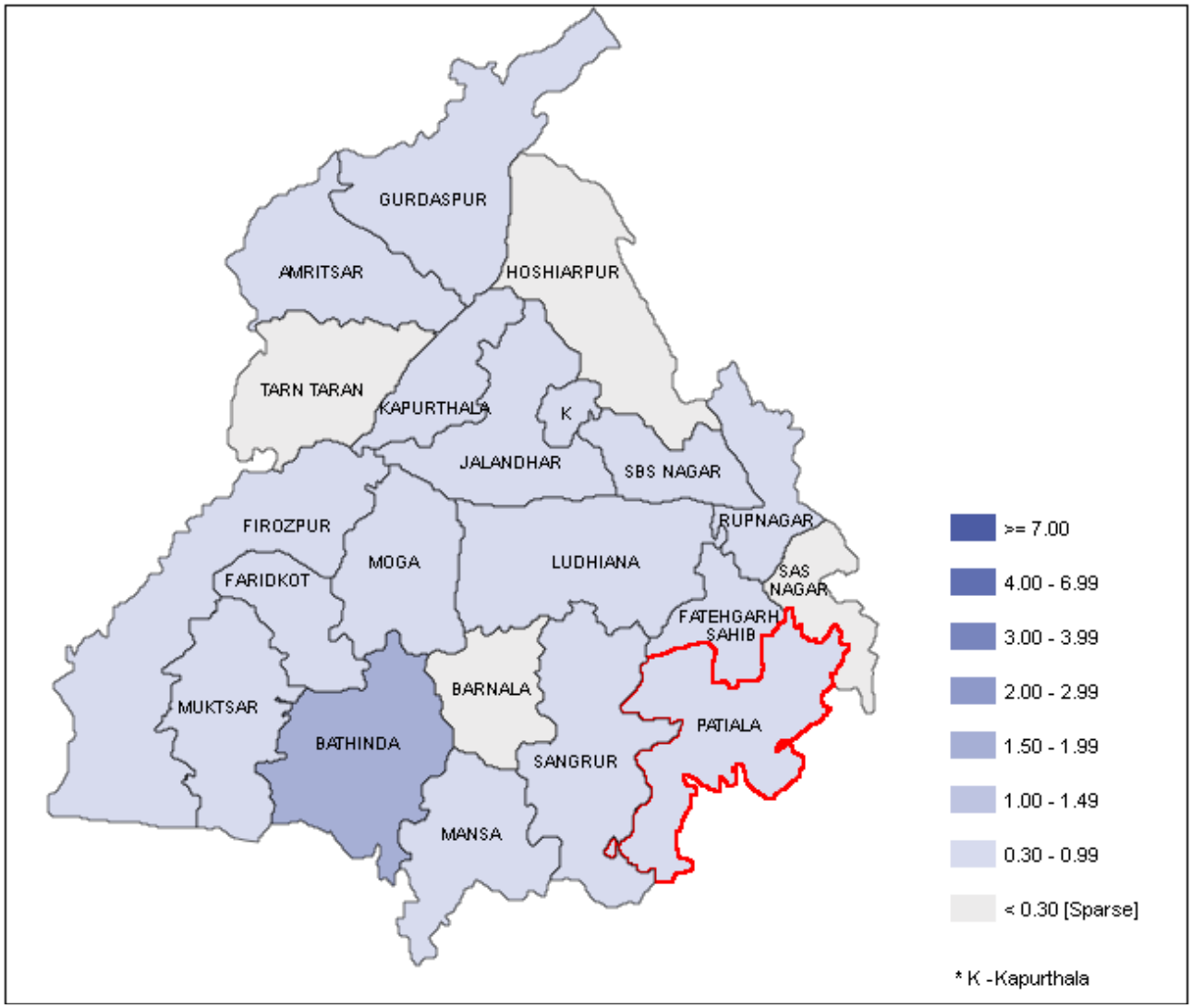
## Map 5.4(a) District wise Distribution of Age Adjusted Rate

### Hypopharynx (ICD-10: C12-C13) 2012-2013 – Males



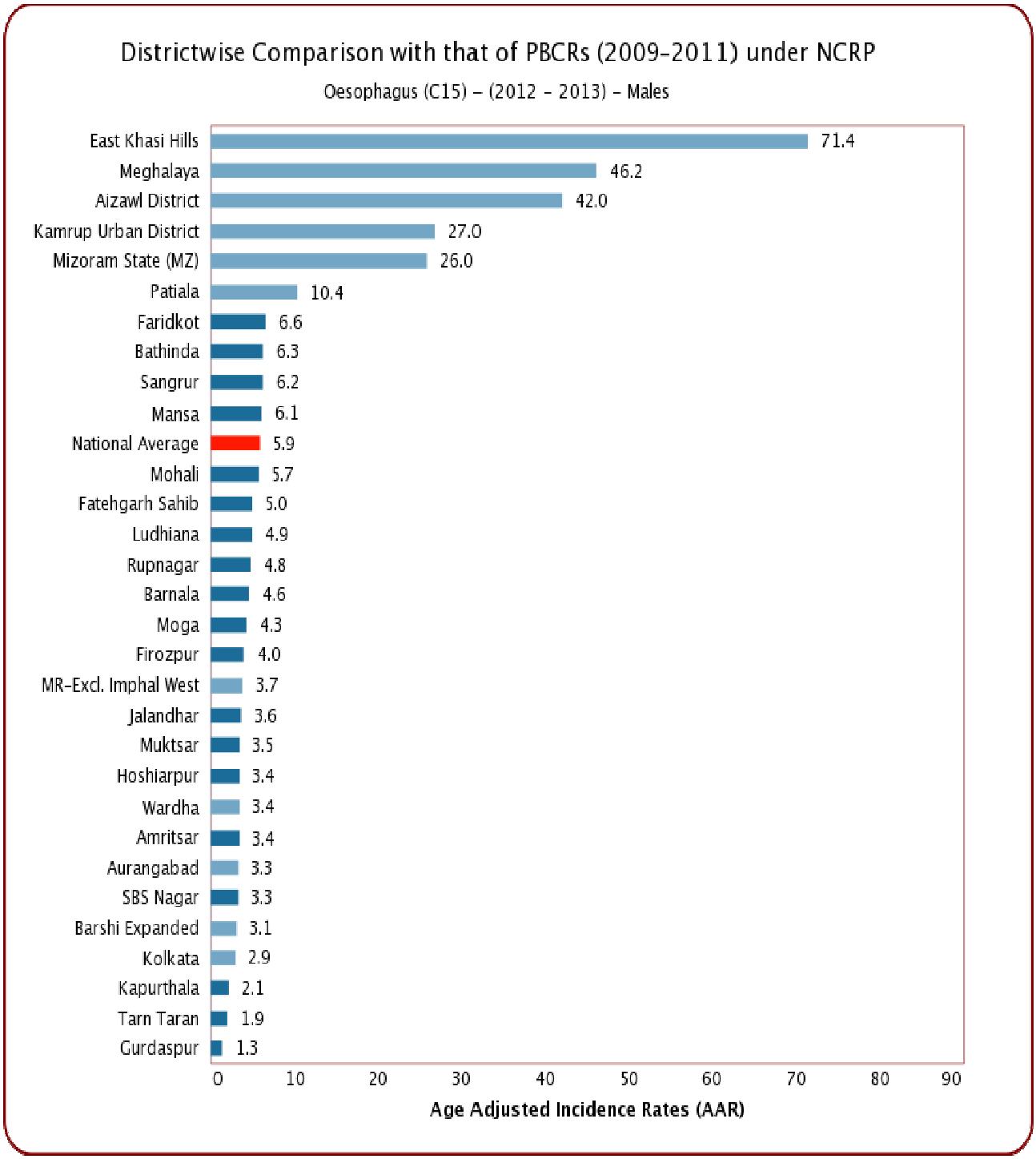
## Map 5.4(b) District wise Distribution of Age Adjusted Rate

### Hypopharynx (ICD-10: C12-C13) 2012-2013 – Females



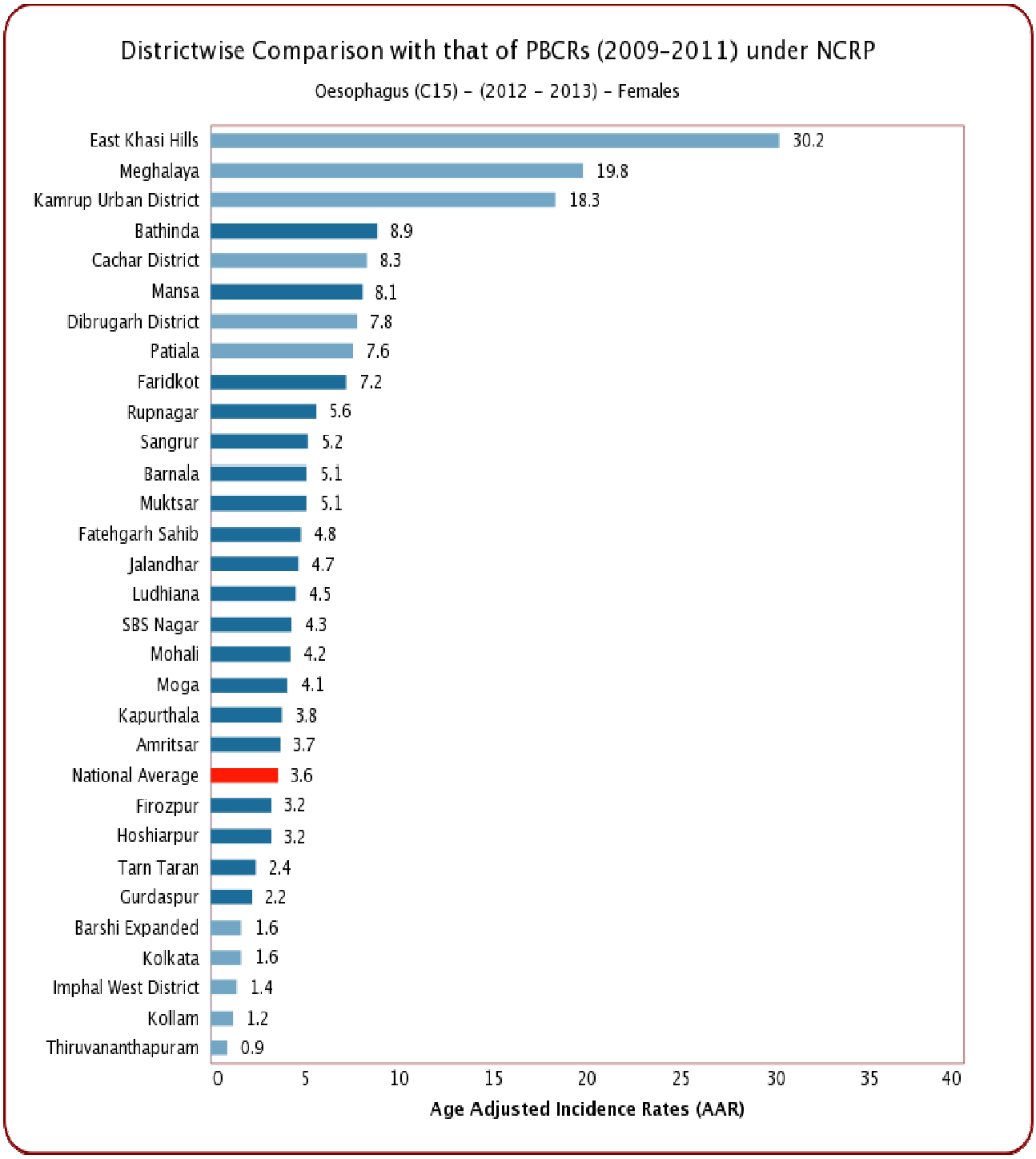
## Figure 5.5(a): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Oesophagus (ICD-10: C15) - Males



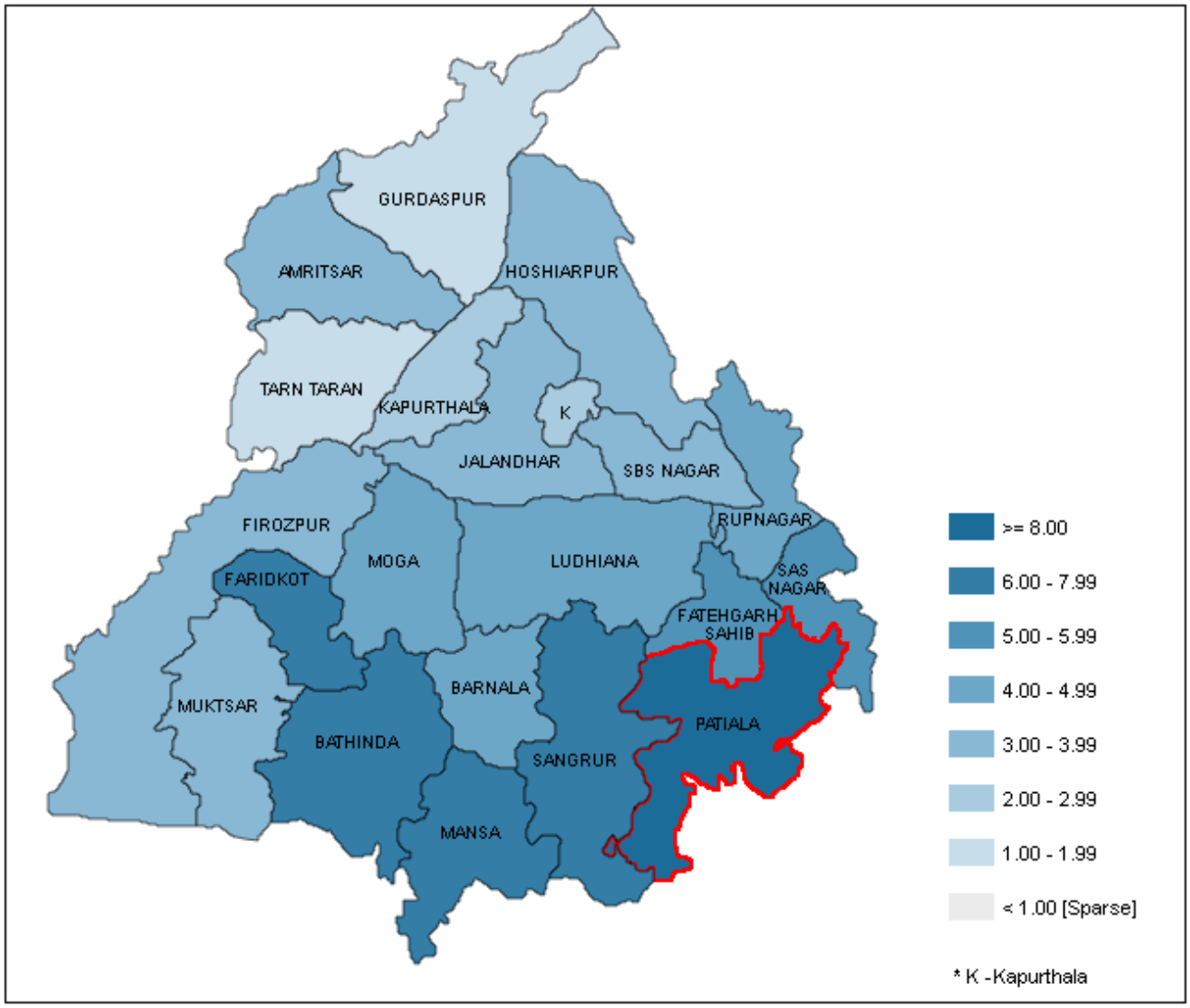
## Figure 5.5(b): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Oesophagus (ICD-10: C15) - Females



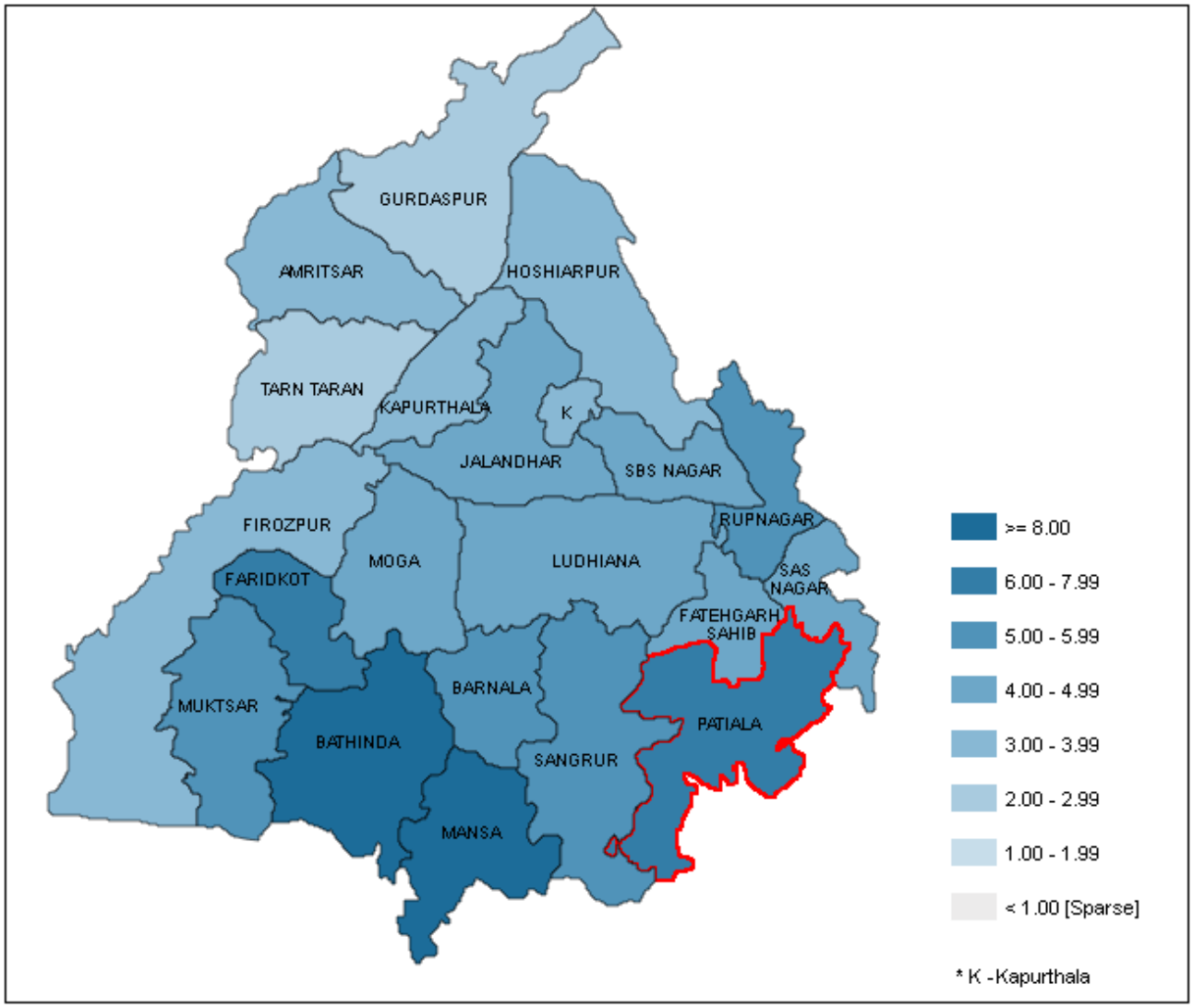
## Map 5.5(a) District wise Distribution of Age Adjusted Rate

### Oesophagus (ICD-10: C15) 2012-2013 – Males



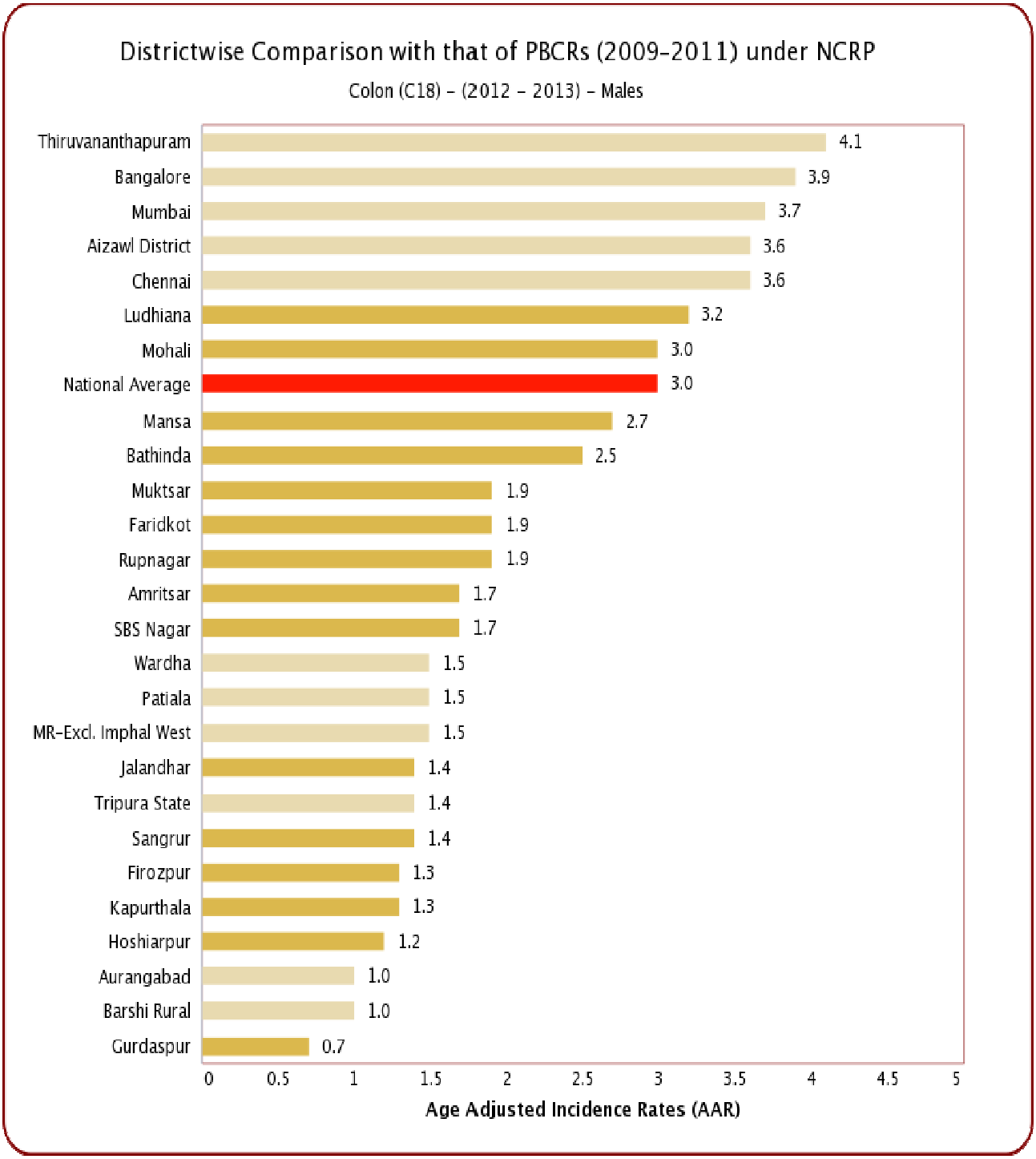
## Map 5.5(b) District wise Distribution of Age Adjusted Rate

### Oesophagus (ICD-10: C15) 2012-2013 – Females



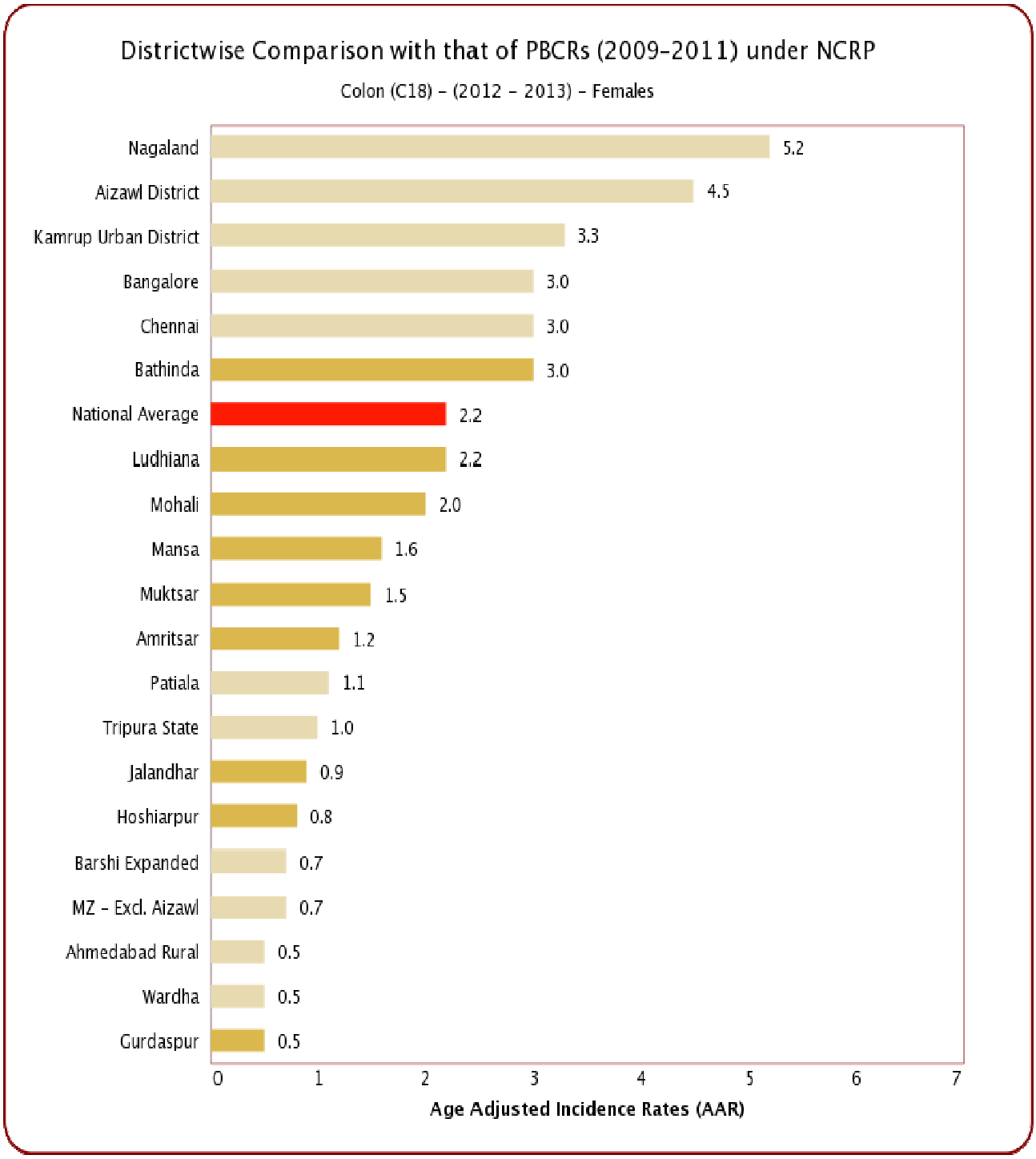
## Figure 5.6(a): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Colon (ICD-10: C18) - Males



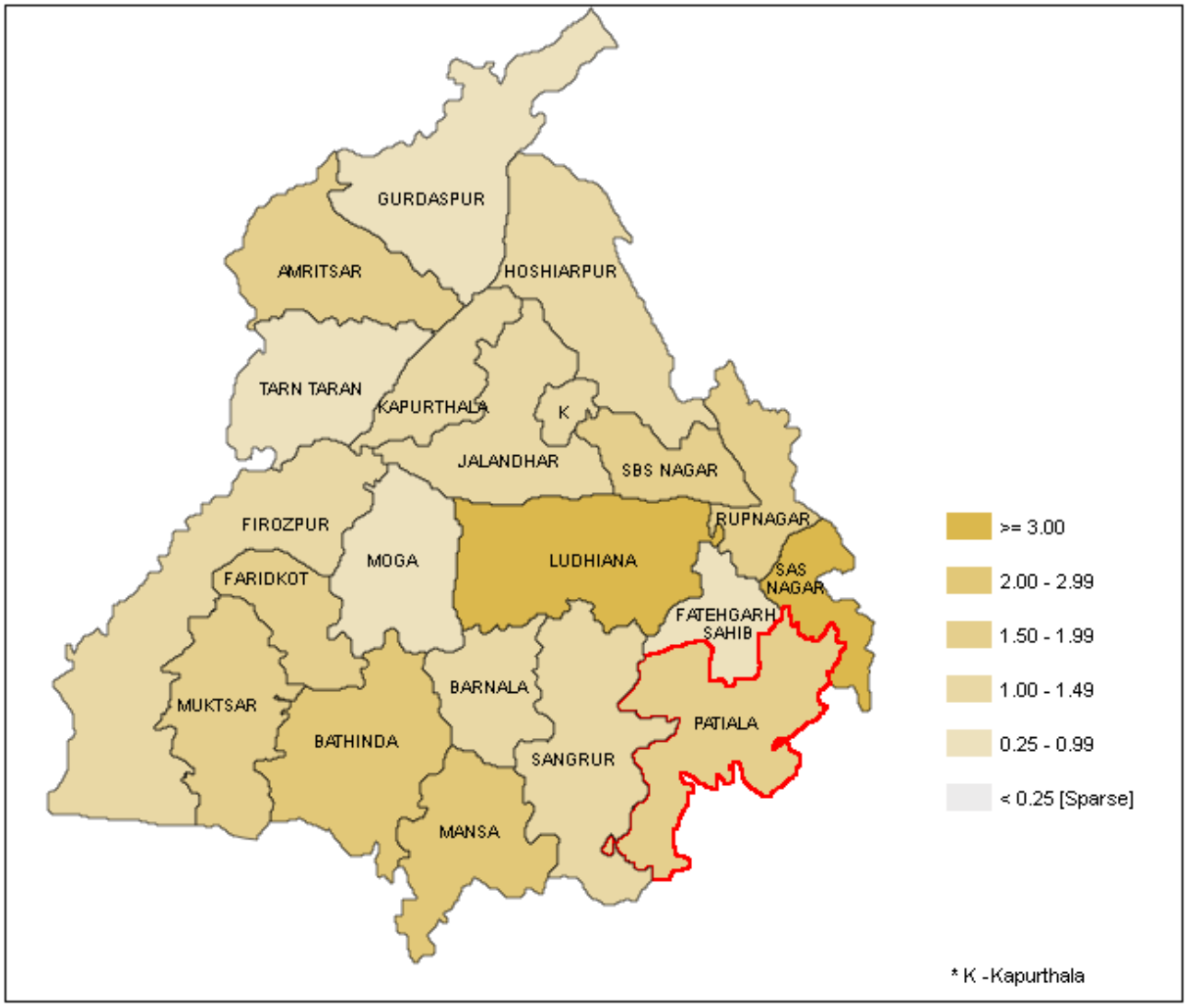
## Figure 5.6(b): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Colon (ICD-10: C18) - Females



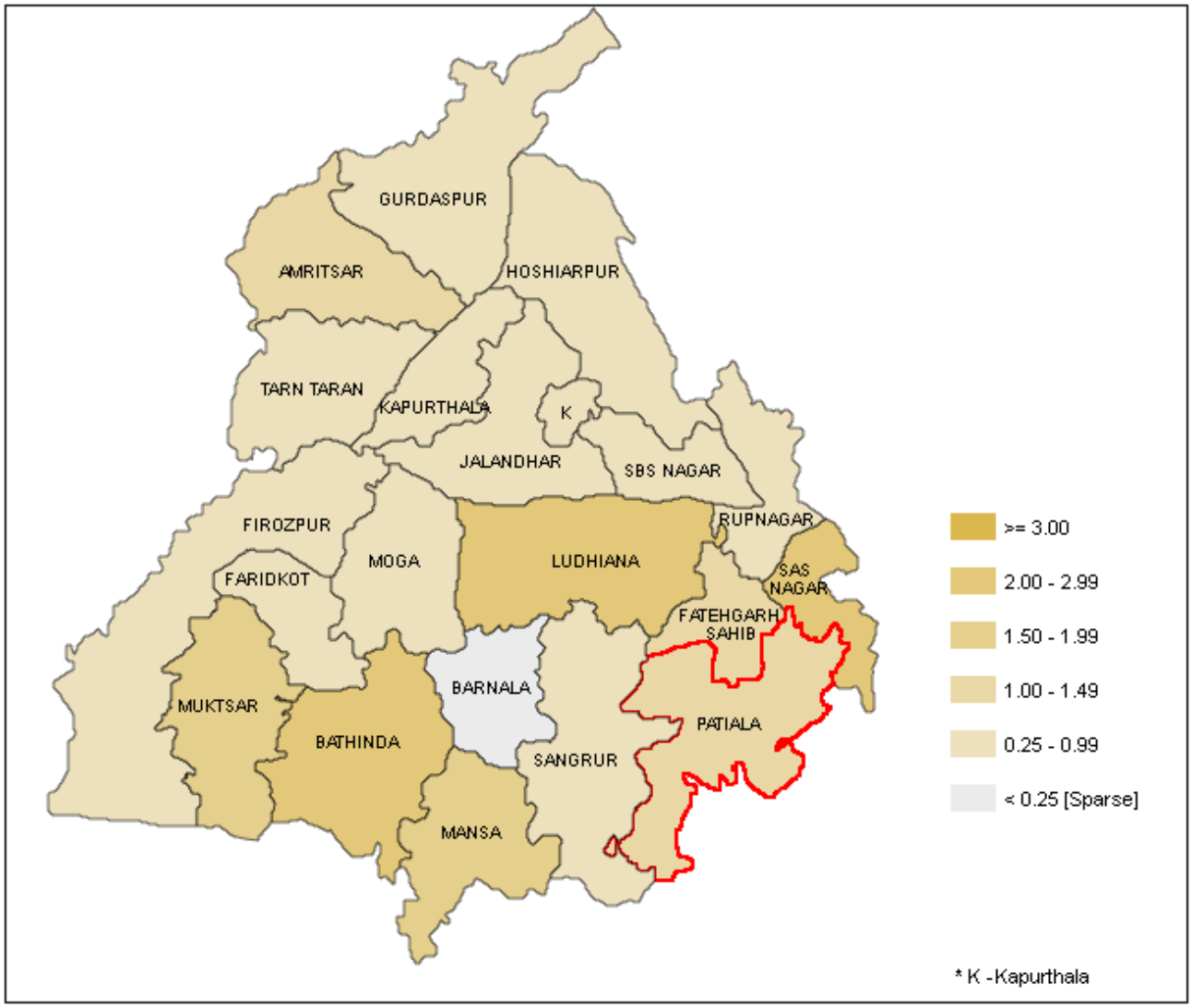
## Map 5.6(a) District wise Distribution of Age Adjusted Rate

### Colon (ICD-10: C18) 2012-2013 – Males



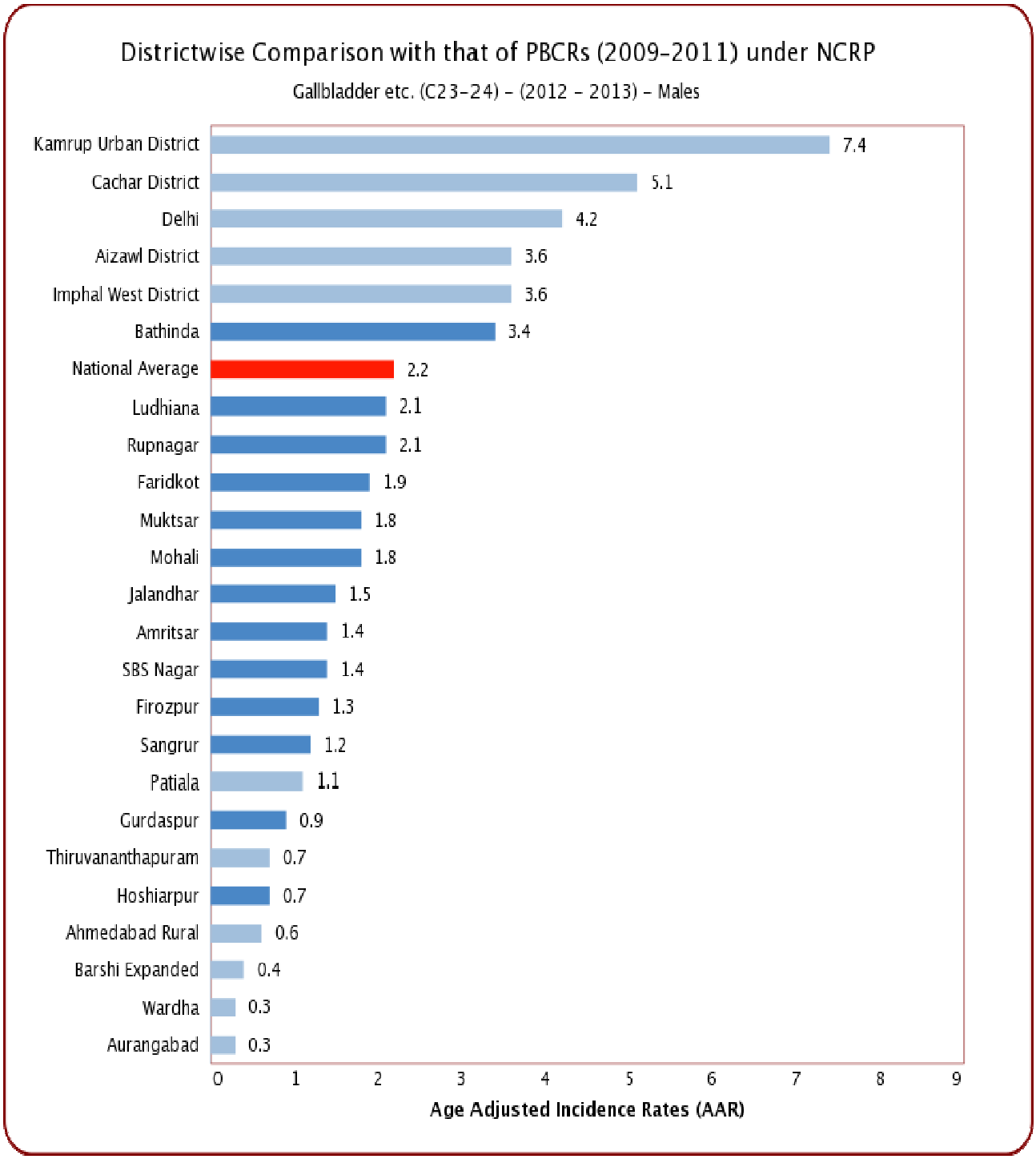
## Map 5.6(b) District wise Distribution of Age Adjusted Rate

### Colon (ICD-10: C18) 2012-2013 – Females



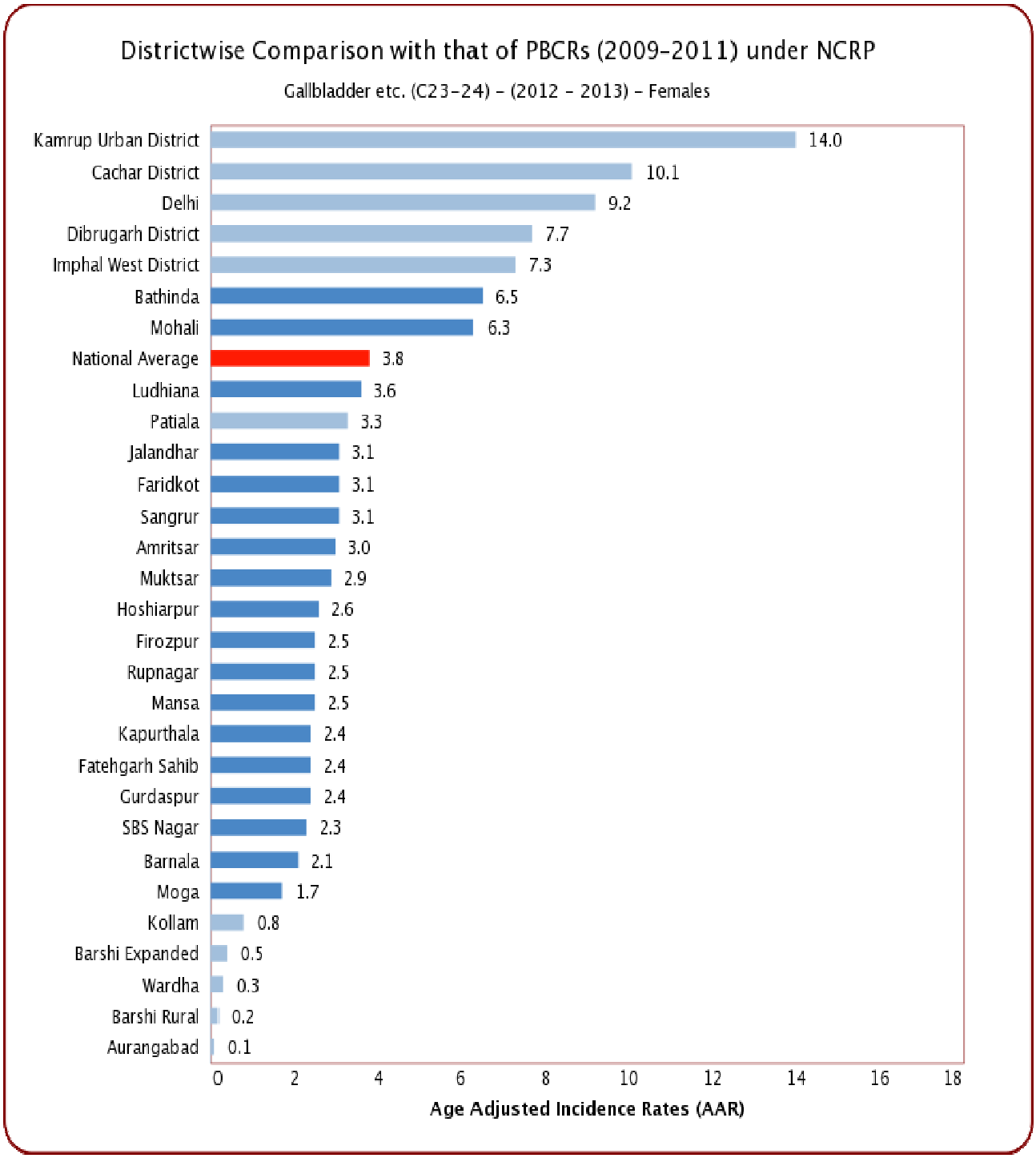
## Figure 5.7(a): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Gallbladder etc. (ICD-10: C23-C24) - Males



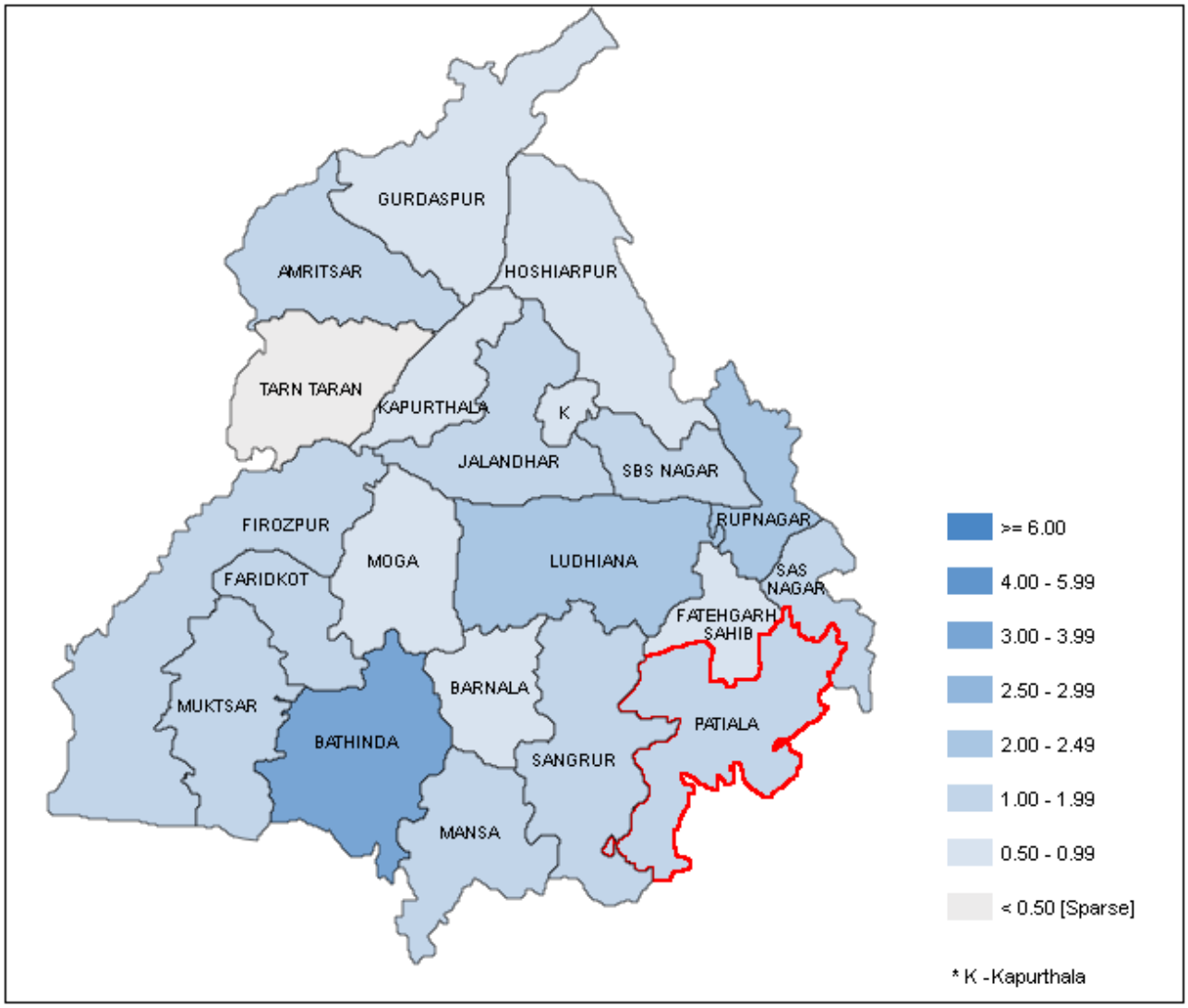
## Figure 5.7(b): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Gallbladder etc. (ICD-10: C23-C24) - Females



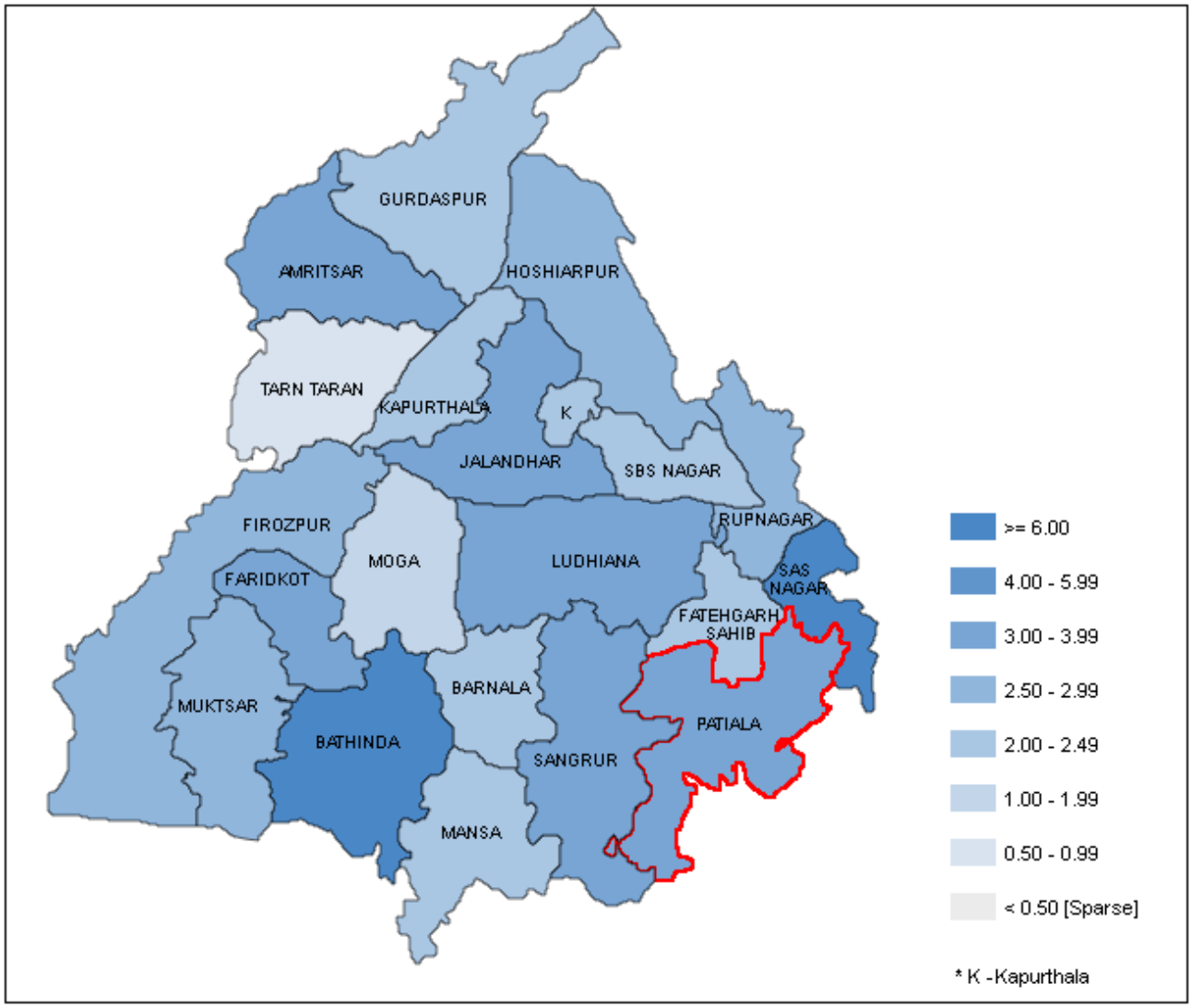
## Map 5.7(a) District wise Distribution of Age Adjusted Rate

### Gallbladder etc. (ICD-10: C23-C24) 2012-2013 – Males



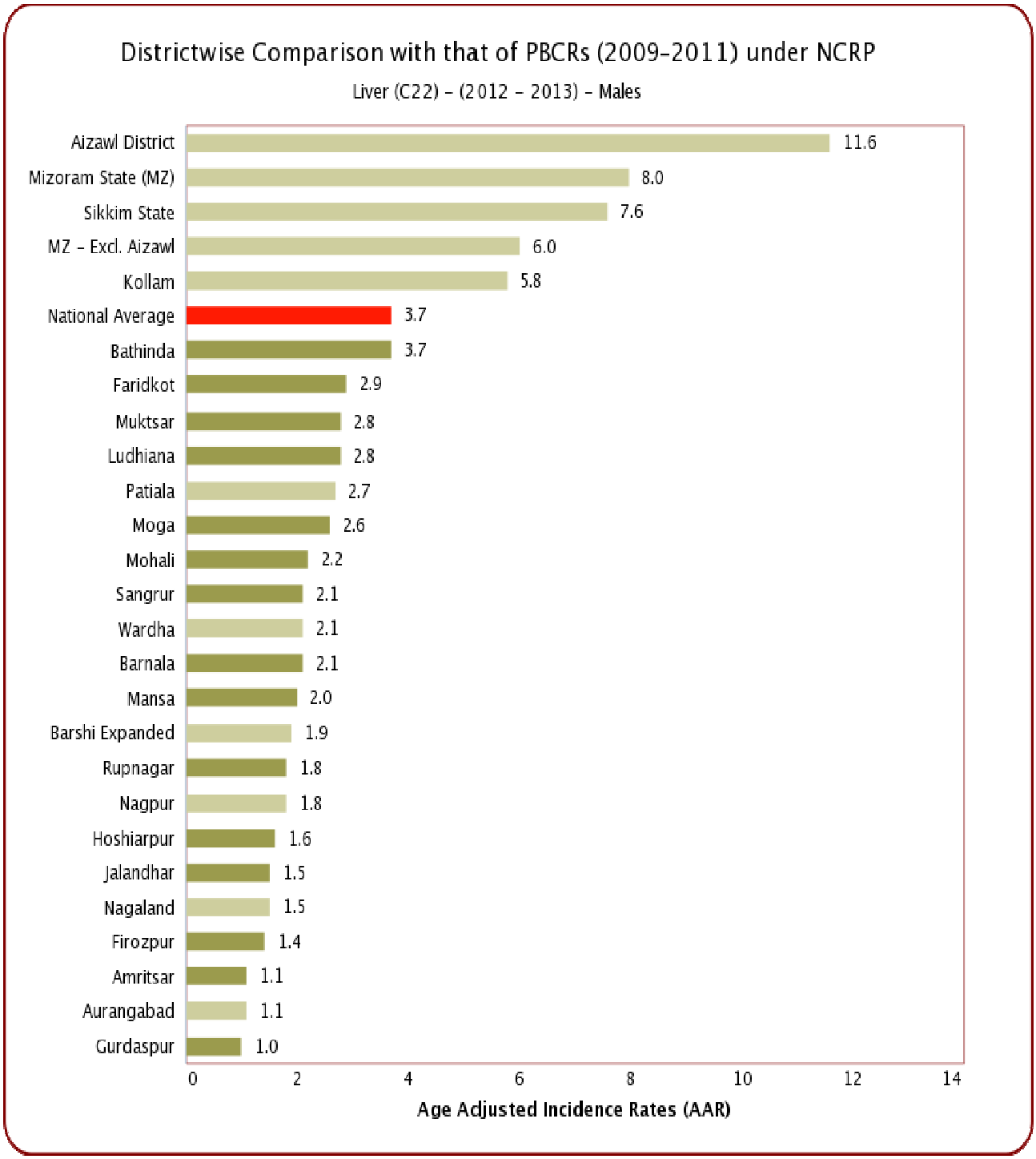
## Map 5.7(b) District wise Distribution of Age Adjusted Rate

### Gallbladder etc. (ICD-10: C23-C24) 2012-2013 – Females



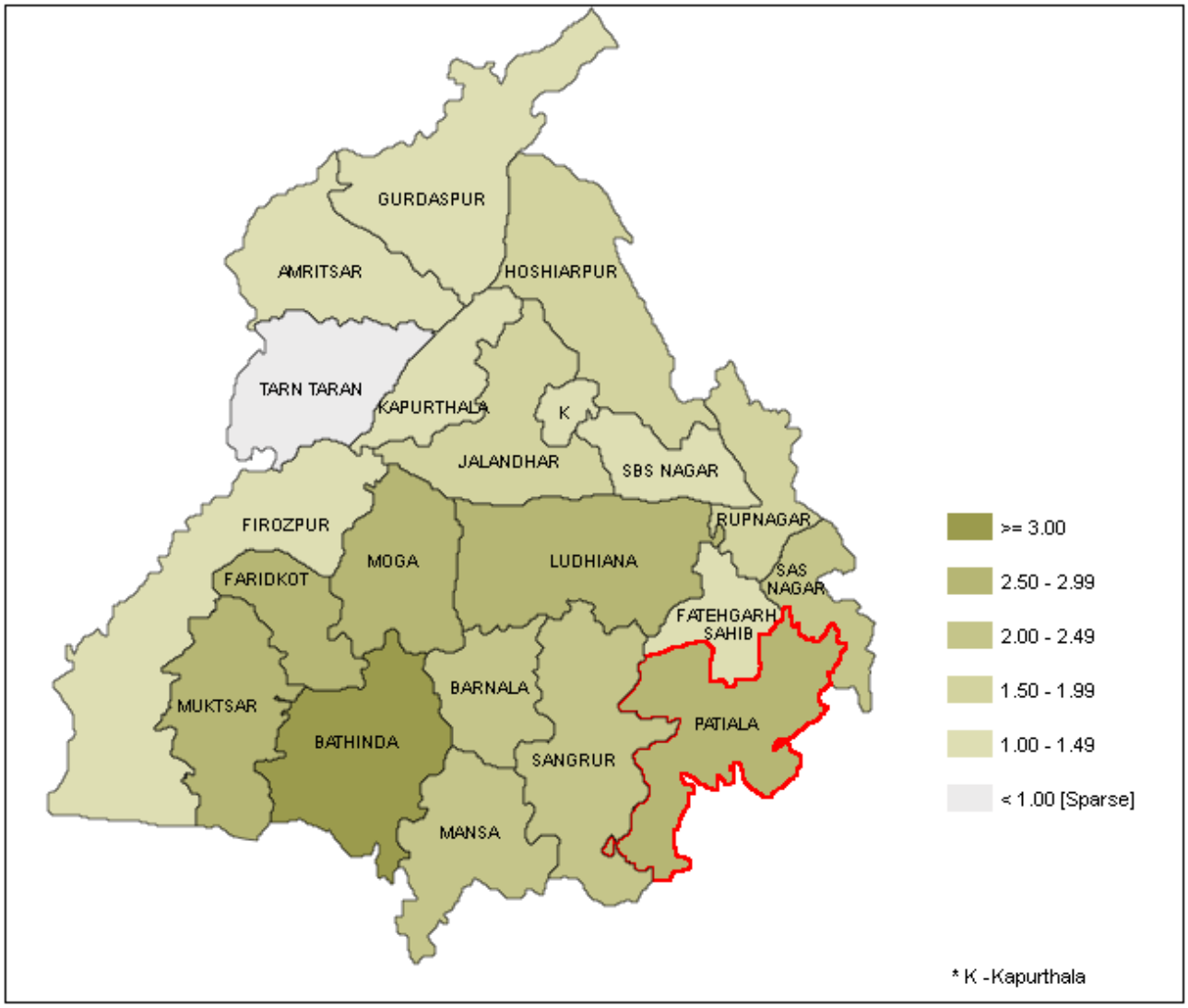
## Figure 5.8: District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

**Liver (ICD-10: C22) - Males**



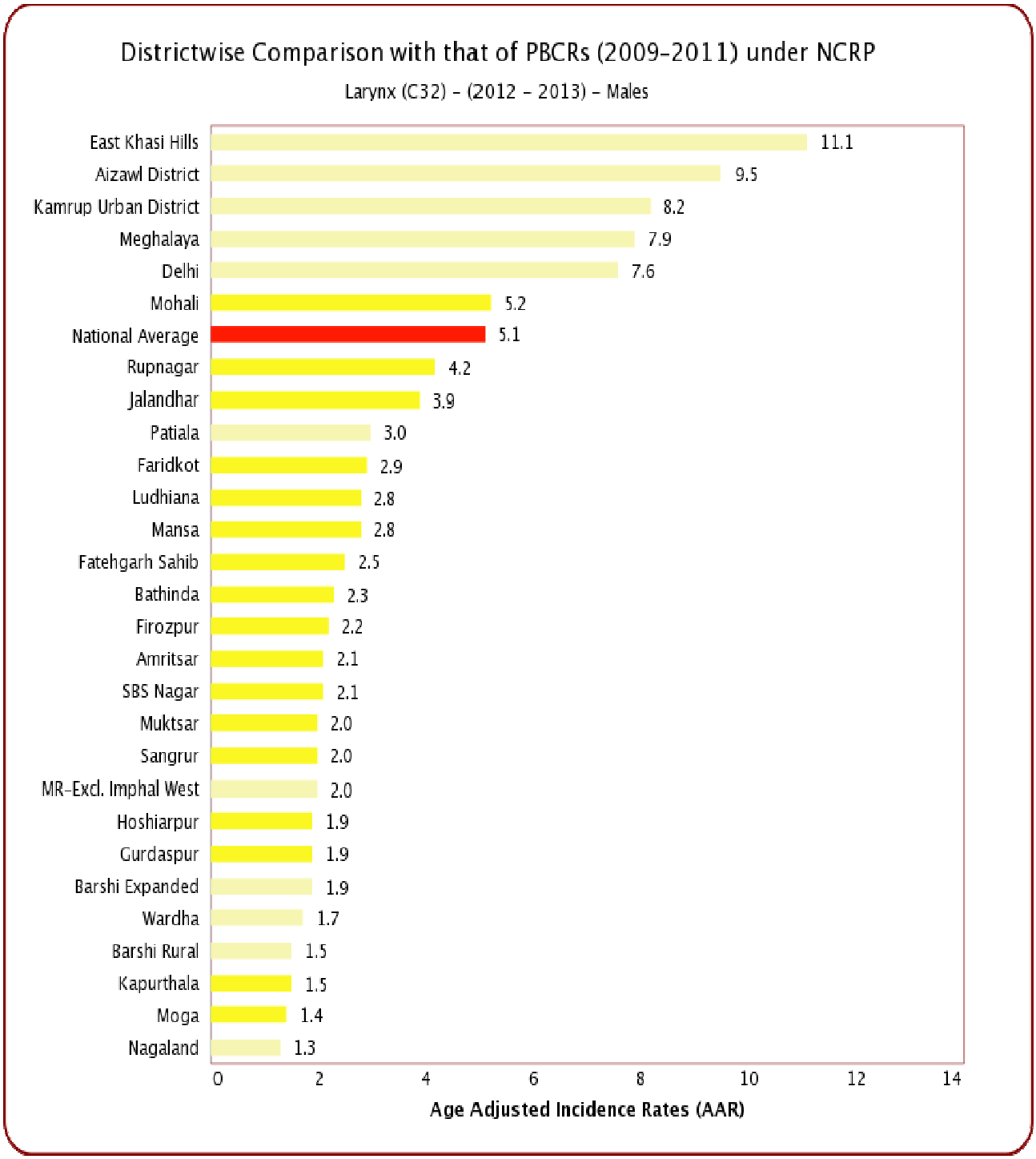
## Map 5.8 District wise Distribution of Age Adjusted Rate

### Liver (ICD-10: C22) 2012-2013 – Males



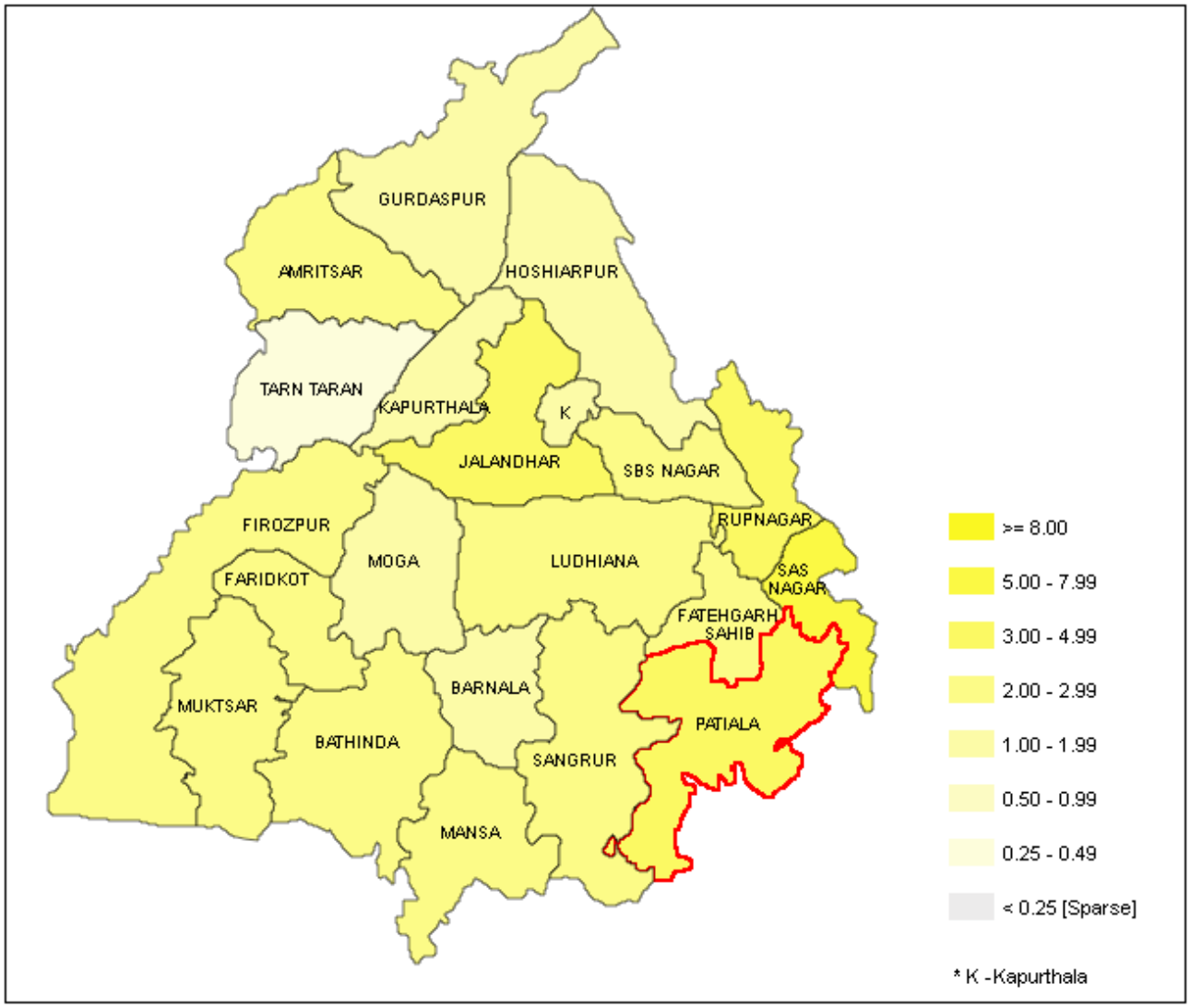
## Figure 5.9: District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Larynx (ICD-10: C32) - Males



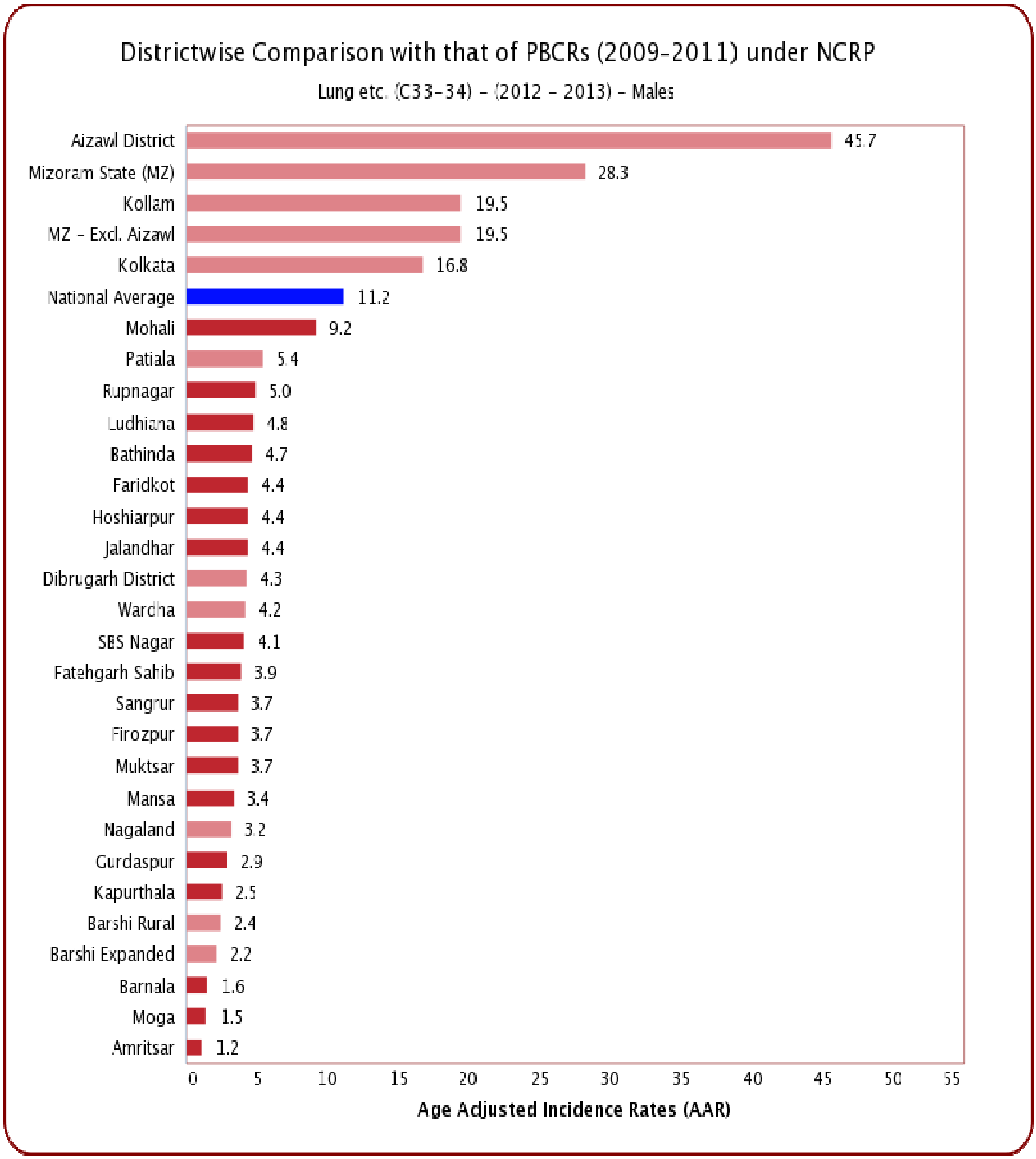
## Map 5.9 District wise Distribution of Age Adjusted Rate

### Larynx (ICD-10: C32) 2012-2013 – Males



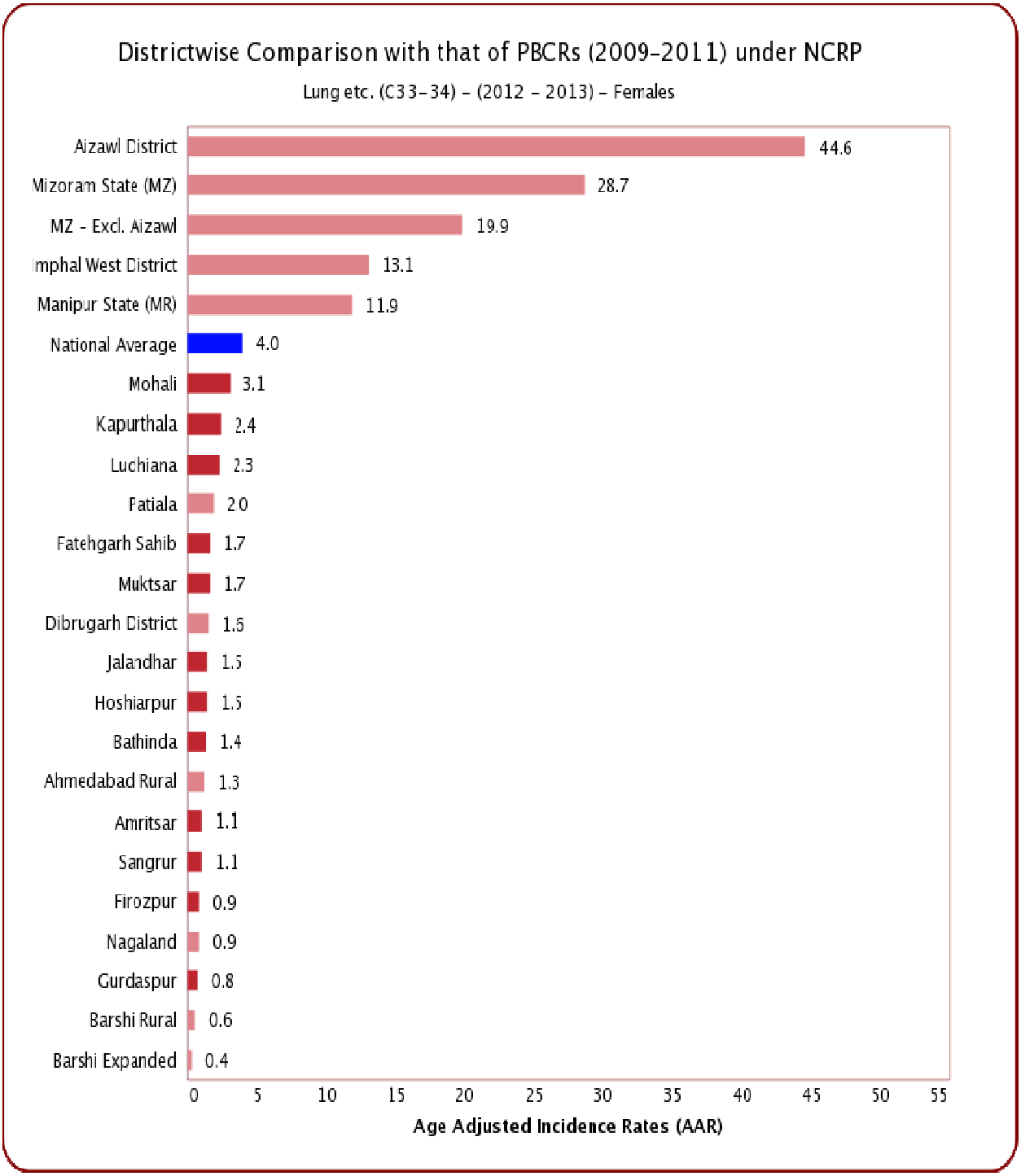
## Figure 5.10(a): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Lung etc. (ICD-10: C33-C34) - Males



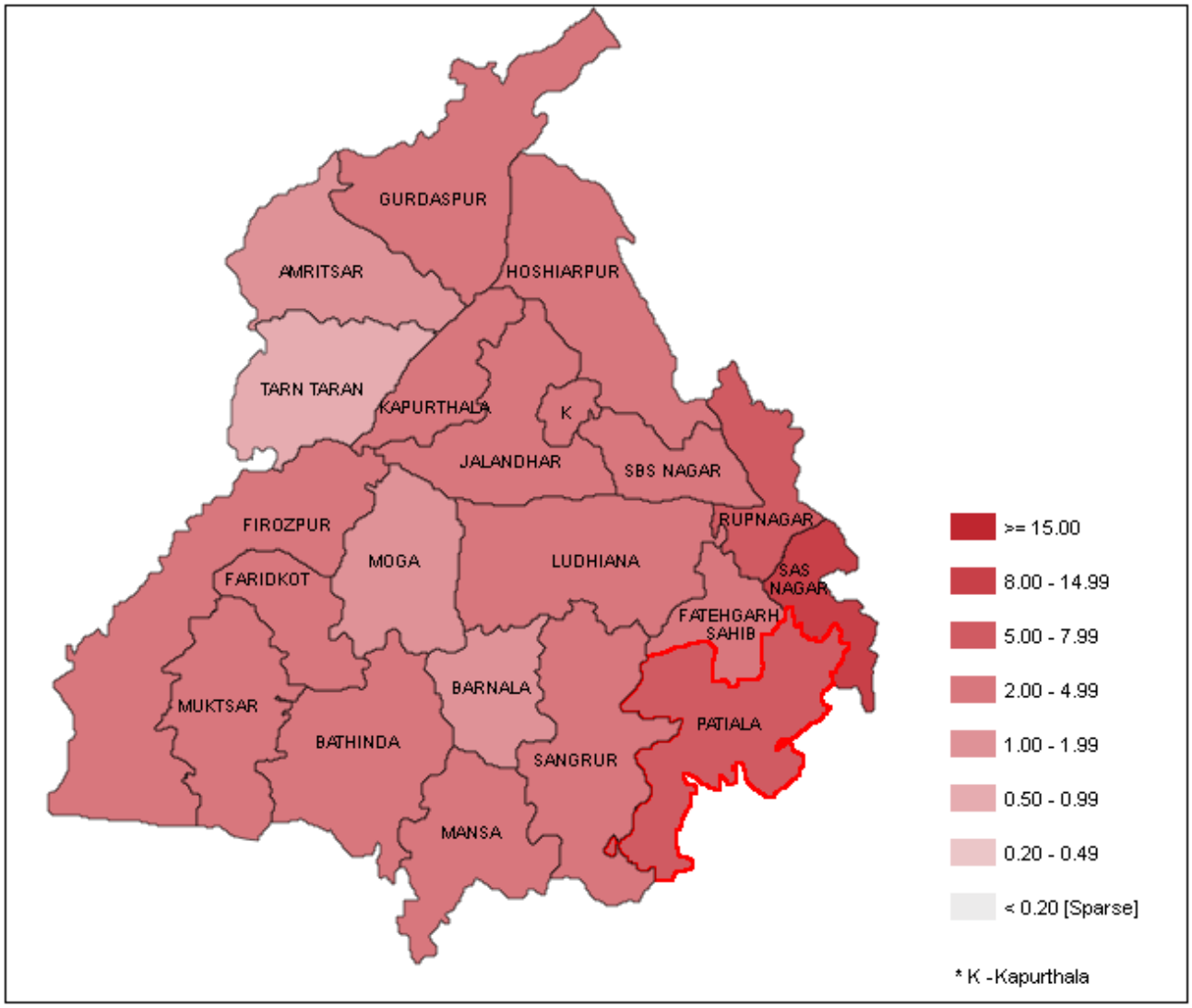
## Figure 5.10(b): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Lung etc. (ICD-10: C33-C34) - Females



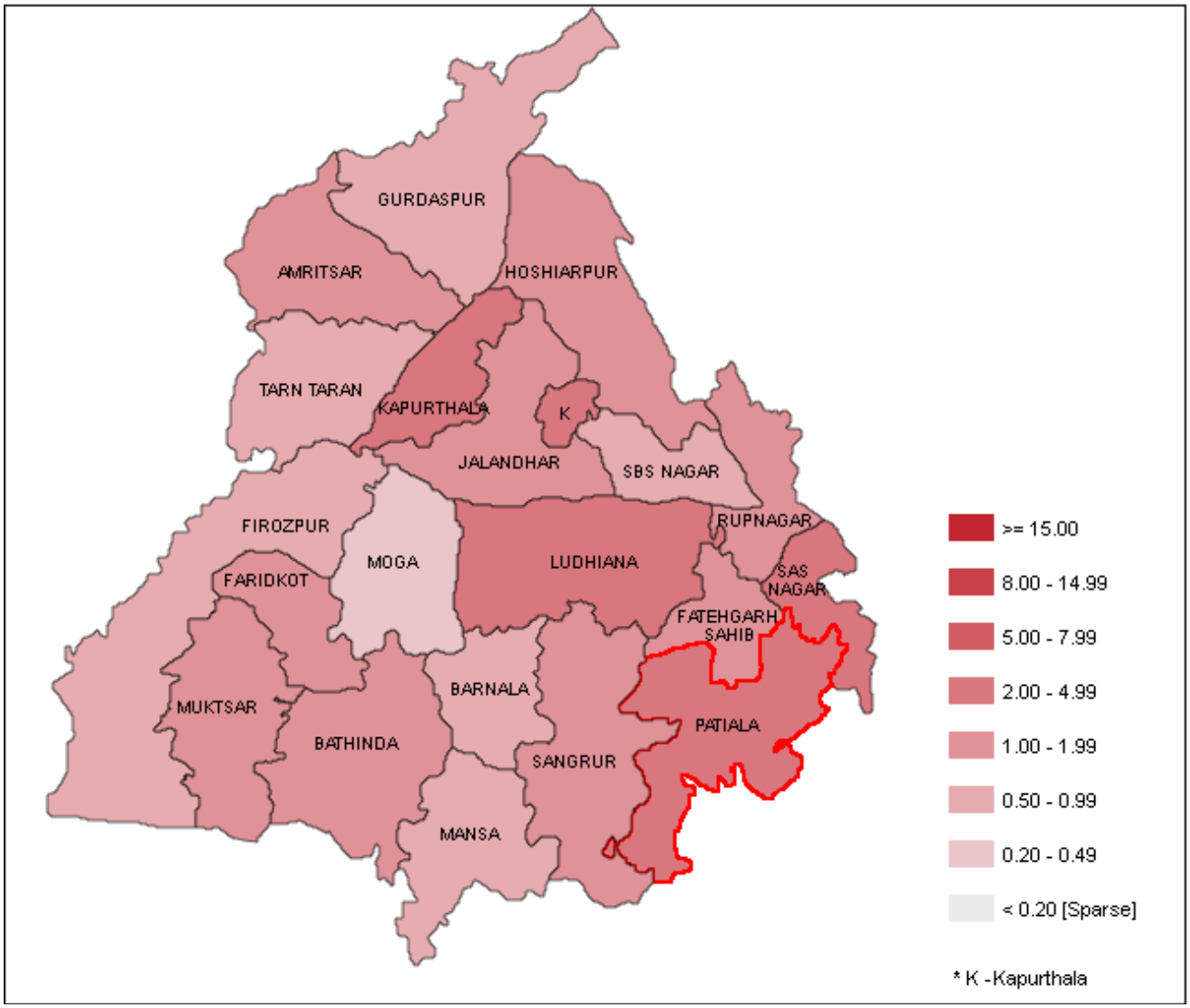
## Map 5.10(a) District wise Distribution of Age Adjusted Rate

### Lung etc. (ICD-10: C33-C34) 2012-2013 – Males



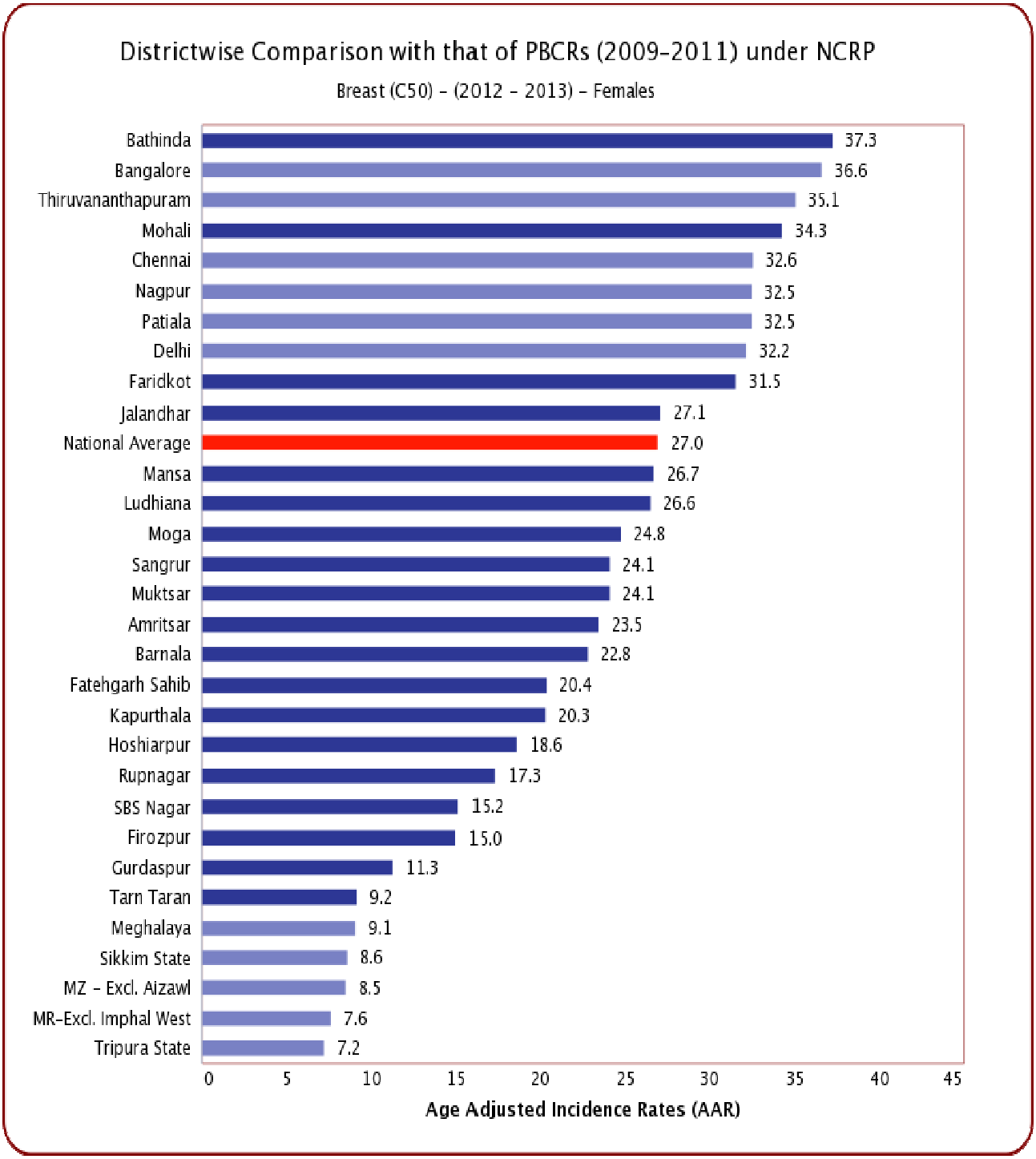
## Map 5.10(b) District wise Distribution of Age Adjusted Rate

### Lung etc. (ICD-10: C33-C34) 2012-2013 – Females



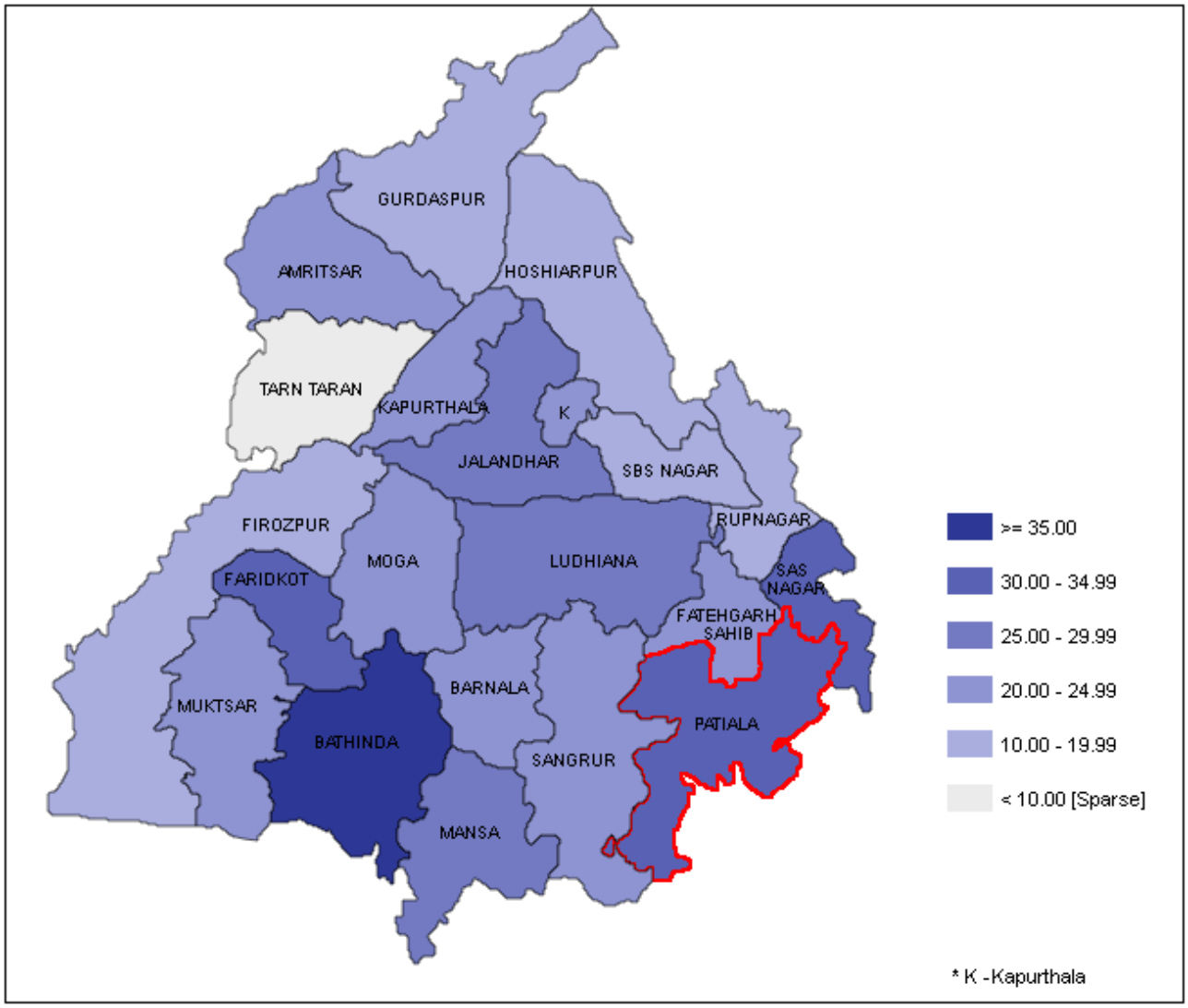
## Figure 5.11: District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Breast (ICD-10: C50) - Females



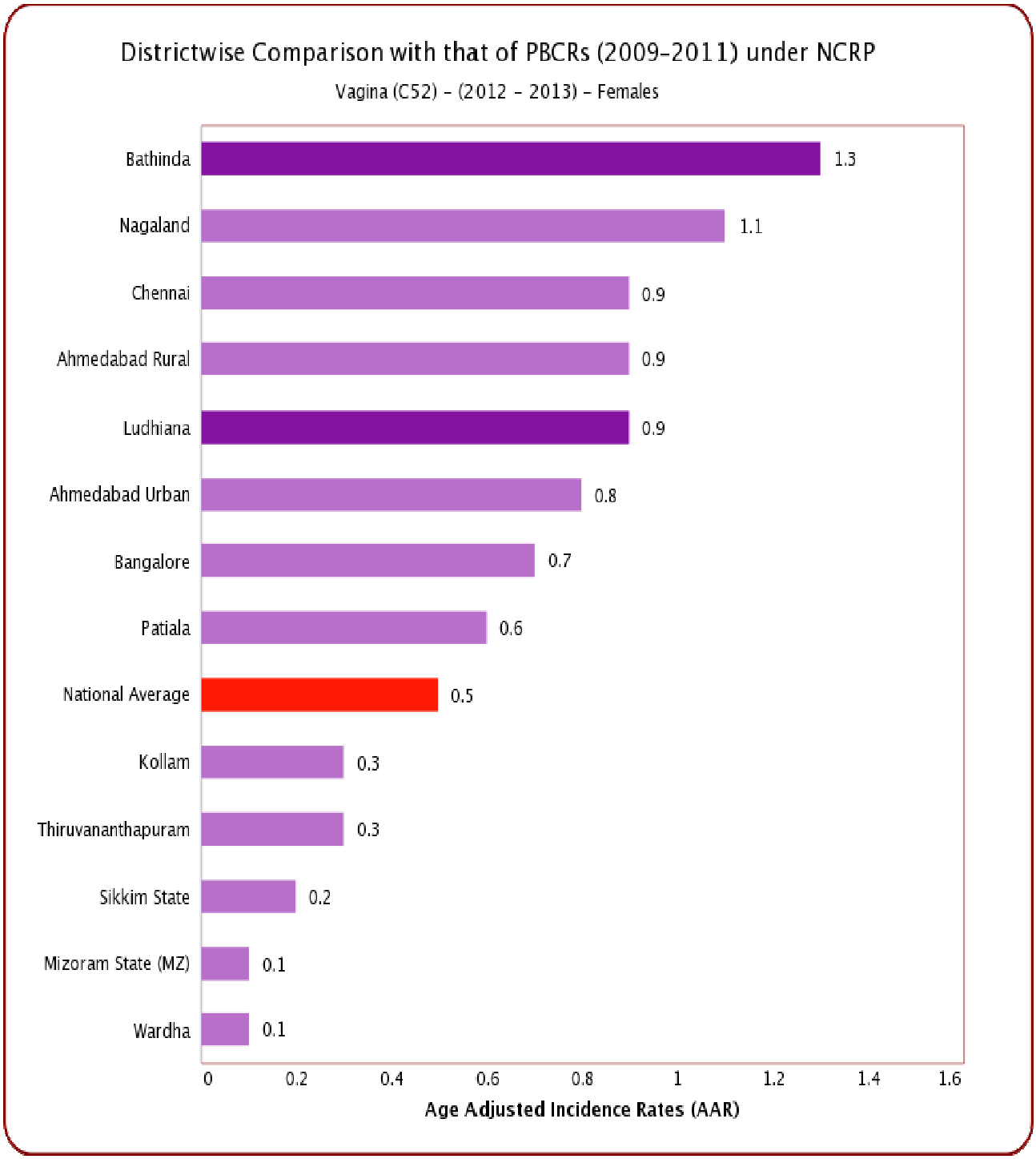
## Map 5.11 District wise Distribution of Age Adjusted Rate

### Breast (ICD-10: C50) 2012-2013 – Females



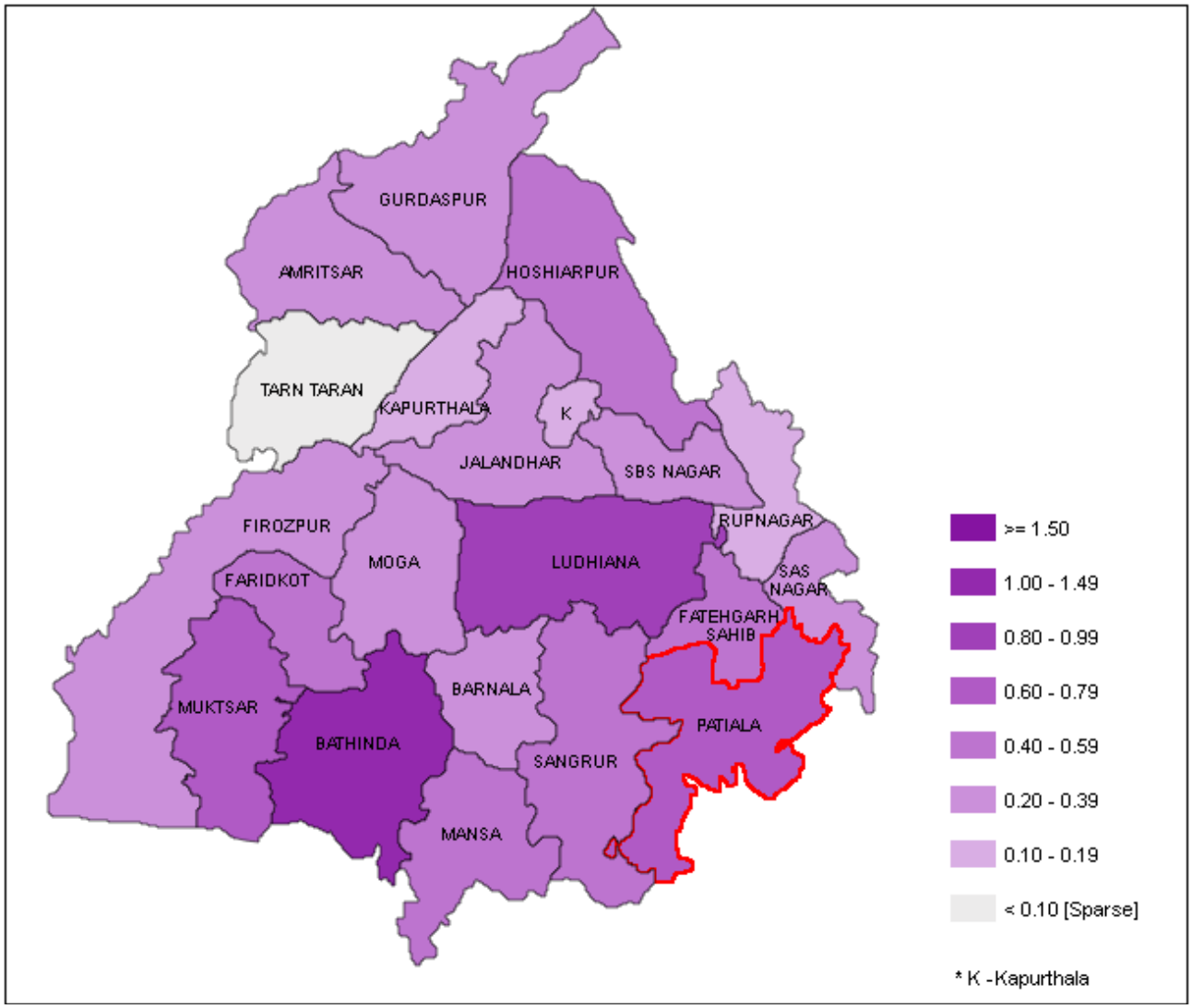
## Figure 5.12: District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Vagina (ICD-10: C52)



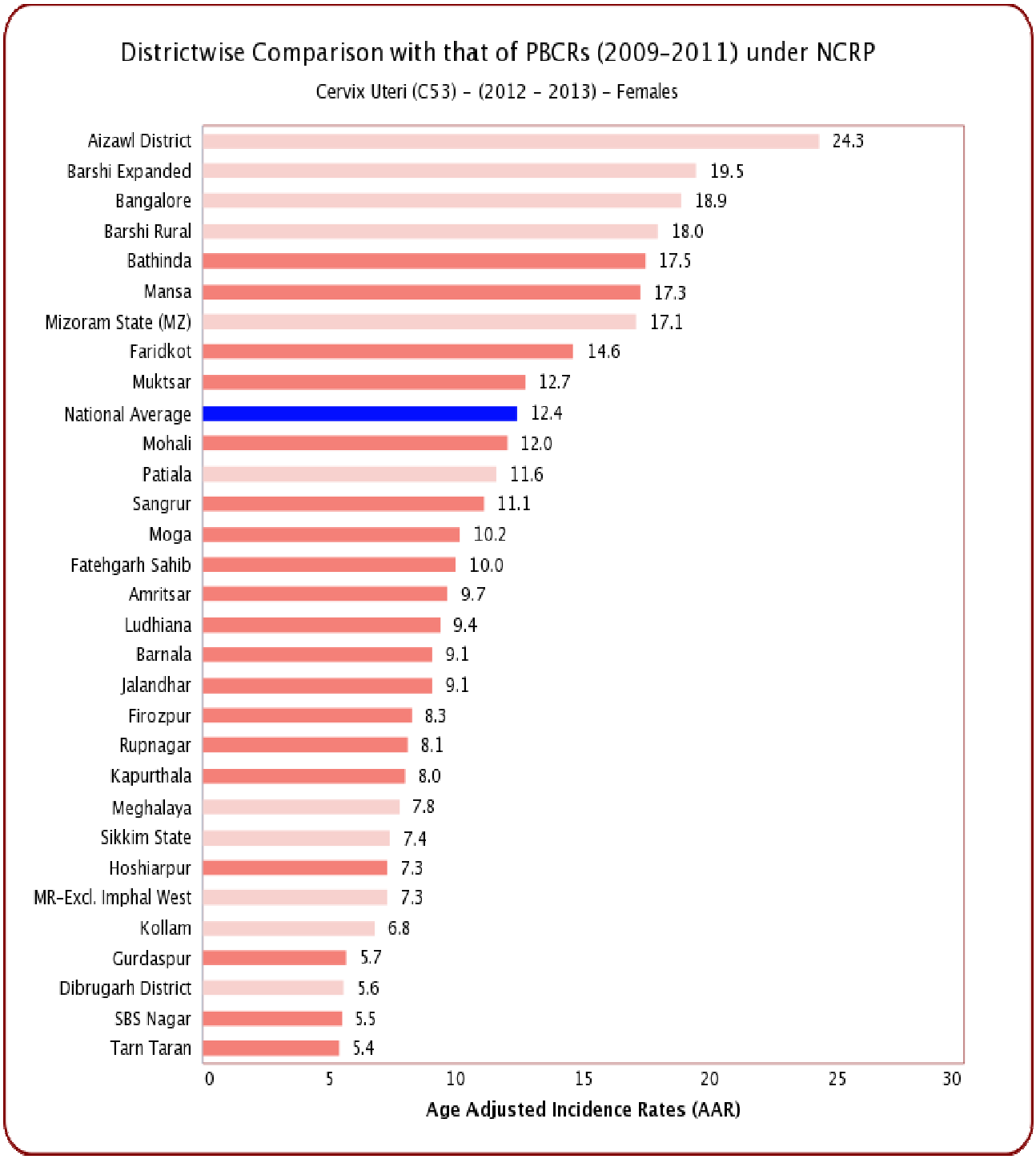
## Map 5.12 District wise Distribution of Age Adjusted Rate

### Vagina (ICD-10: C52) - 2012-2013



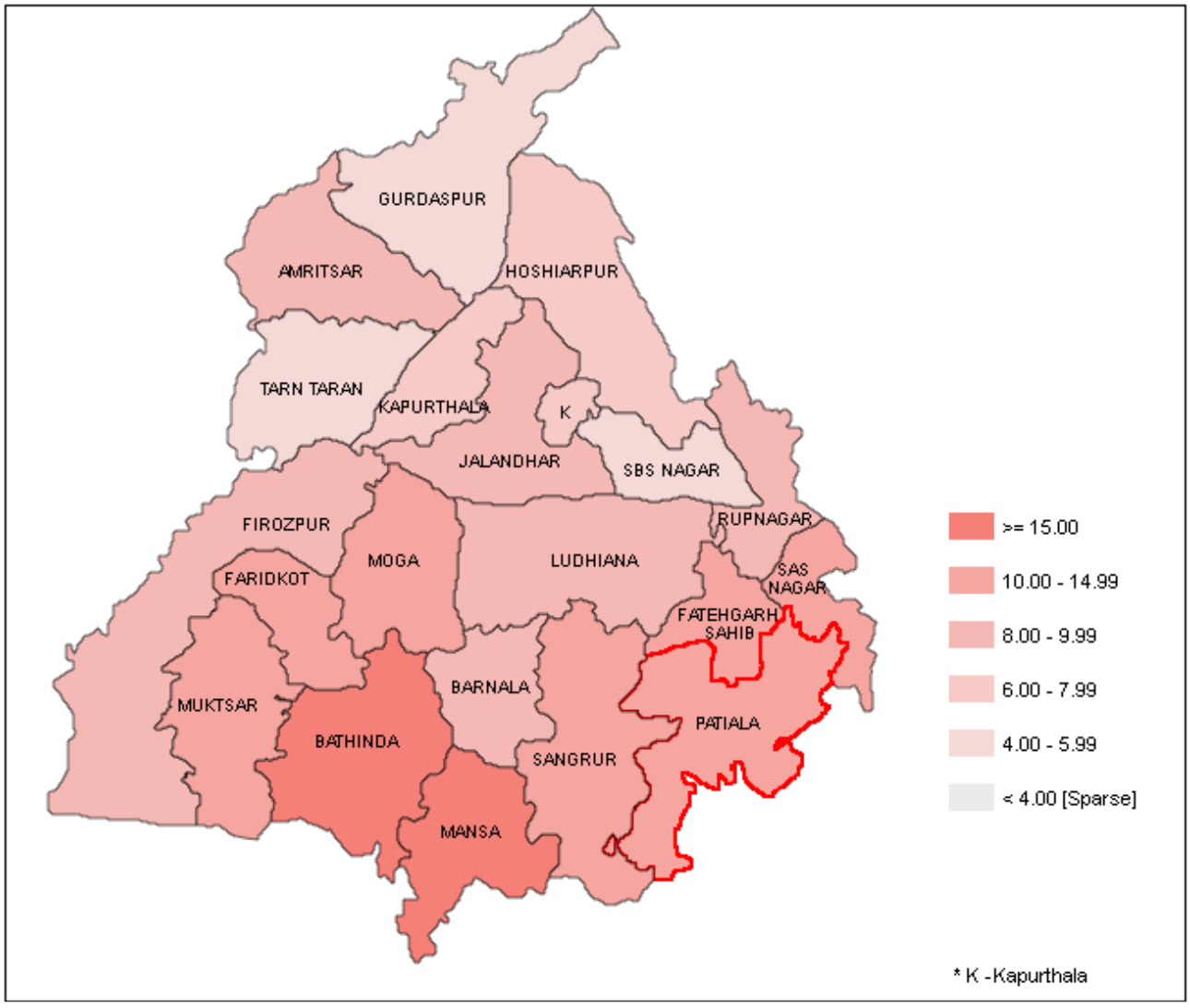
## Figure 5.13: District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Cervix Uteri (ICD-10: C53)



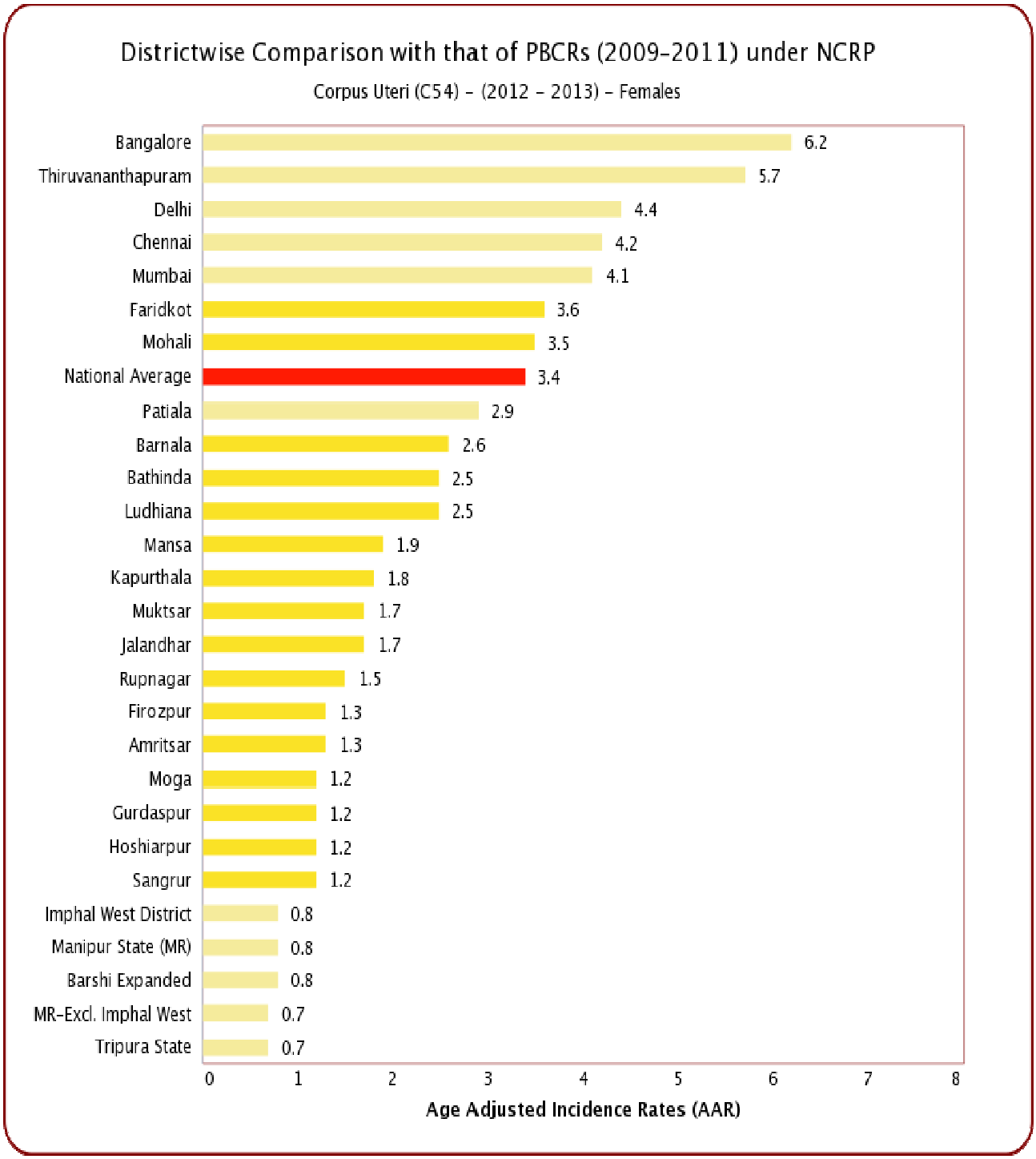
## Map 5.13 District wise Distribution of Age Adjusted Rate

### Cervix Uteri (ICD-10: C53) - 2012-2013



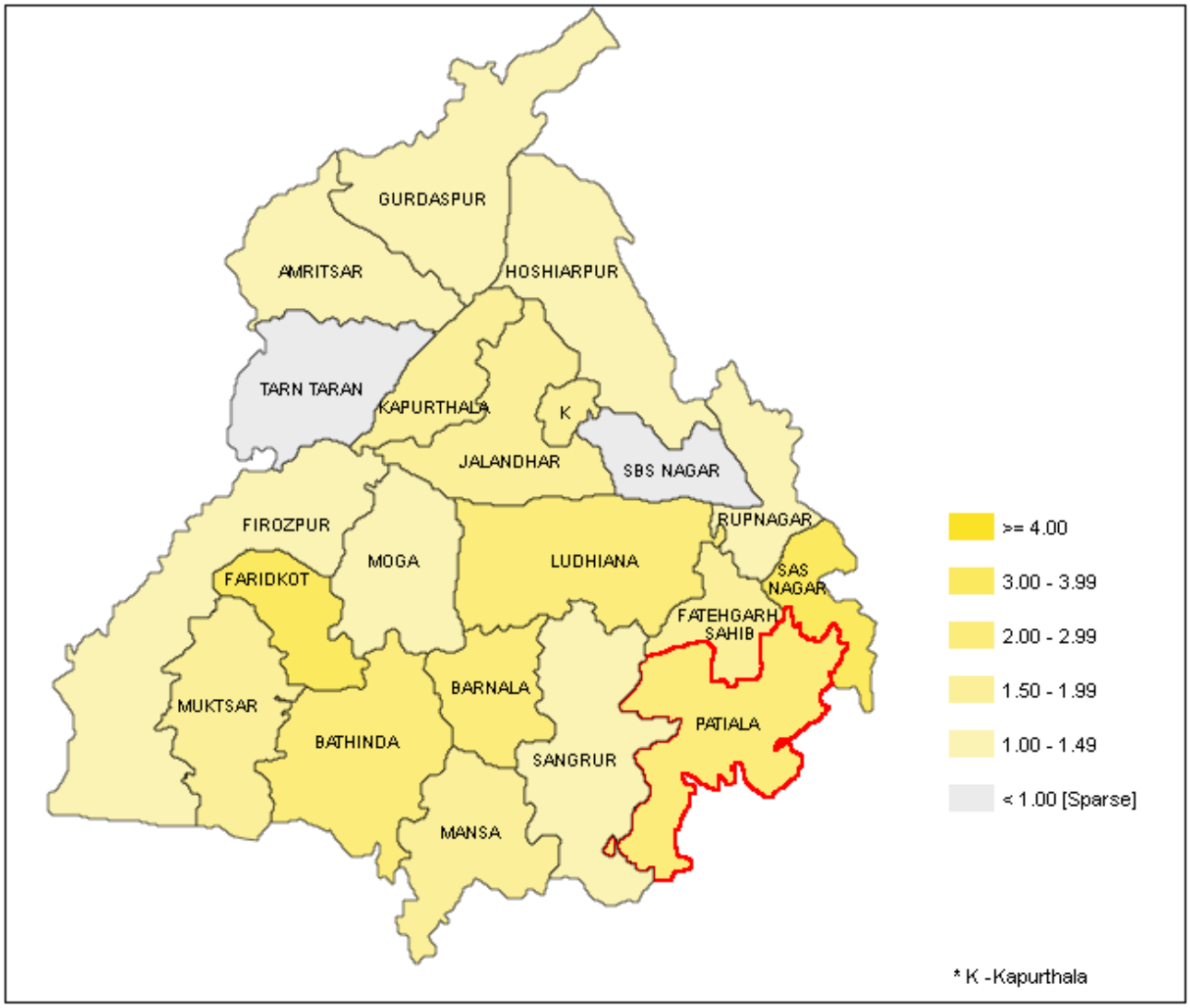
## Figure 5.14: District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Corpus Uteri (ICD-10: C54)



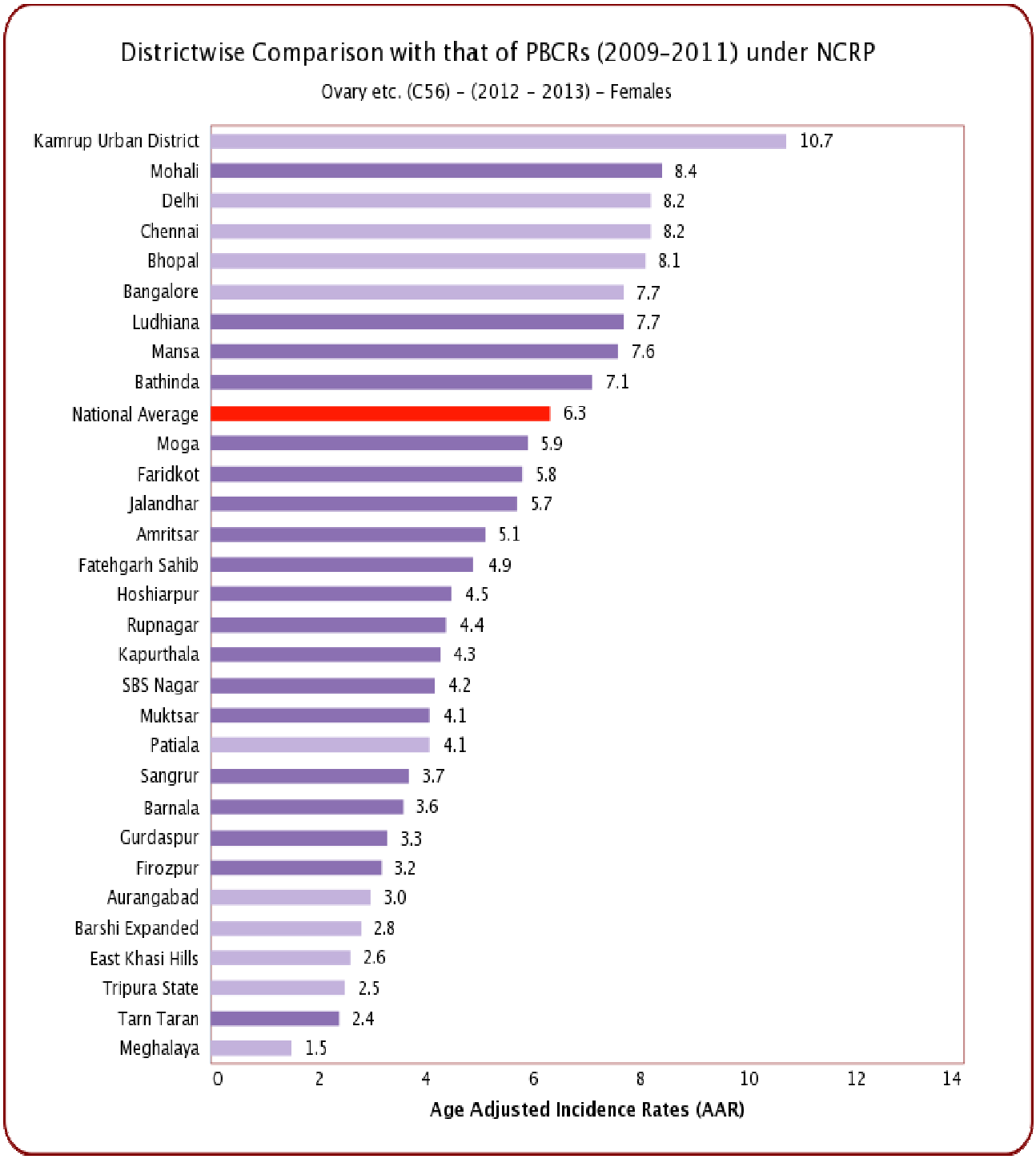
## Map 5.14 District wise Distribution of Age Adjusted Rate

### Corpus Uteri (ICD-10: C54) - 2012-2013



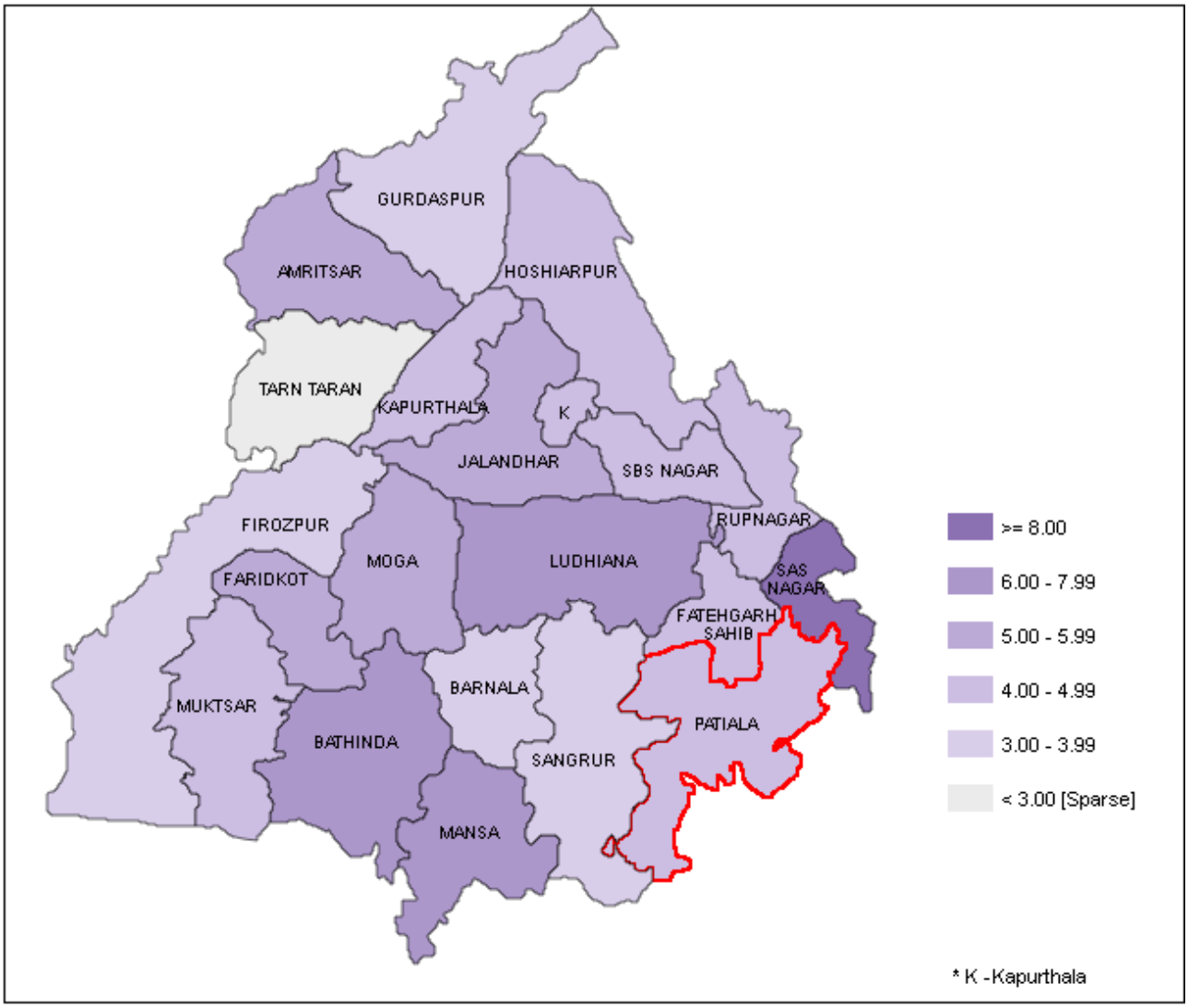
## Figure 5.15: District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

**Ovary etc. (ICD-10: C56)**



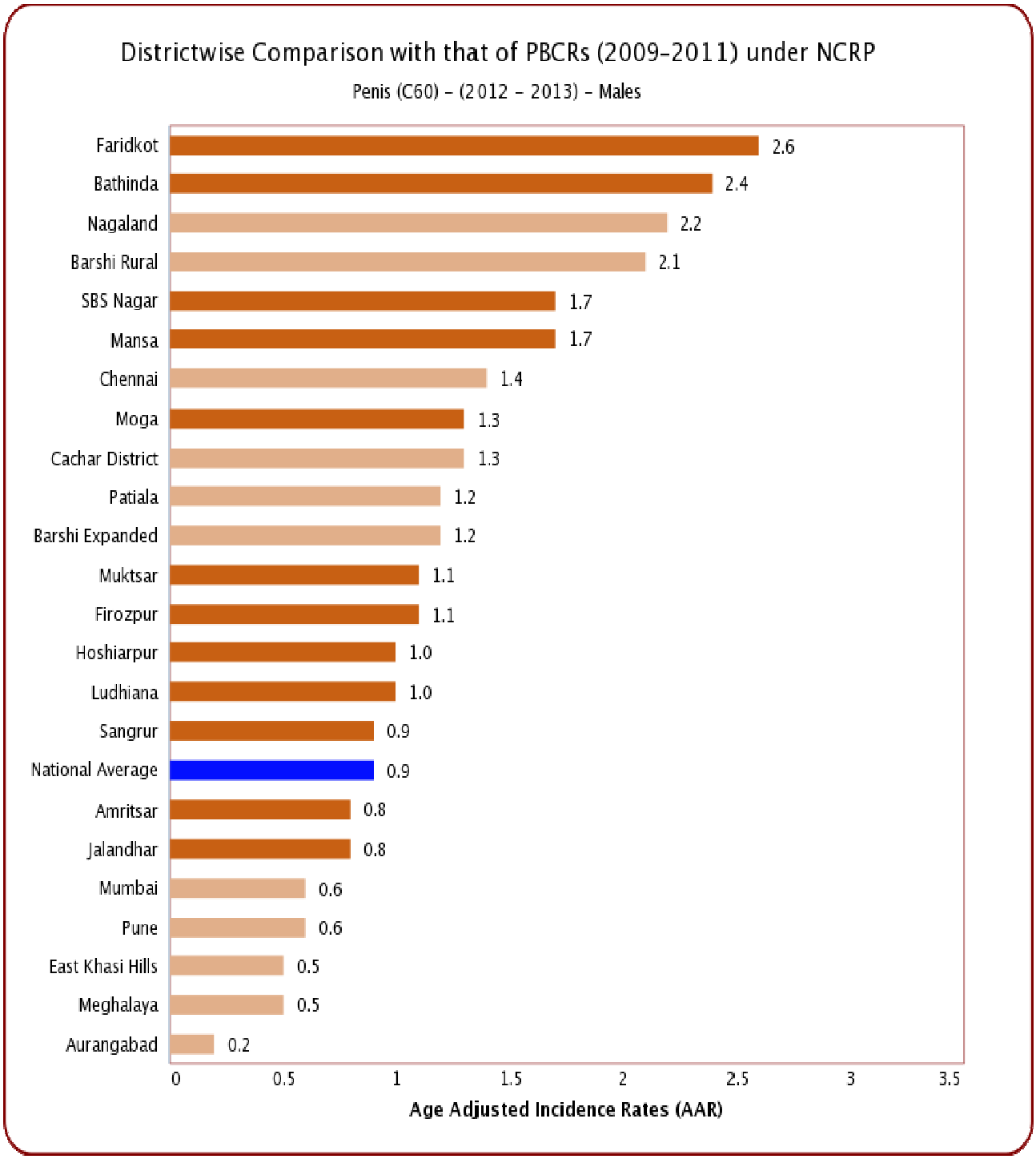
## Map 5.15 District wise Distribution of Age Adjusted Rate

### Ovary (ICD-10: C56) - 2012-2013



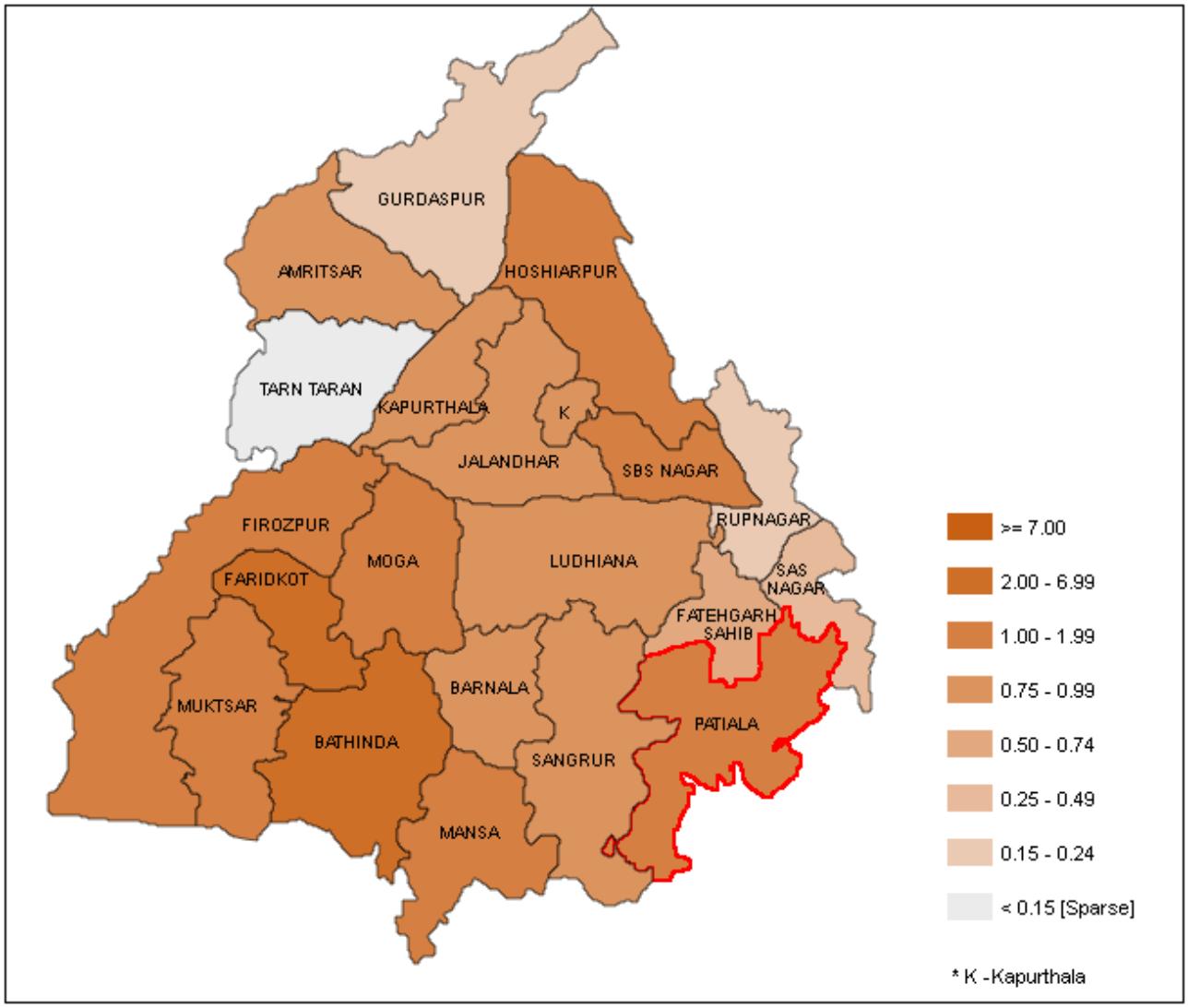
## Figure 5.16: District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

**Penis (ICD-10: C60)**



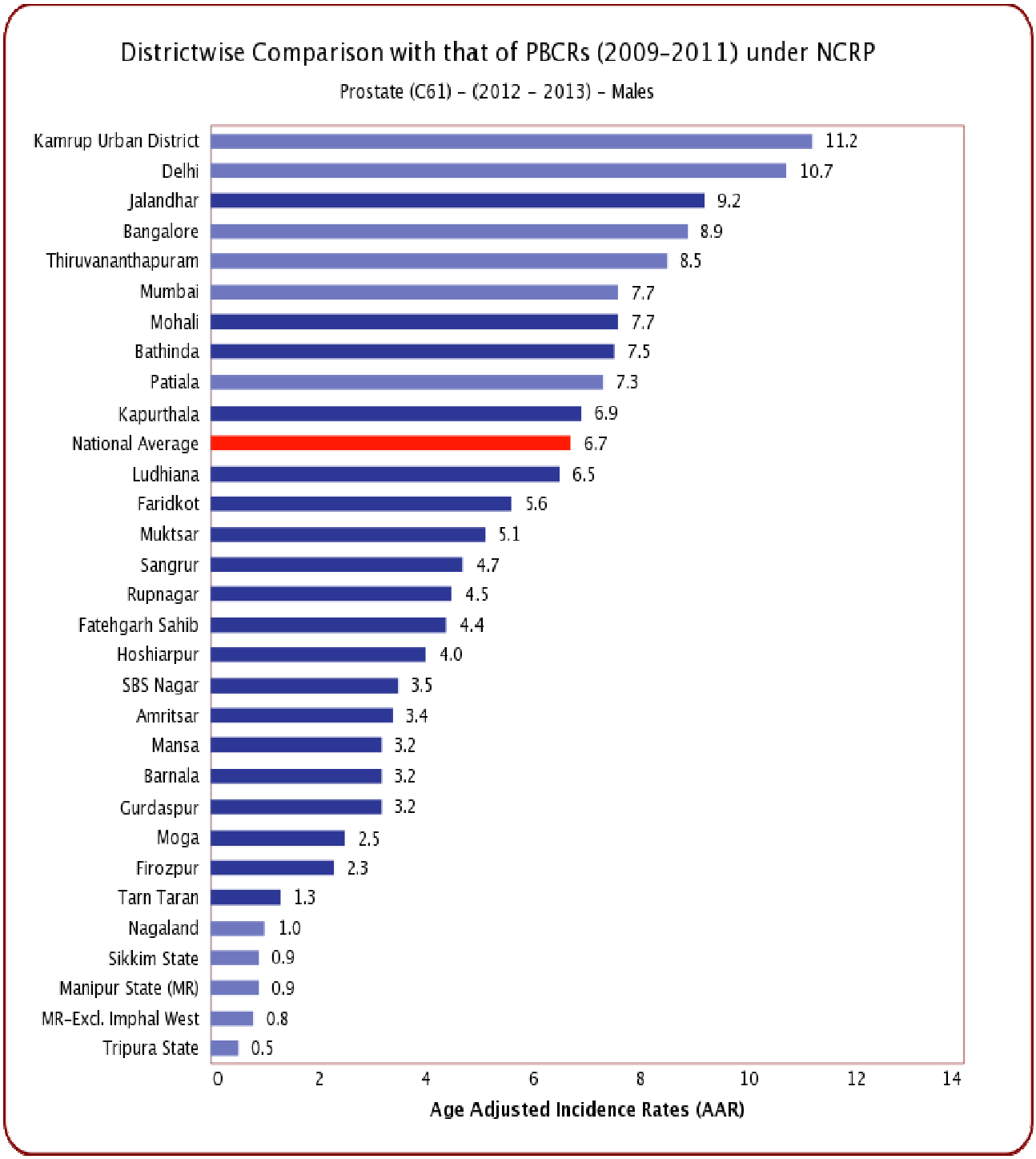
## Map 5.16 District wise Distribution of Age Adjusted Rate

### Penis (ICD-10: C60) - 2012-2013



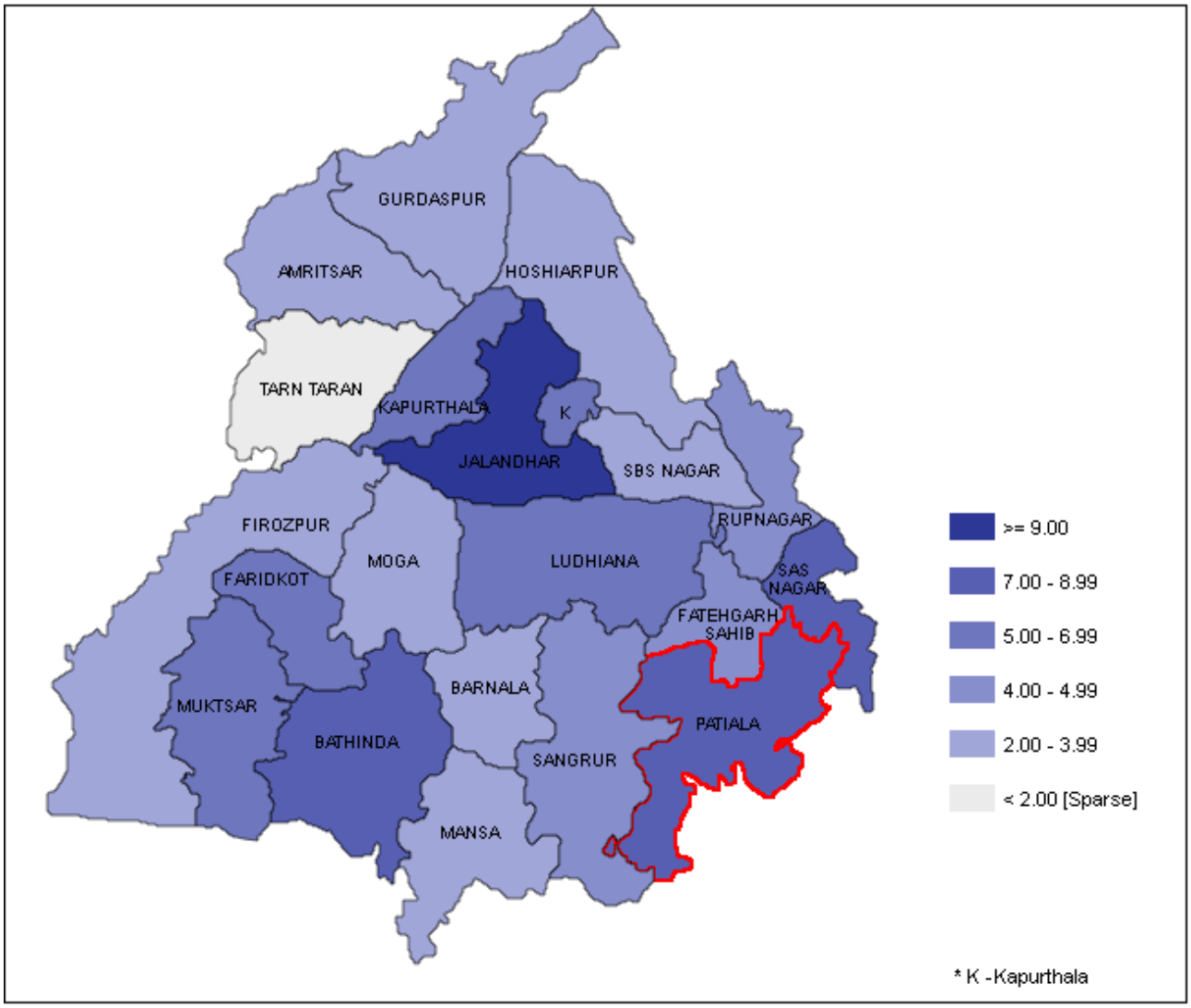
## Figure 5.17: District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

**Prostate (ICD-10: C61)**



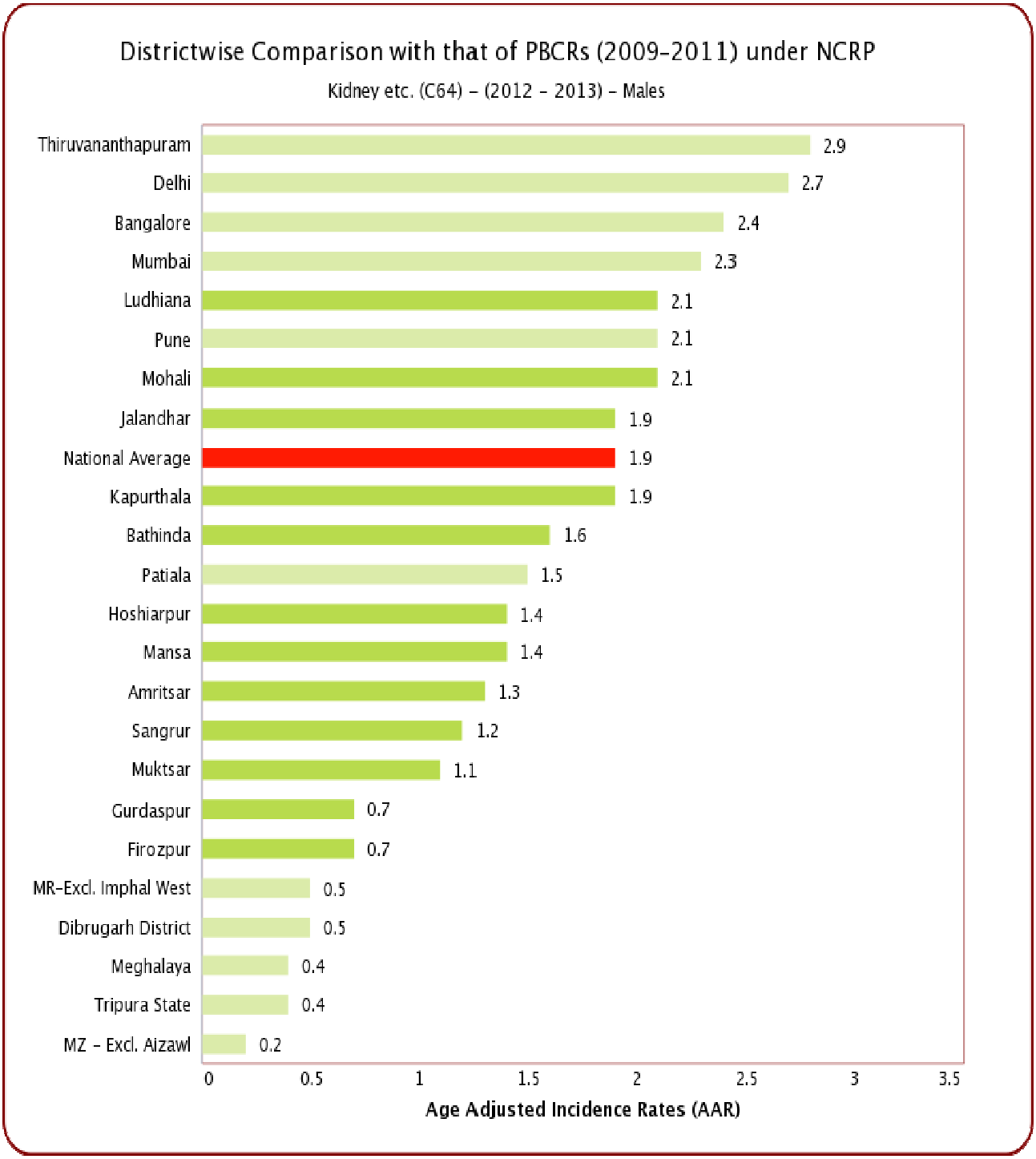
## Map 5.17 District wise Distribution of Age Adjusted Rate

### Prostate (ICD-10: C61) - 2012-2013



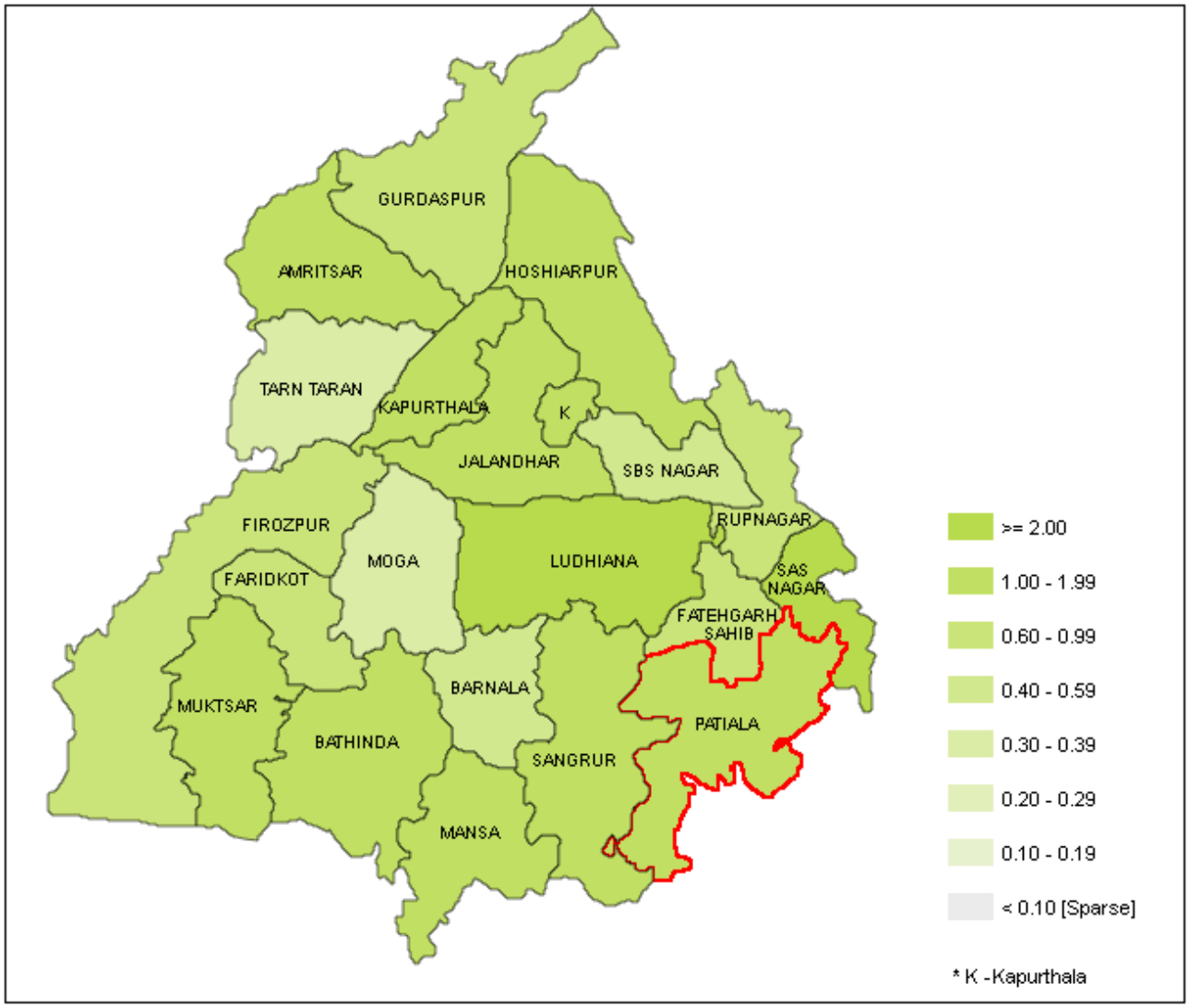
## Figure 5.18: District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Kidney etc. (ICD-10: C64) - Males



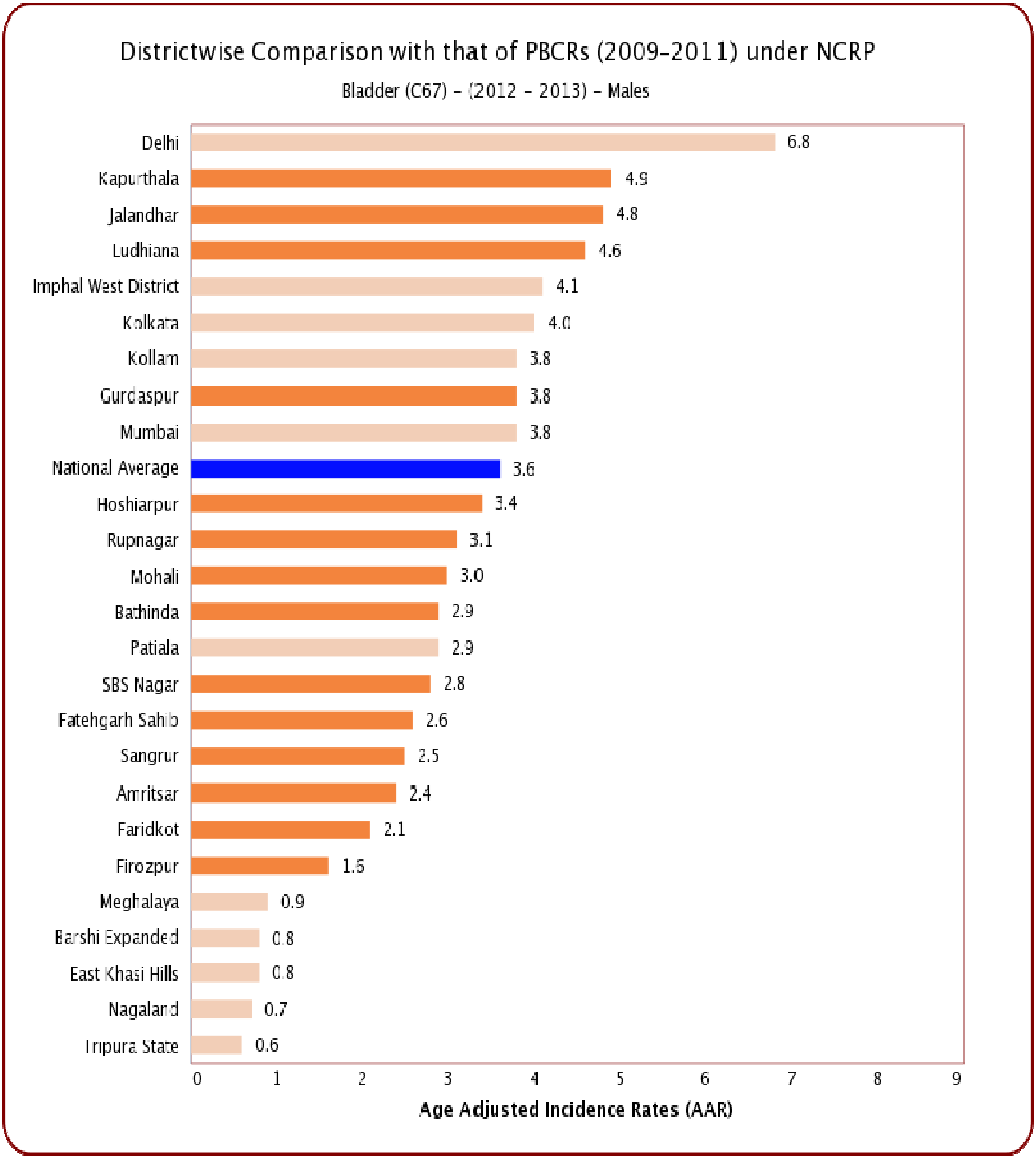
## Map 5.18 District wise Distribution of Age Adjusted Rate

### Kidney etc. (ICD-10: C64) 2012-2013 - Males



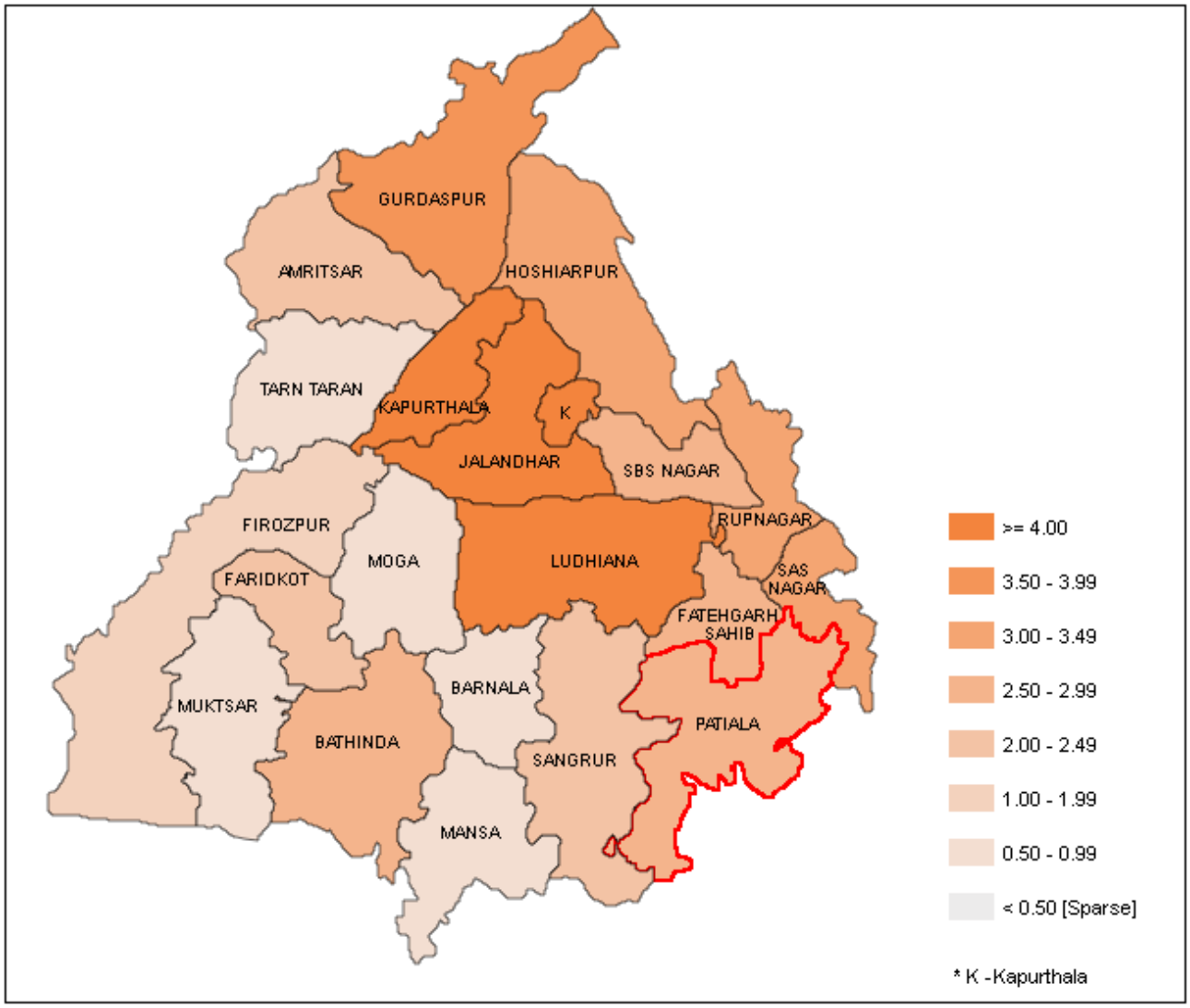
## Figure 5.19: District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Urinary Bladder (ICD-10: C67) - Males



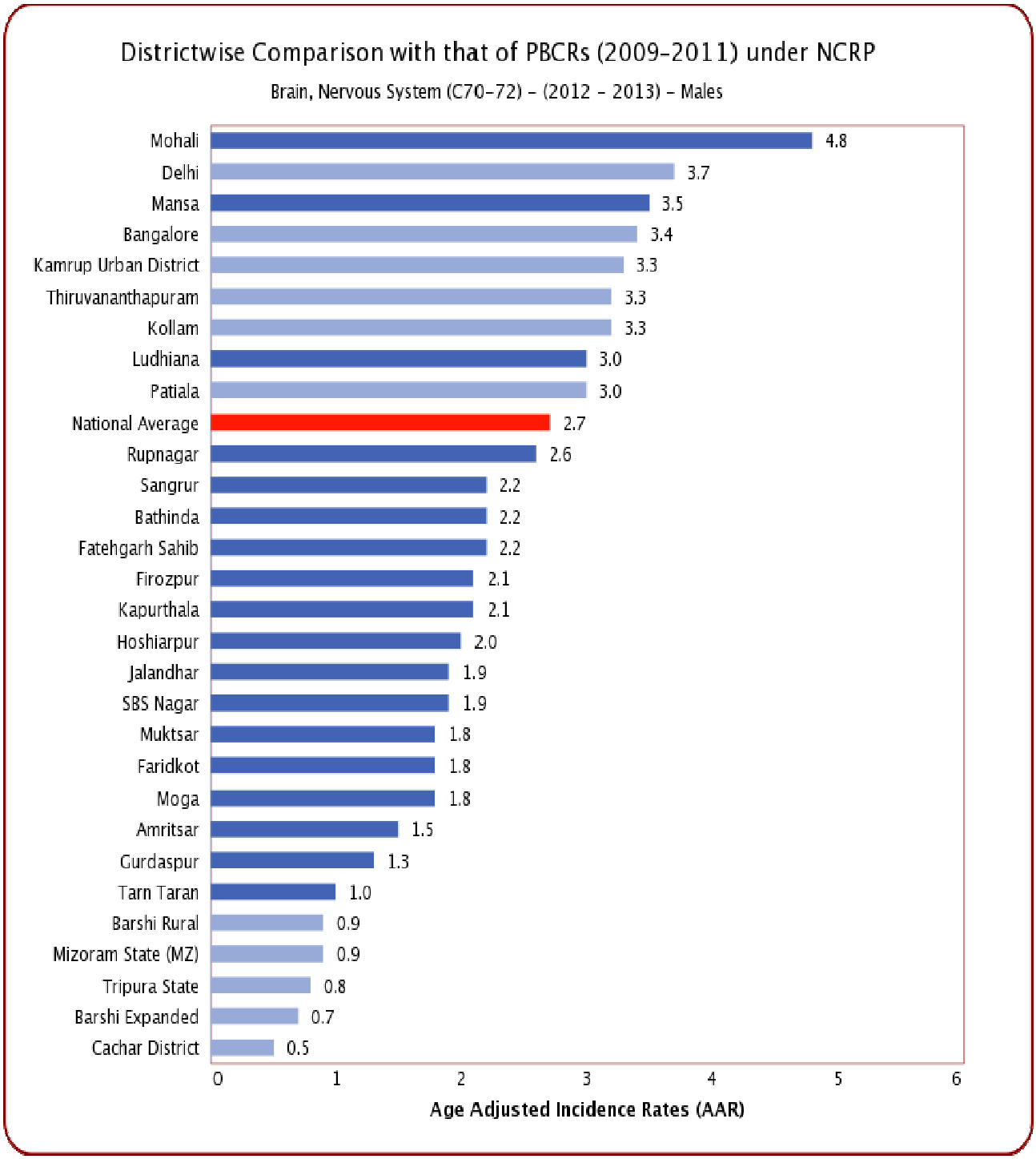
## Map 5.19 District wise Distribution of Age Adjusted Rate

### Urinary Bladder (ICD-10: C67) 2012-2013 - Males



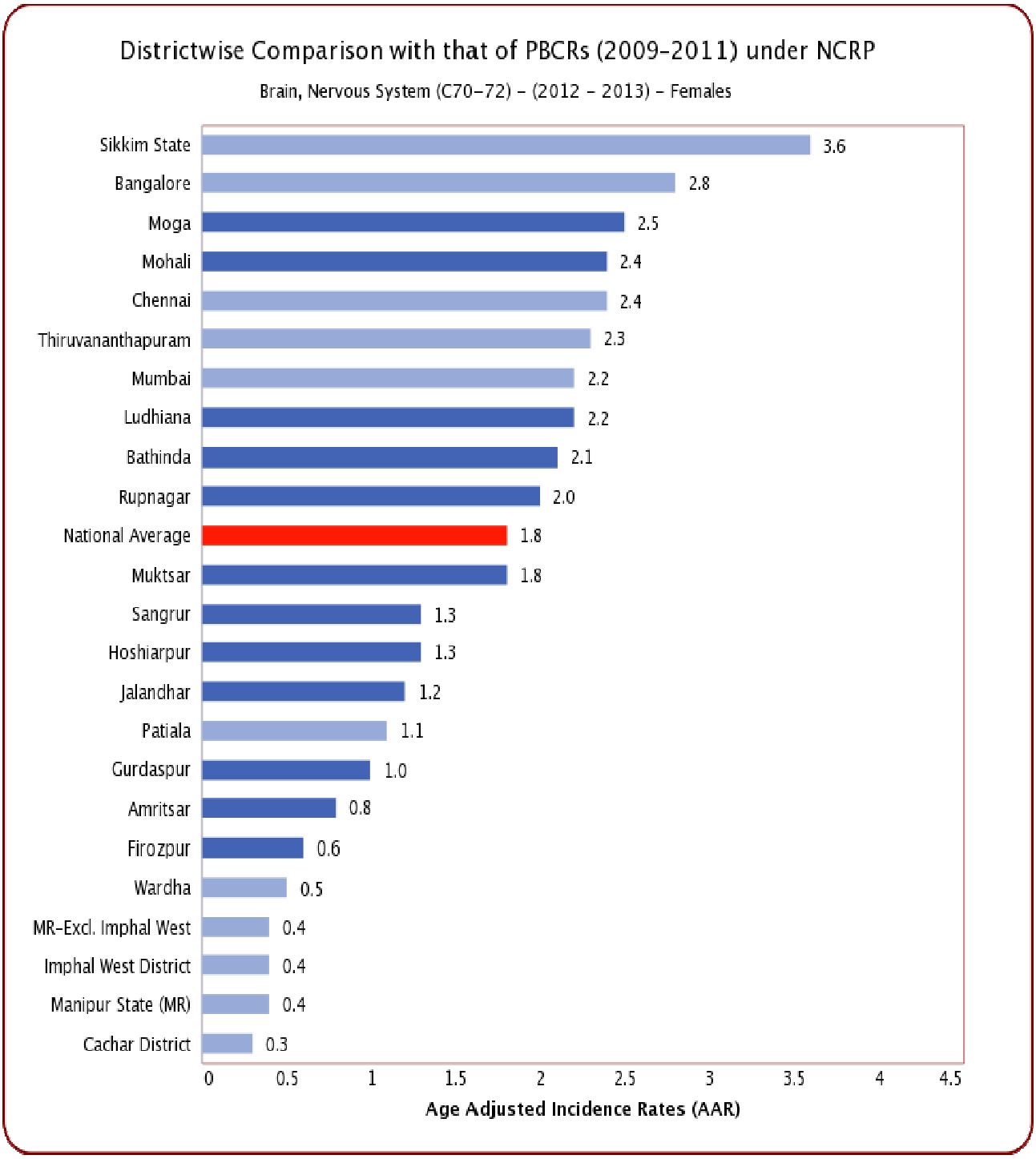
## Figure 5.20(a): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Brain, Nervous System (ICD-10: C70-C72) - Males



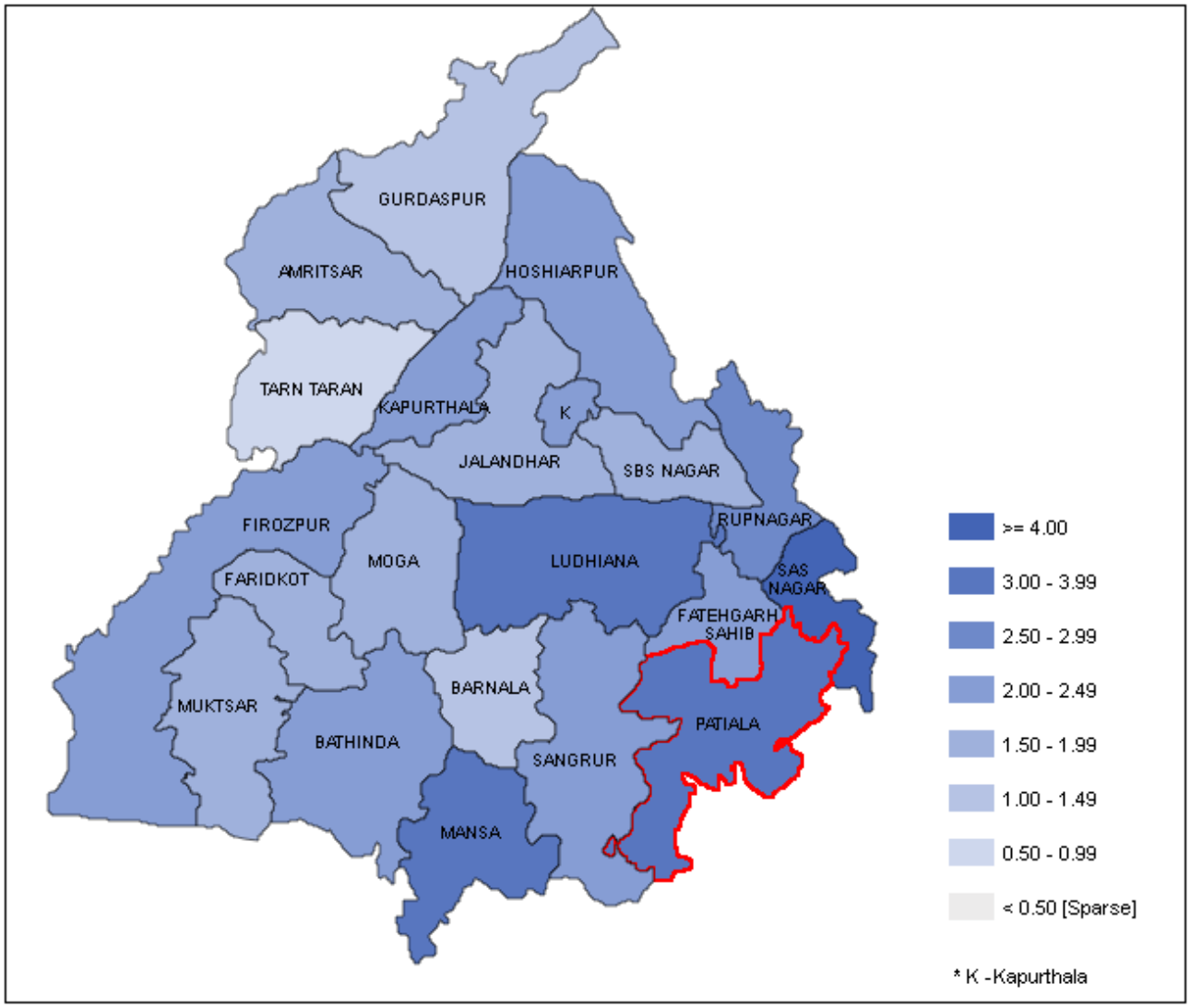
## Figure 5.20(b): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Brain, Nervous System (ICD-10: C70-C72) - Females



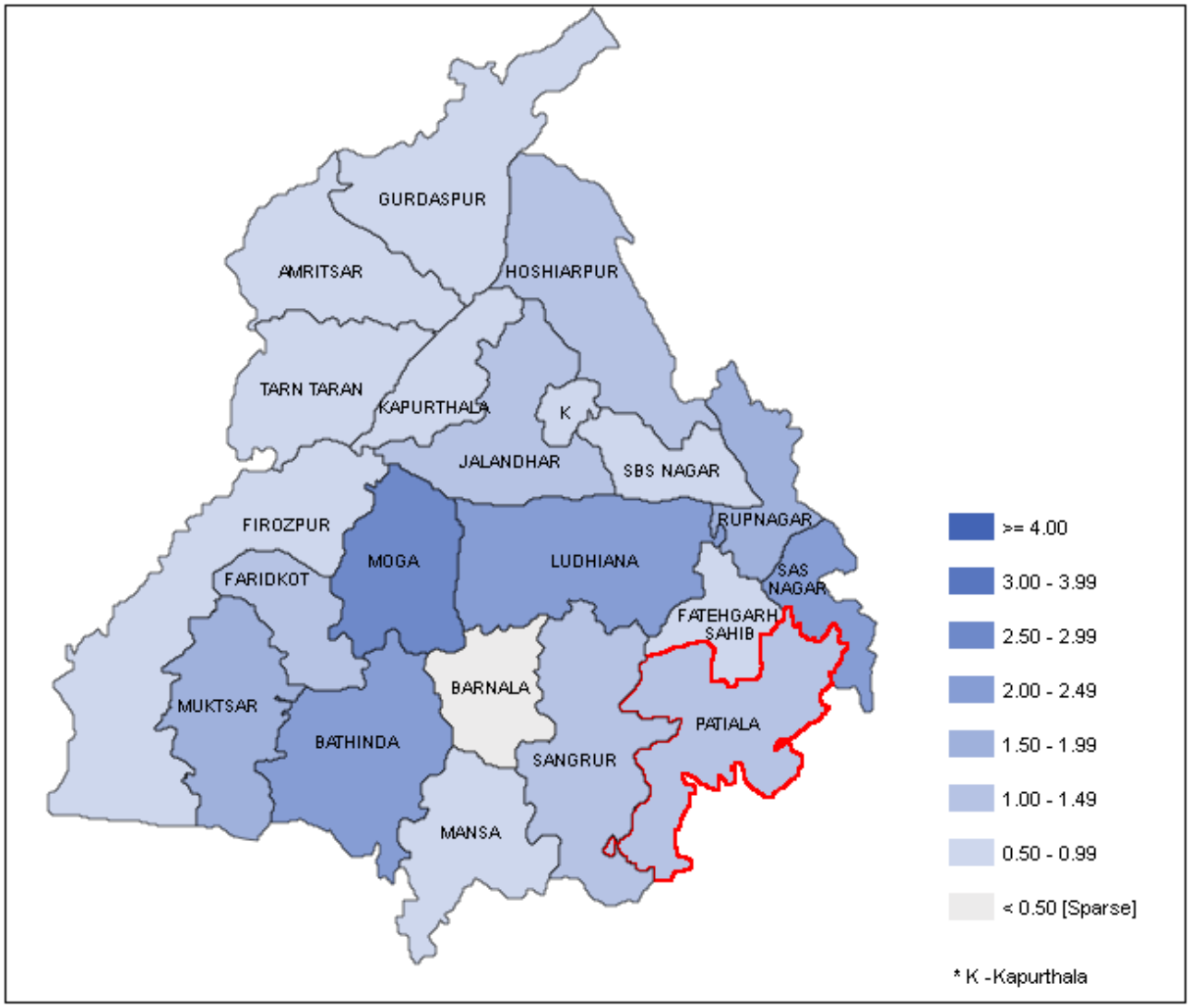
## Map 5.20(a) District wise Distribution of Age Adjusted Rate

### Brain, Nervous System (ICD-10: C70-C72) 2012-2013 - Males



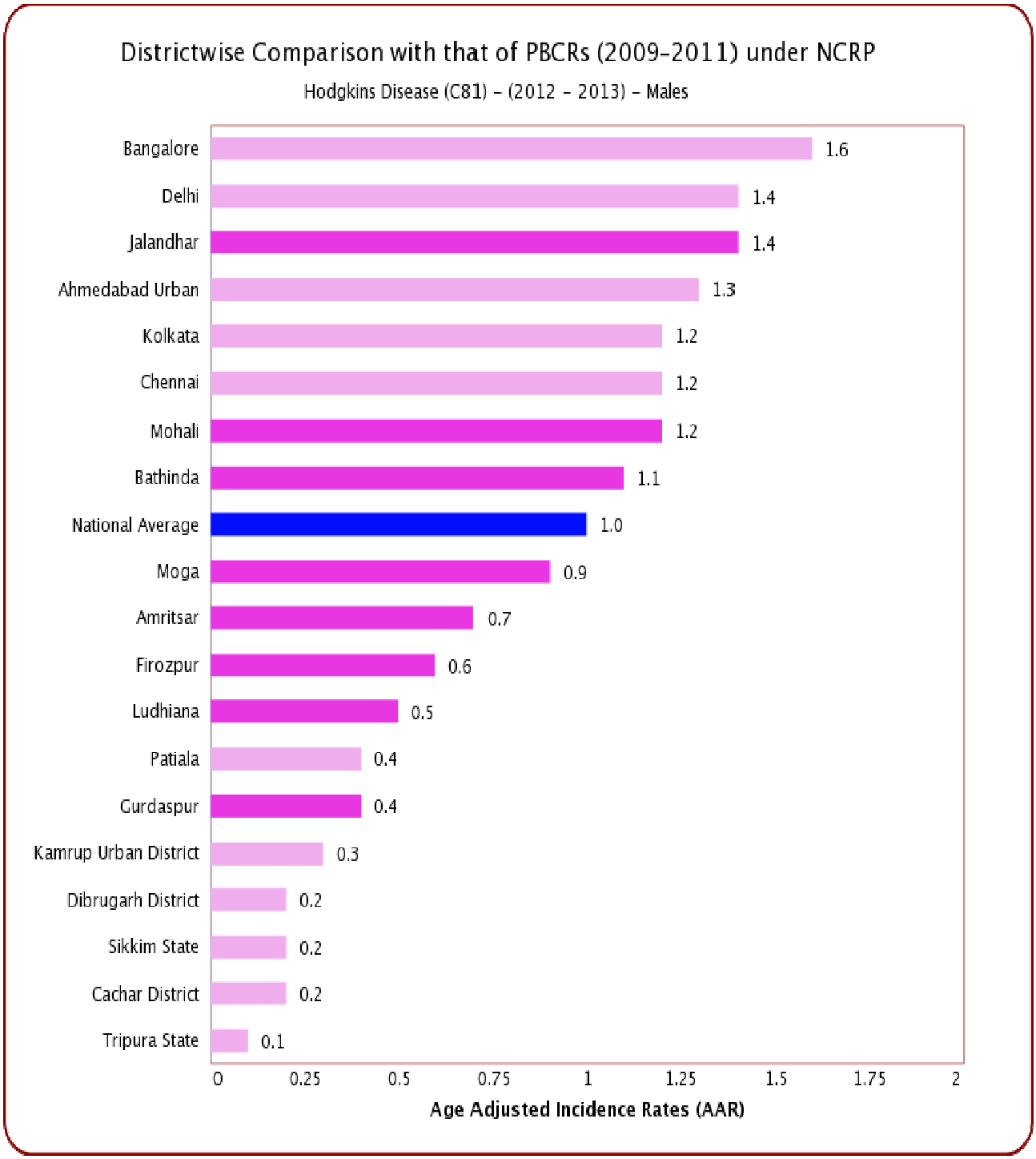
## Map 5.20(b) District wise Distribution of Age Adjusted Rate

### Brain, Nervous System (ICD-10: C70-C72) 2012-2013 - Females



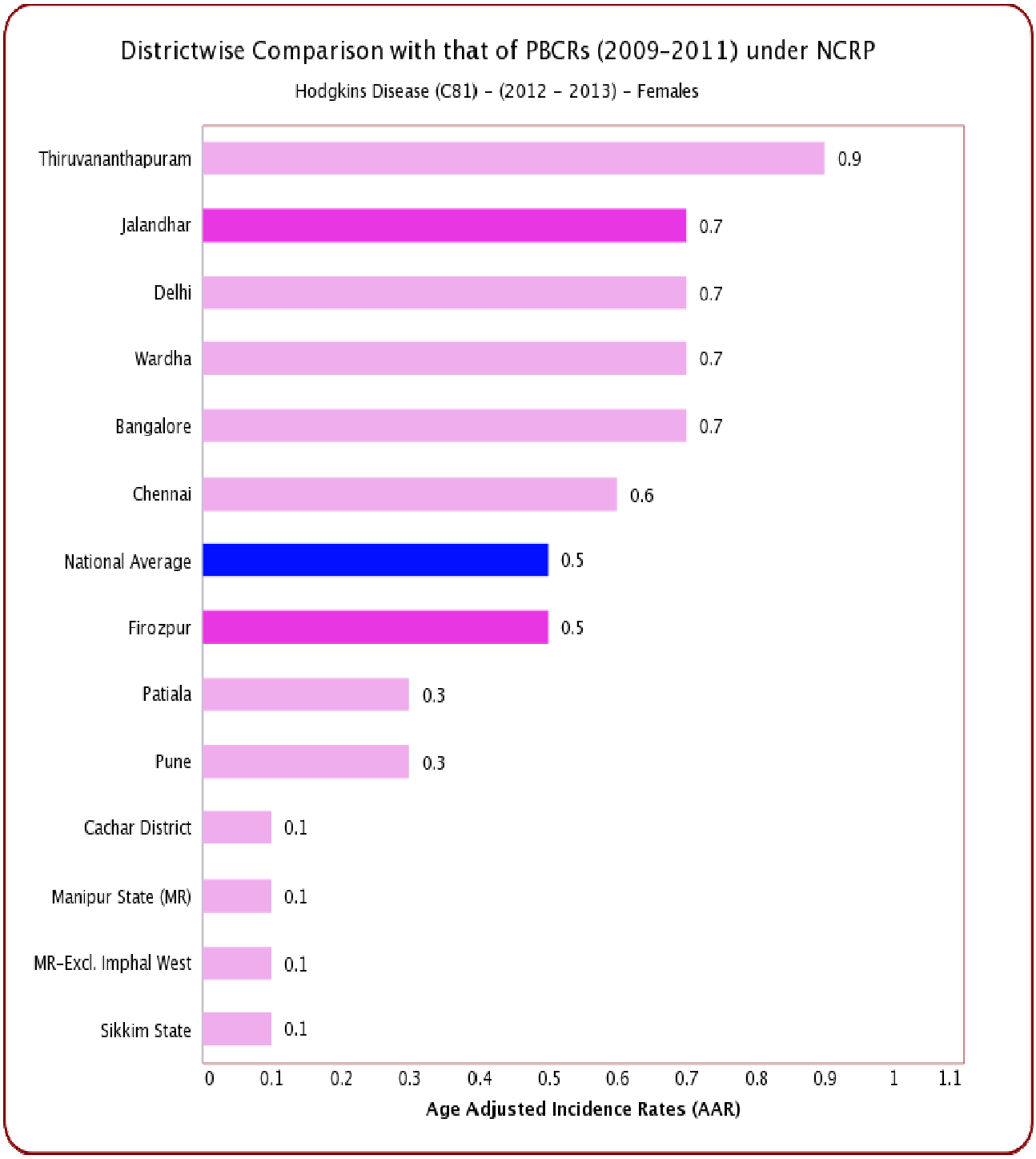
## Figure 5.21(a): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Hodgkins Disease (ICD-10: C81) - Males



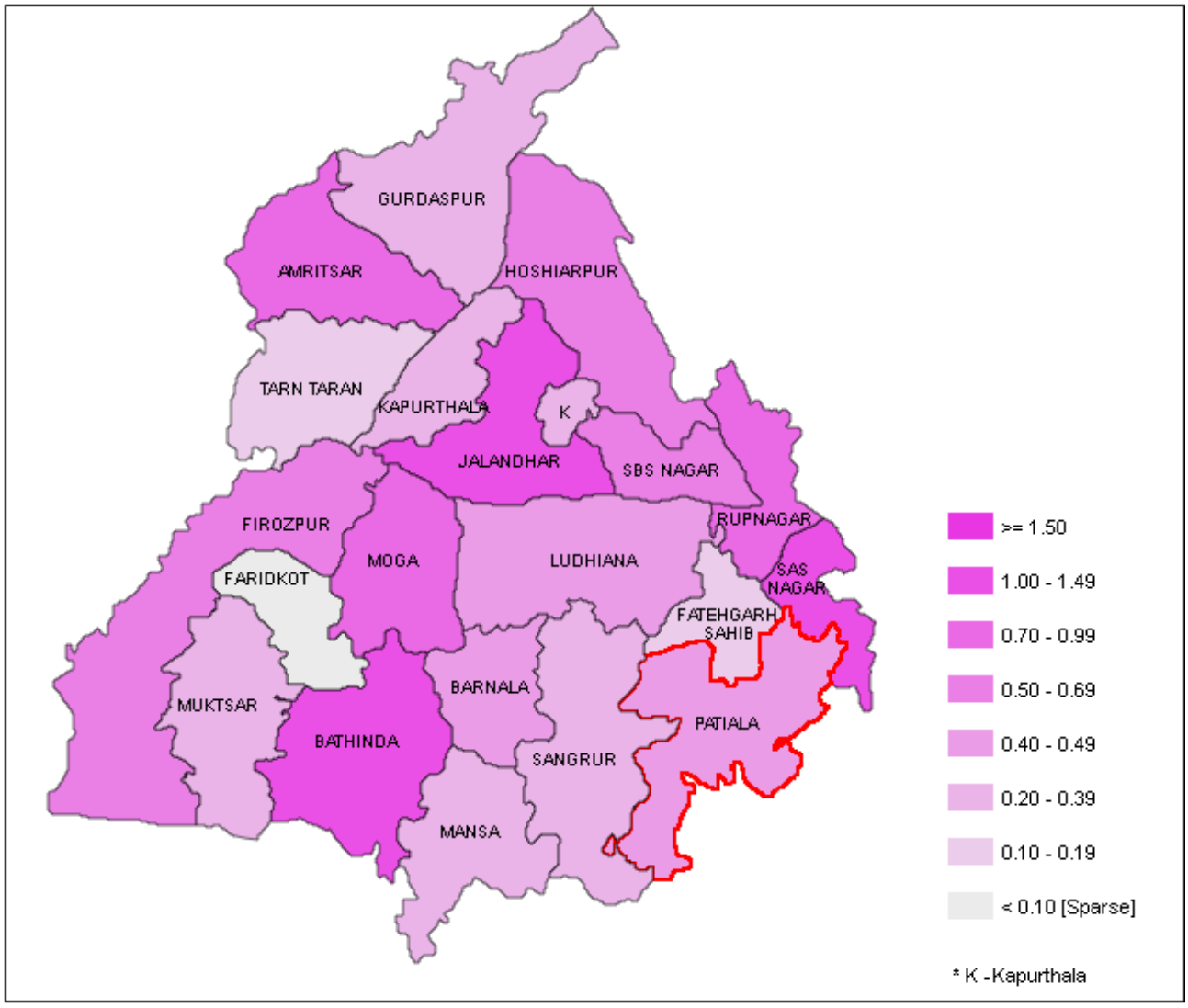
## Figure 5.21(b): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Hodgkins Disease (ICD-10: C81) - Females



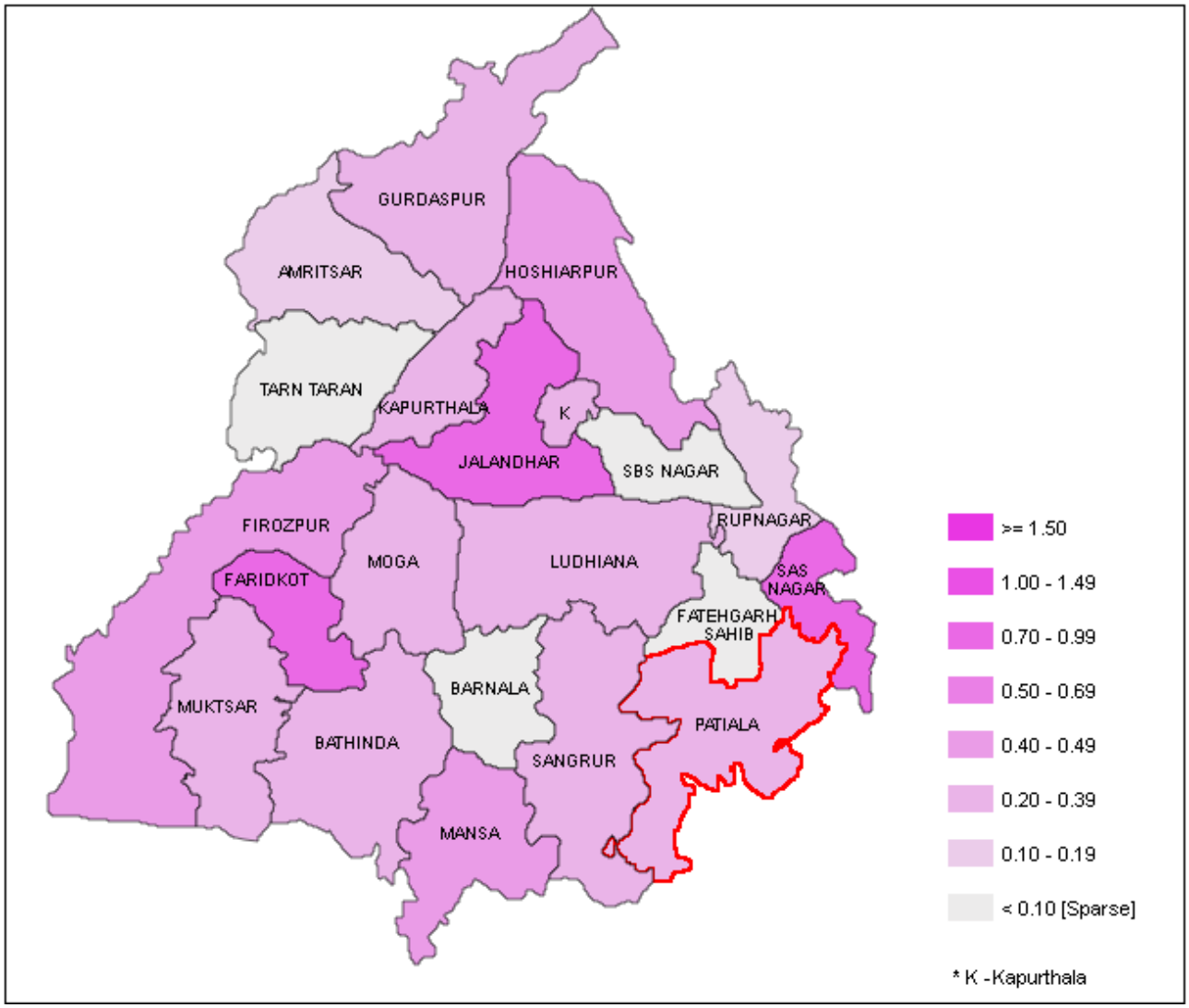
## Map 5.21(a) District wise Distribution of Age Adjusted Rate

### Hodgkins Disease (ICD-10: C81) 2012-2013 - Males



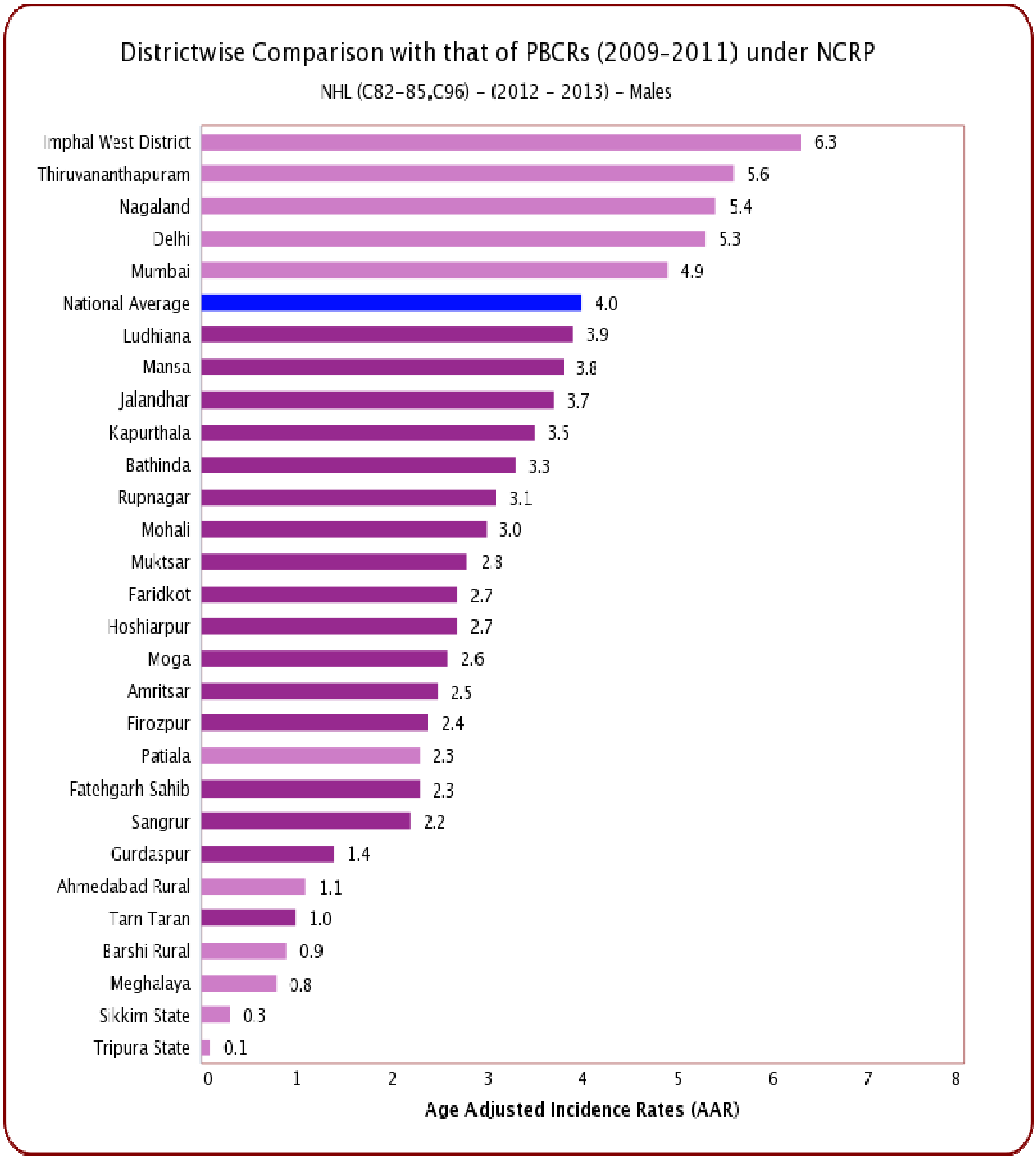
## Map 5.21(b) District wise Distribution of Age Adjusted Rate

### Hodgkins Disease (ICD-10: C81) 2012-2013 – Females



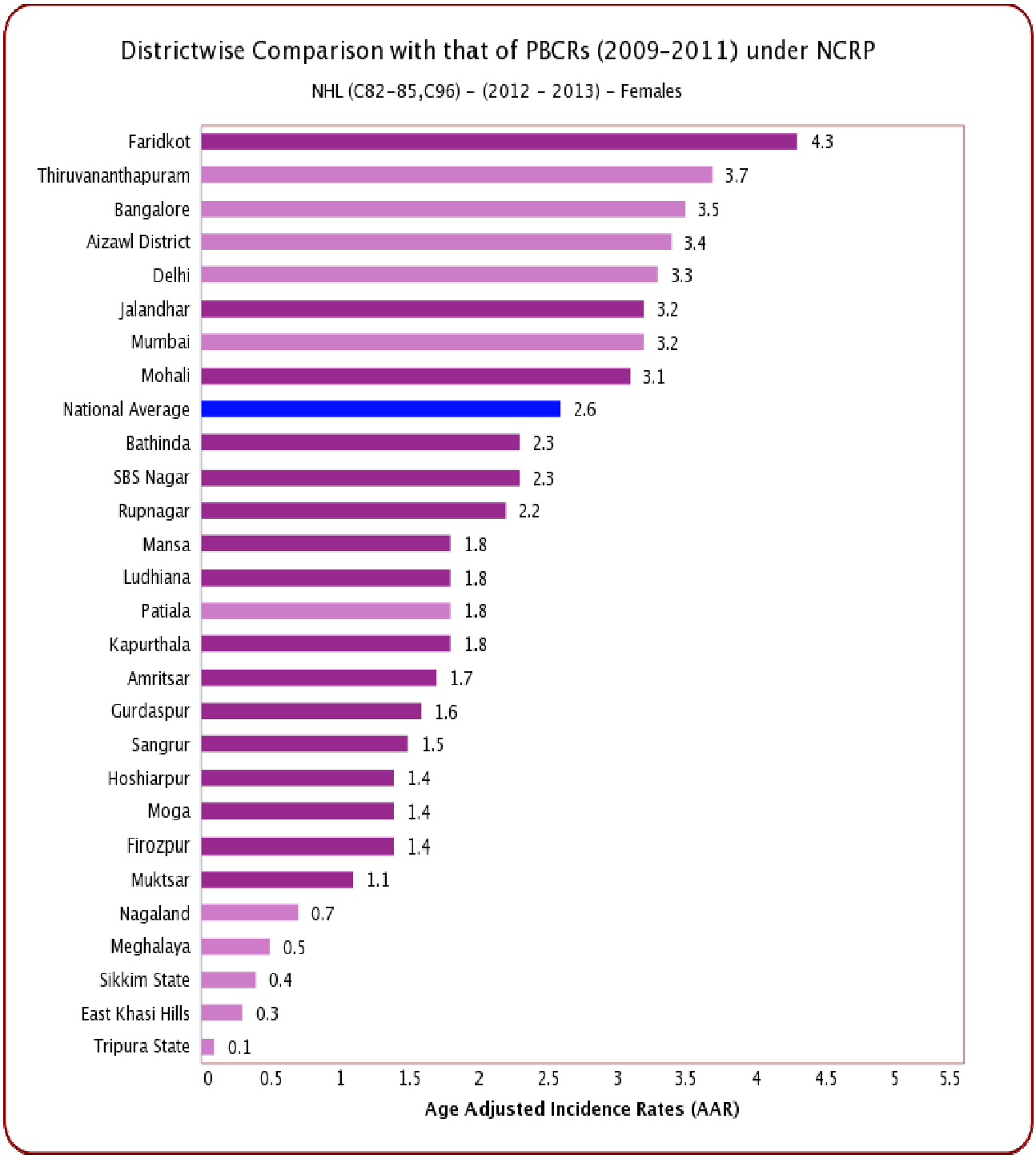
## Figure 5.22(a): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Non-Hodgkin's Lymphoma (ICD-10: C82-C85, C96) - Males



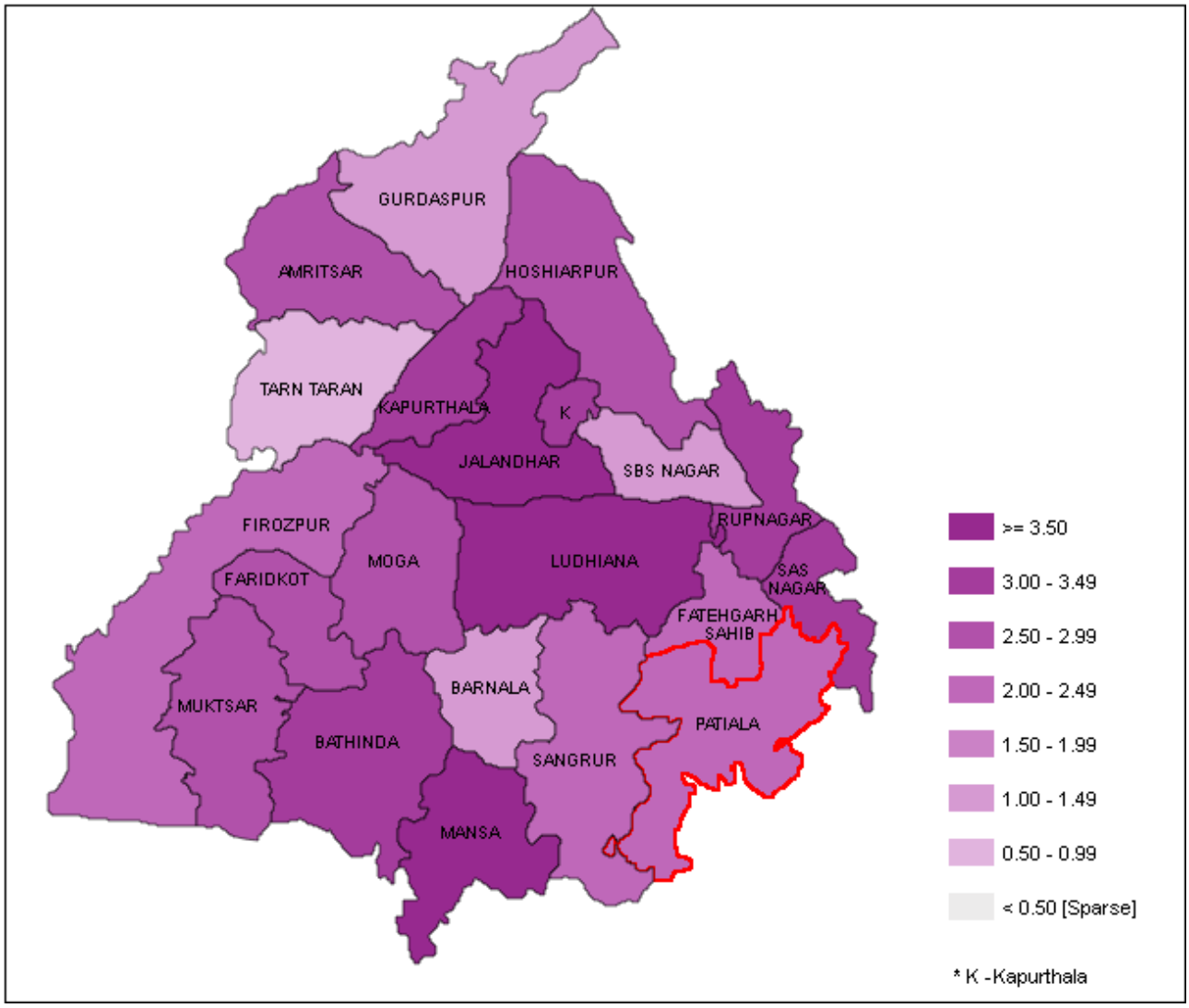
## Figure 5.22(b): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Non-Hodgkin's Lymphoma (ICD-10: C82-C85, C96) - Females



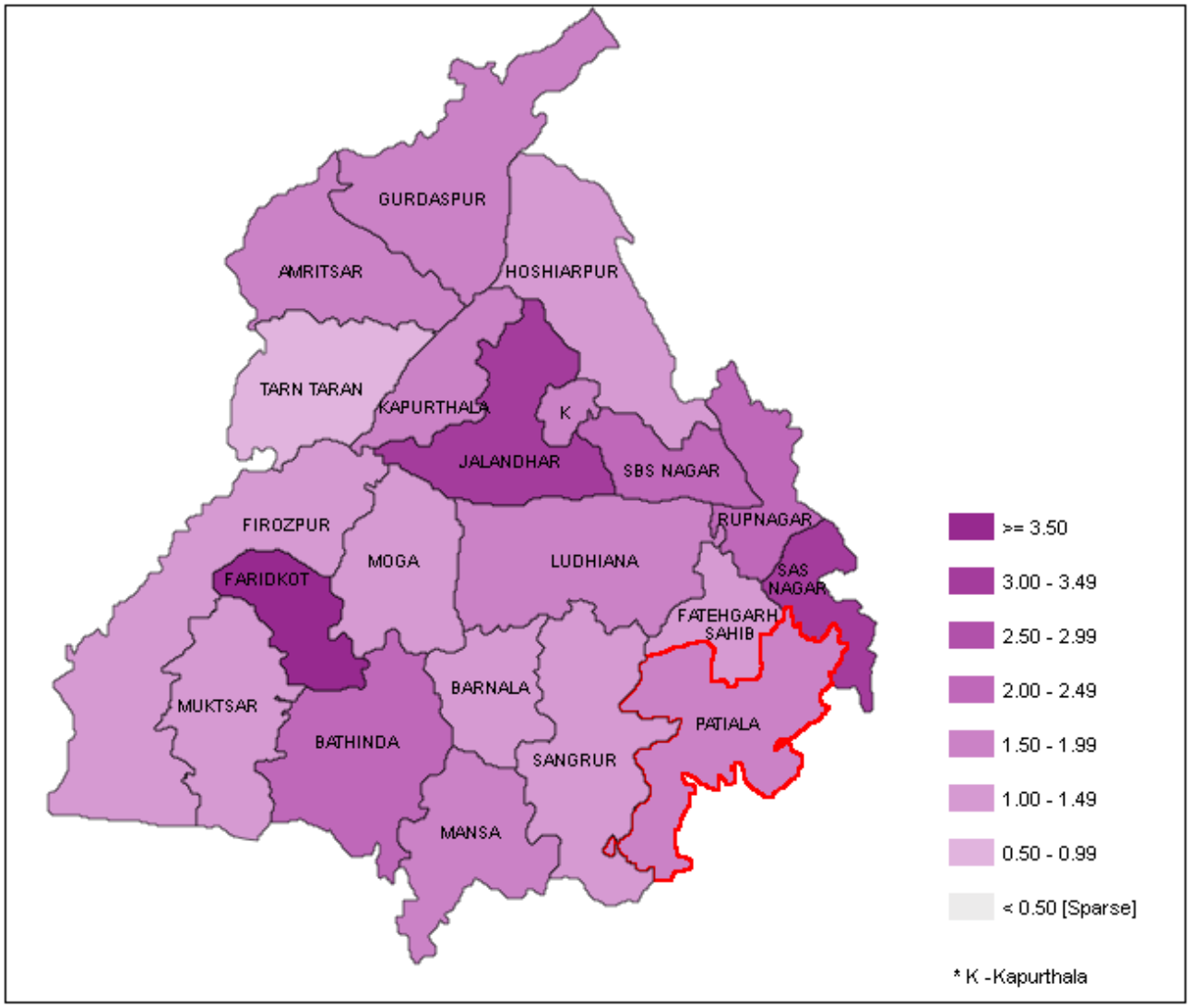
## Map 5.22(a) District wise Distribution of Age Adjusted Rate

### Non-Hodgkin's Lymphoma (ICD-10: C82-C85, C96) 2012-2013 - Males



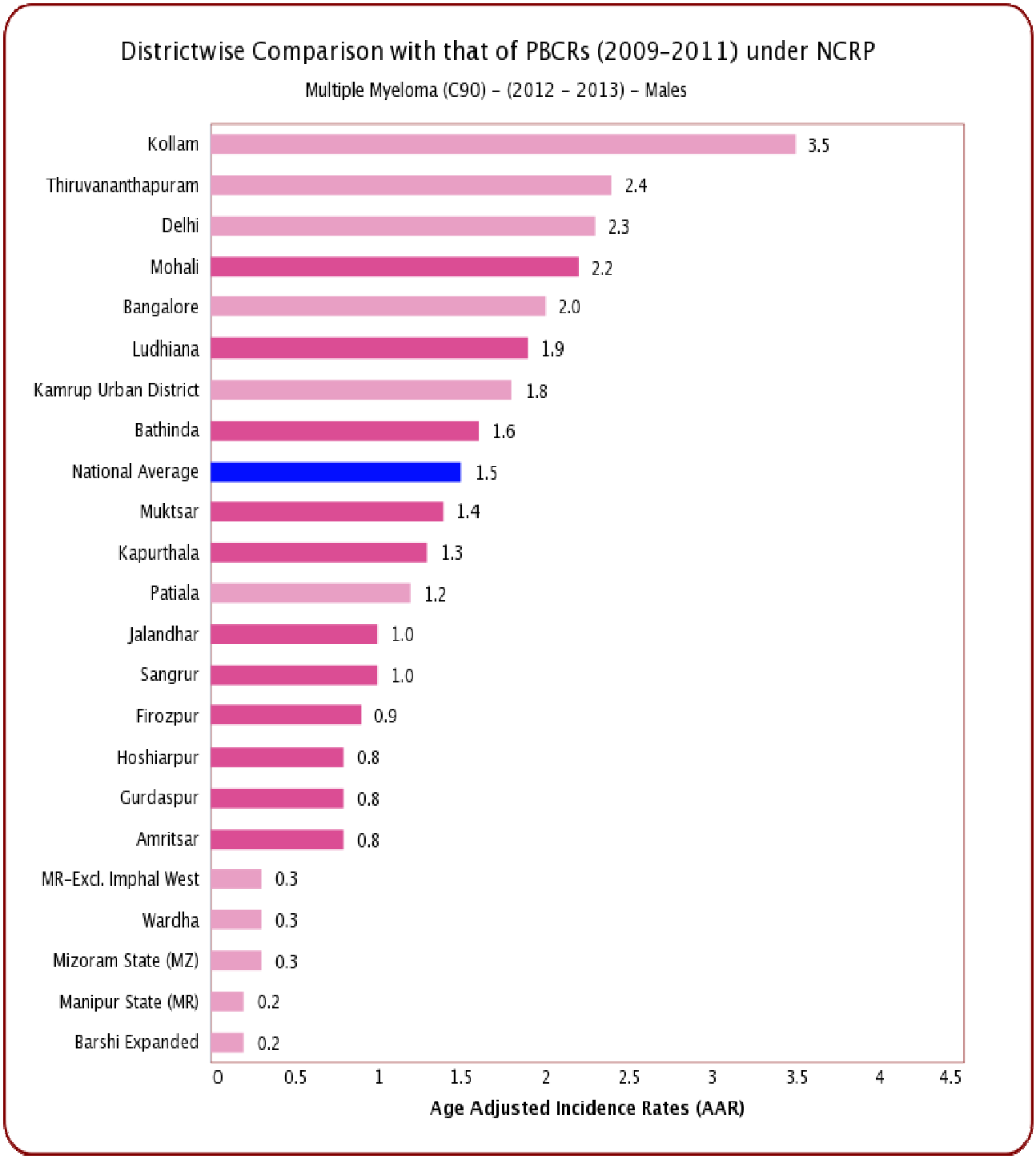
## Map 5.22(b) District wise Distribution of Age Adjusted Rate

### Non-Hodgkin's Lymphoma (ICD-10: C82-C85, C96) 2012-2013 - Females



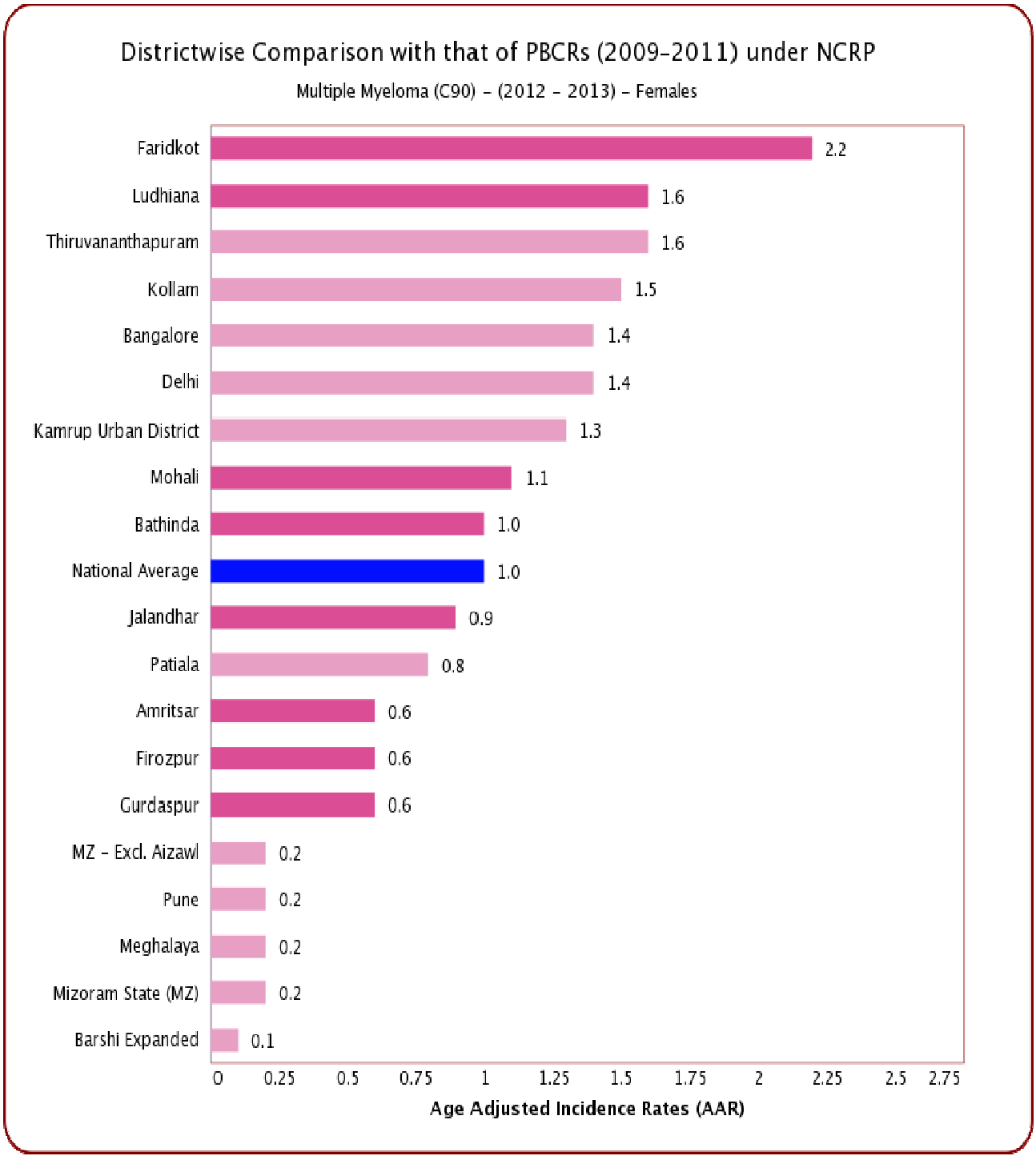
## Figure 5.23(a): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Multiple Myeloma (ICD-10: C90) - Males



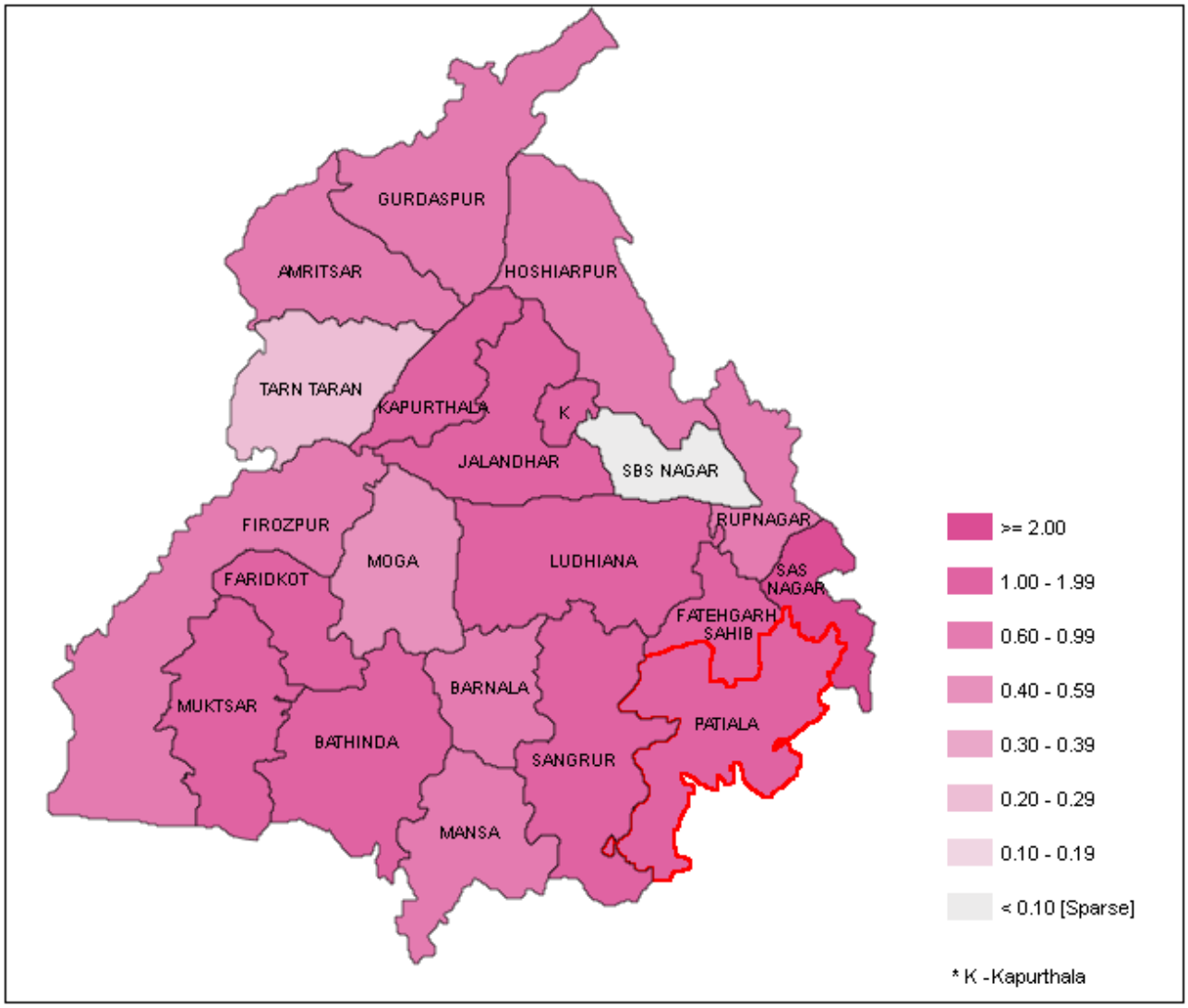
## Figure 5.23(b): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Multiple Myeloma (ICD-10: C90) - Females



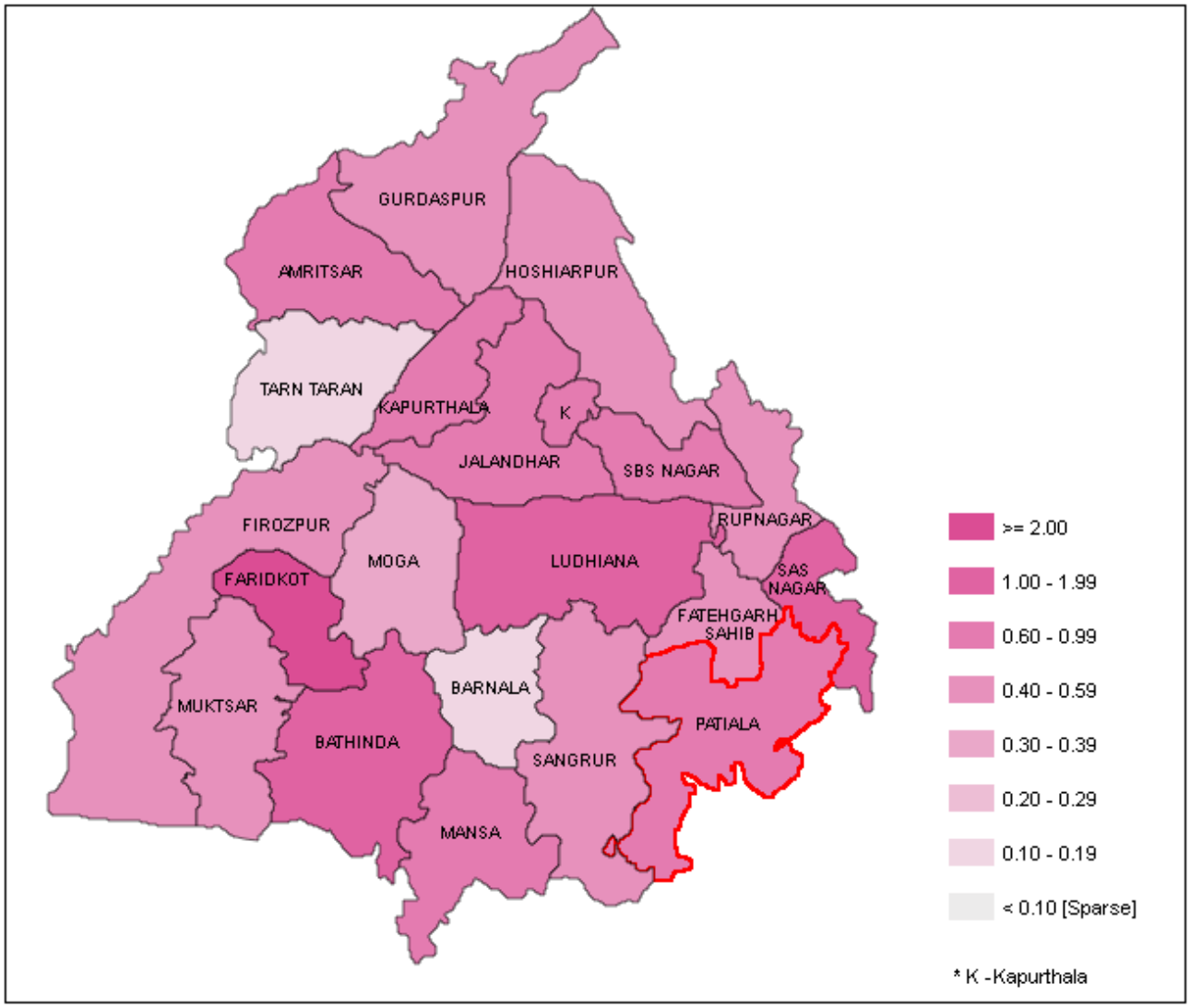
## Map 5.23(a) District wise Distribution of Age Adjusted Rate

### Multiple Myeloma (ICD-10: C90) 2012-2013 - Males



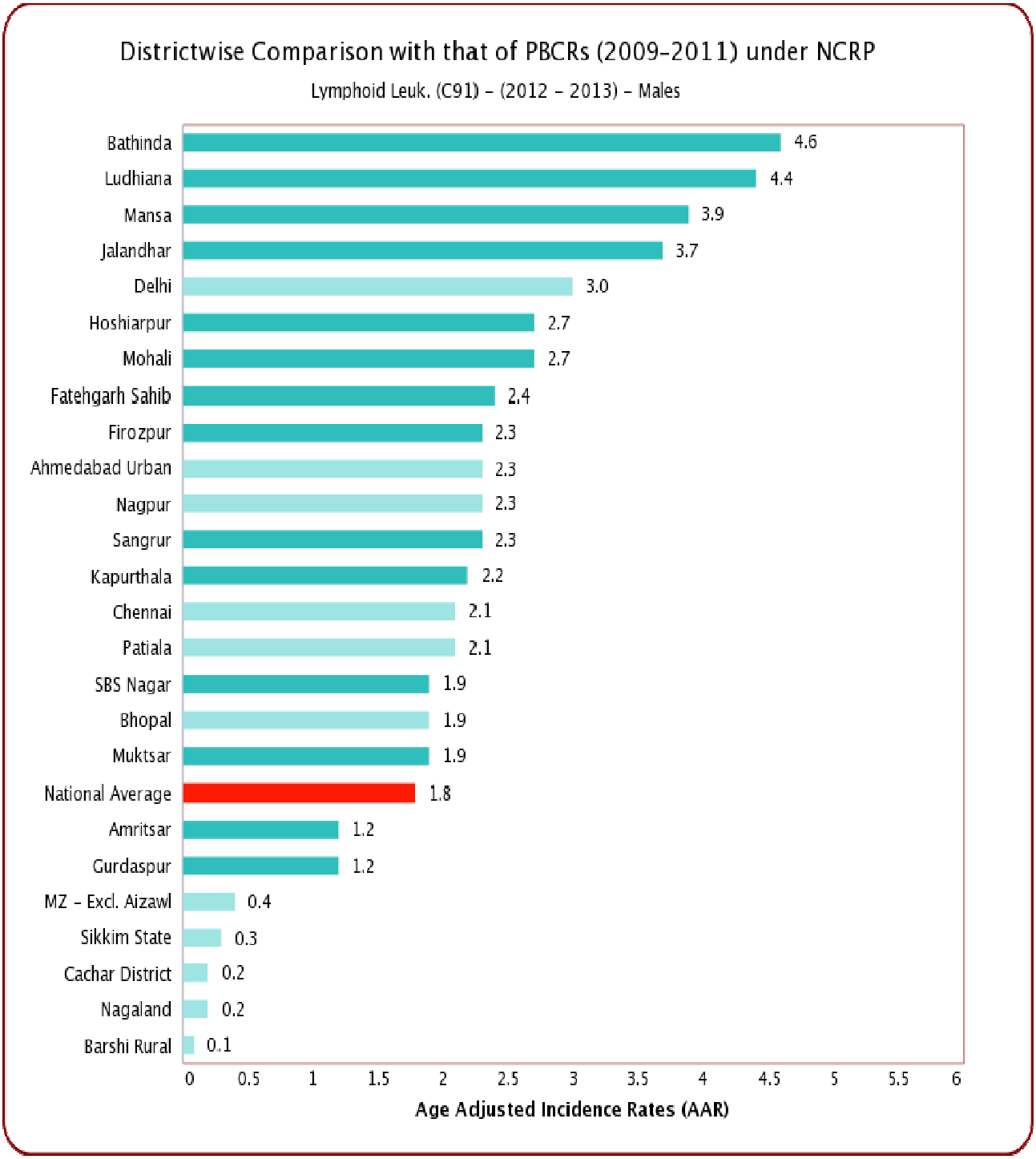
## Map 5.23(b) District wise Distribution of Age Adjusted Rate

### Multiple Myeloma (ICD-10: C90) 2012-2013 – Females



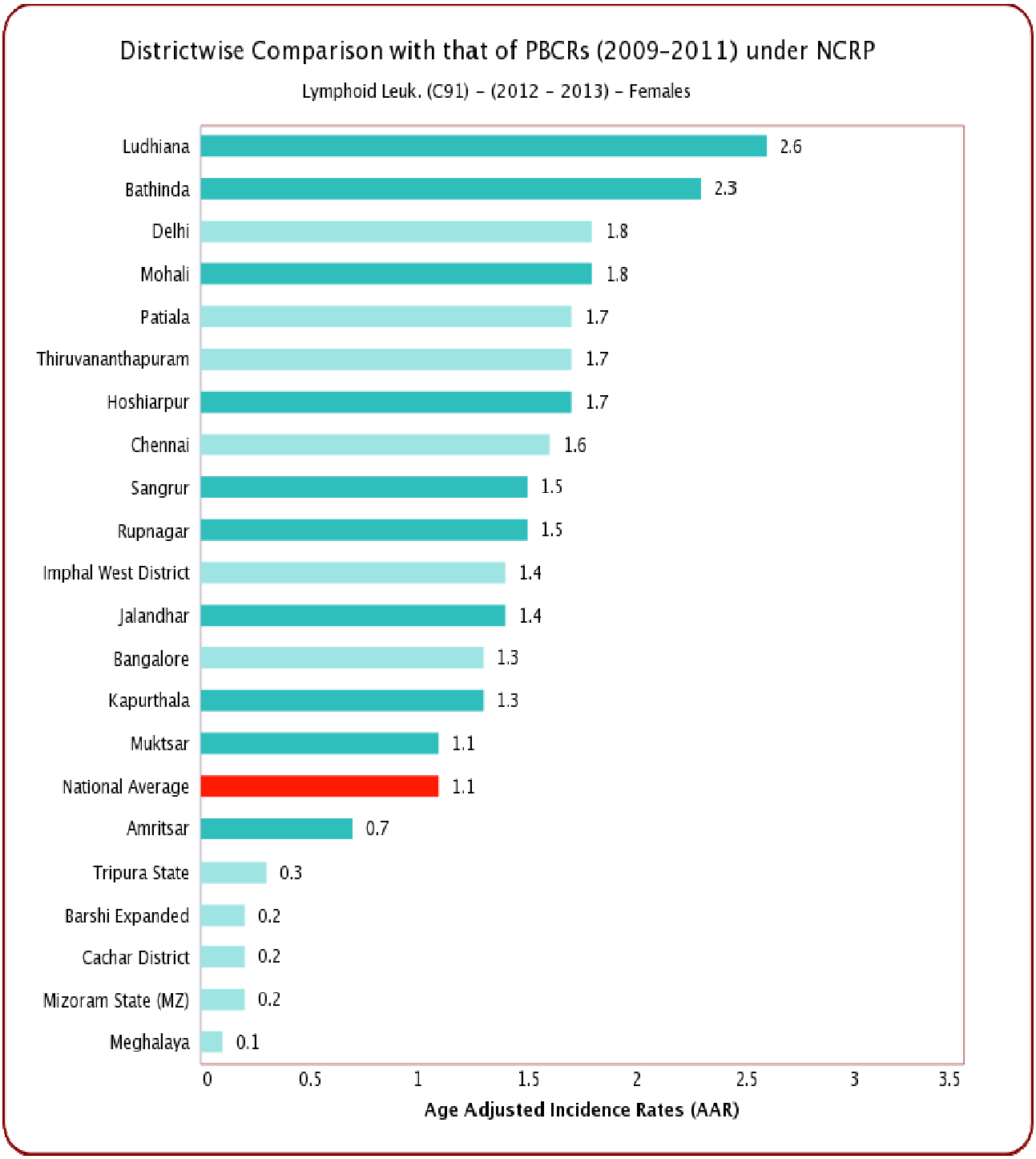
## Figure 5.24(a): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Lymphoid Leuk. (ICD-10: C91) - Males



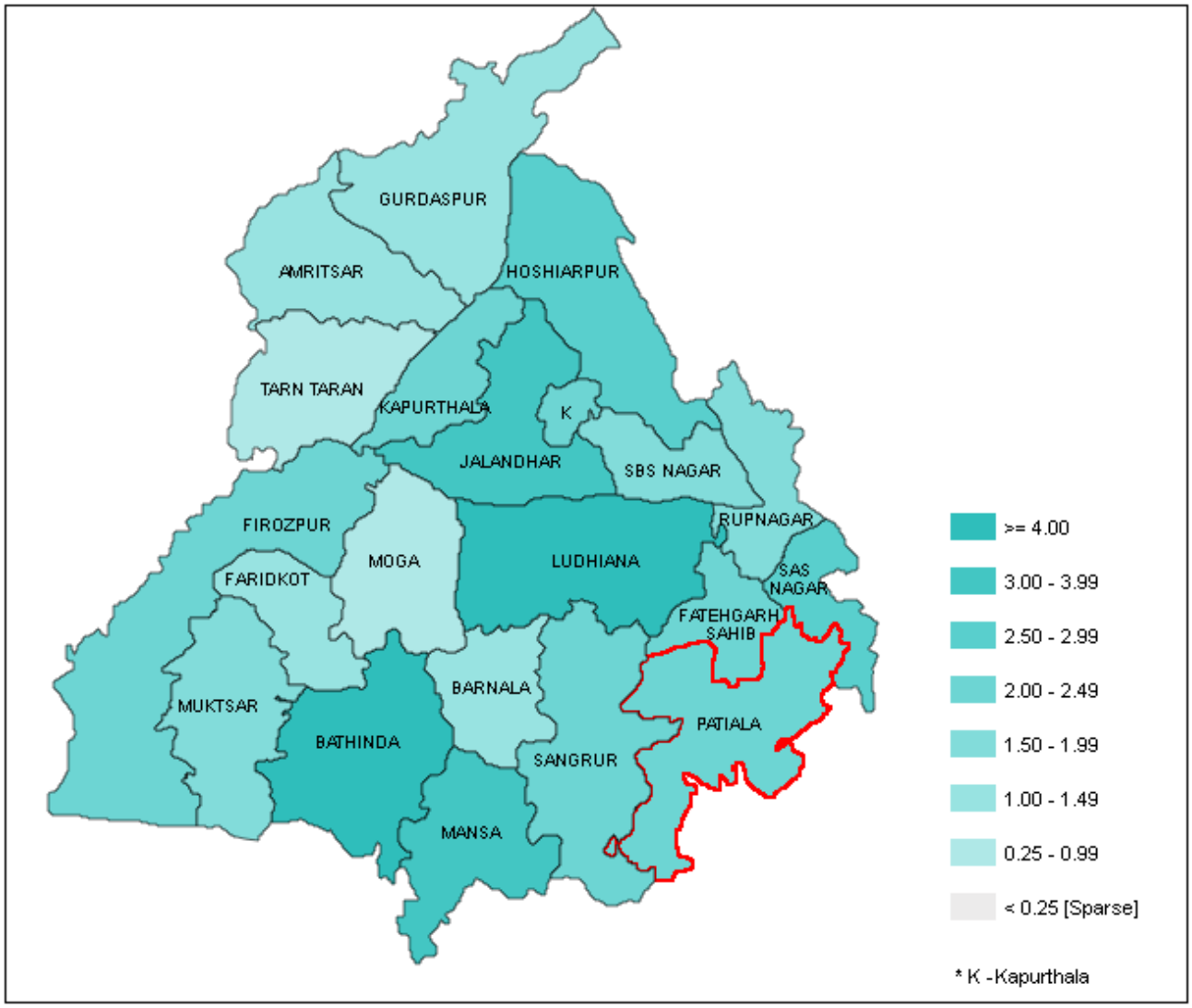
## Figure 5.24(b): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Lymphoid Leuk. (ICD-10: C91) - Females



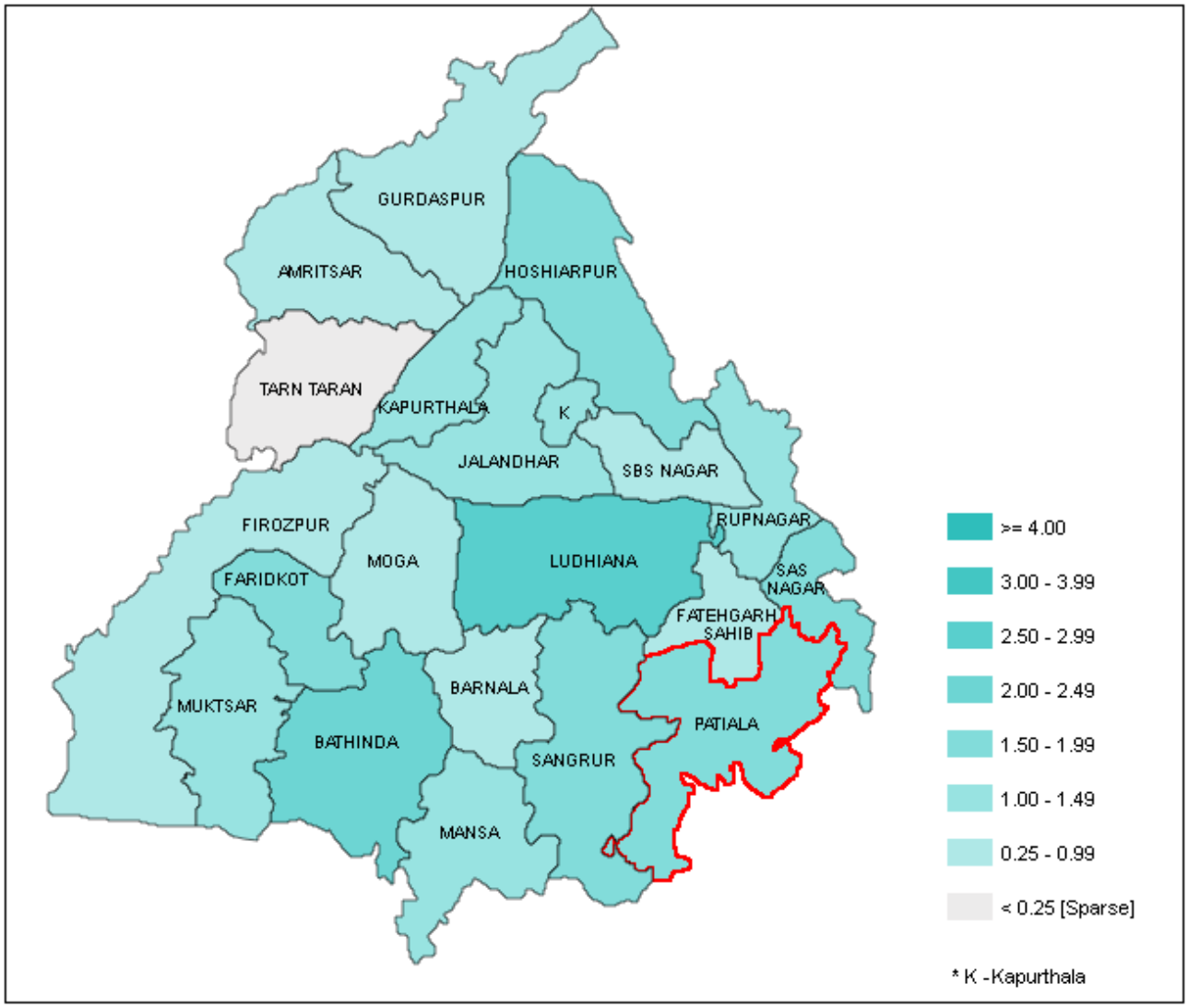
## Map 5.24(a) District wise Distribution of Age Adjusted Rate

### Lymphoid Leukemia (ICD-10: C91) 2012-2013 - Males



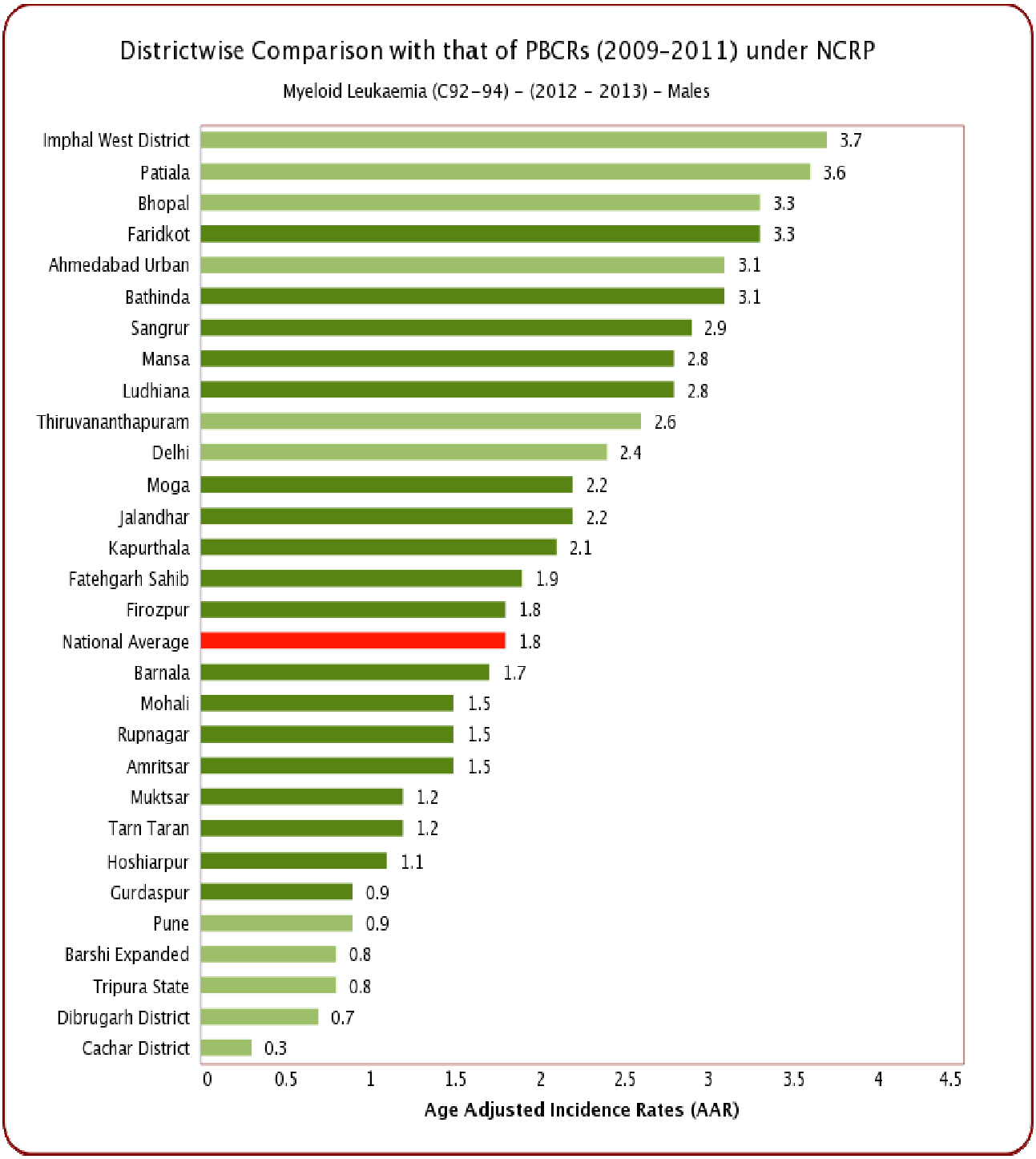
## Map 5.24(b) District wise Distribution of Age Adjusted Rate

### Lymphoid Leukemia (ICD-10: C91) 2012-2013 - Females



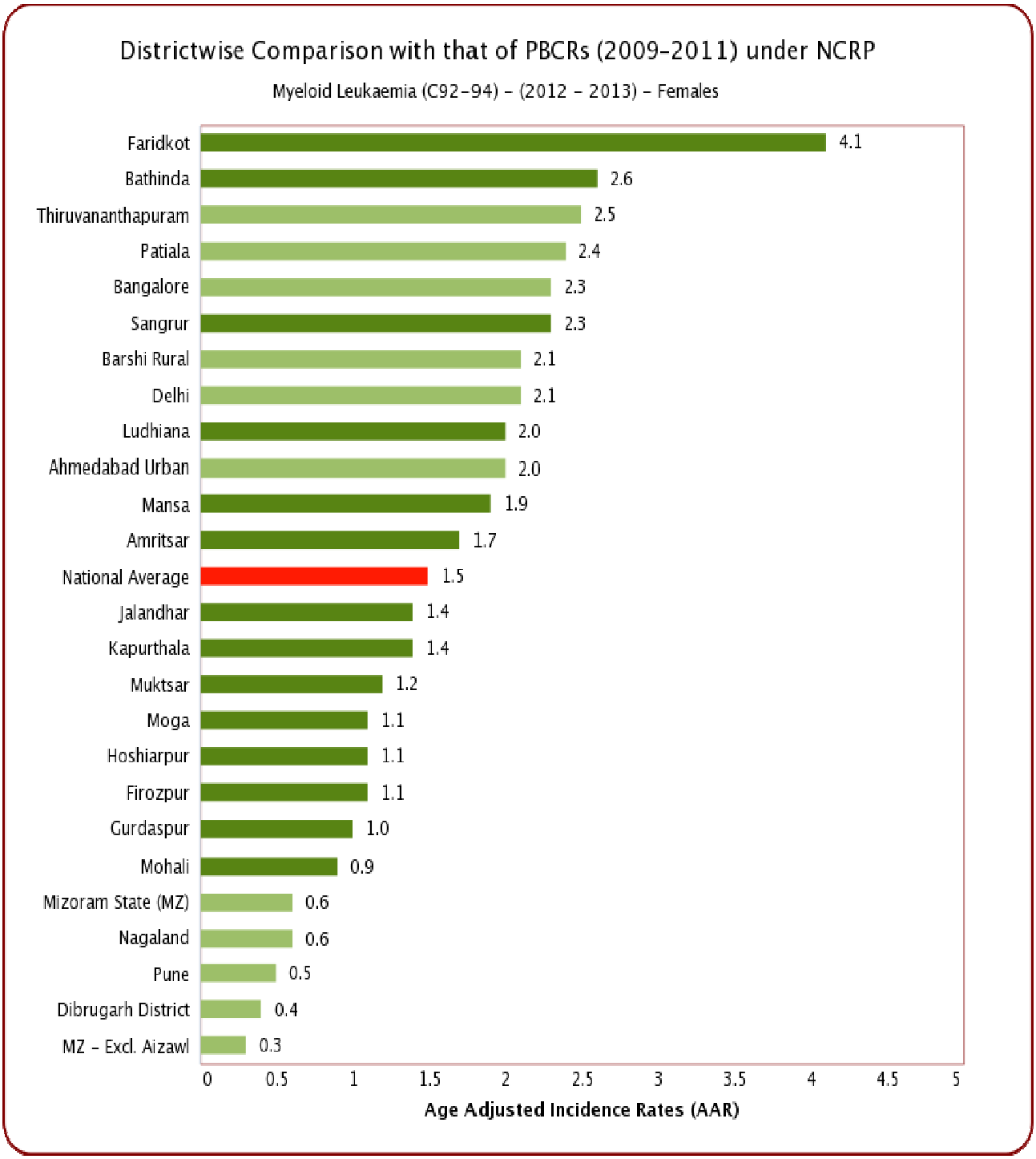
## Figure 5.25(a): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Myeloid Leukaemia (ICD-10: C92-C94) - Males



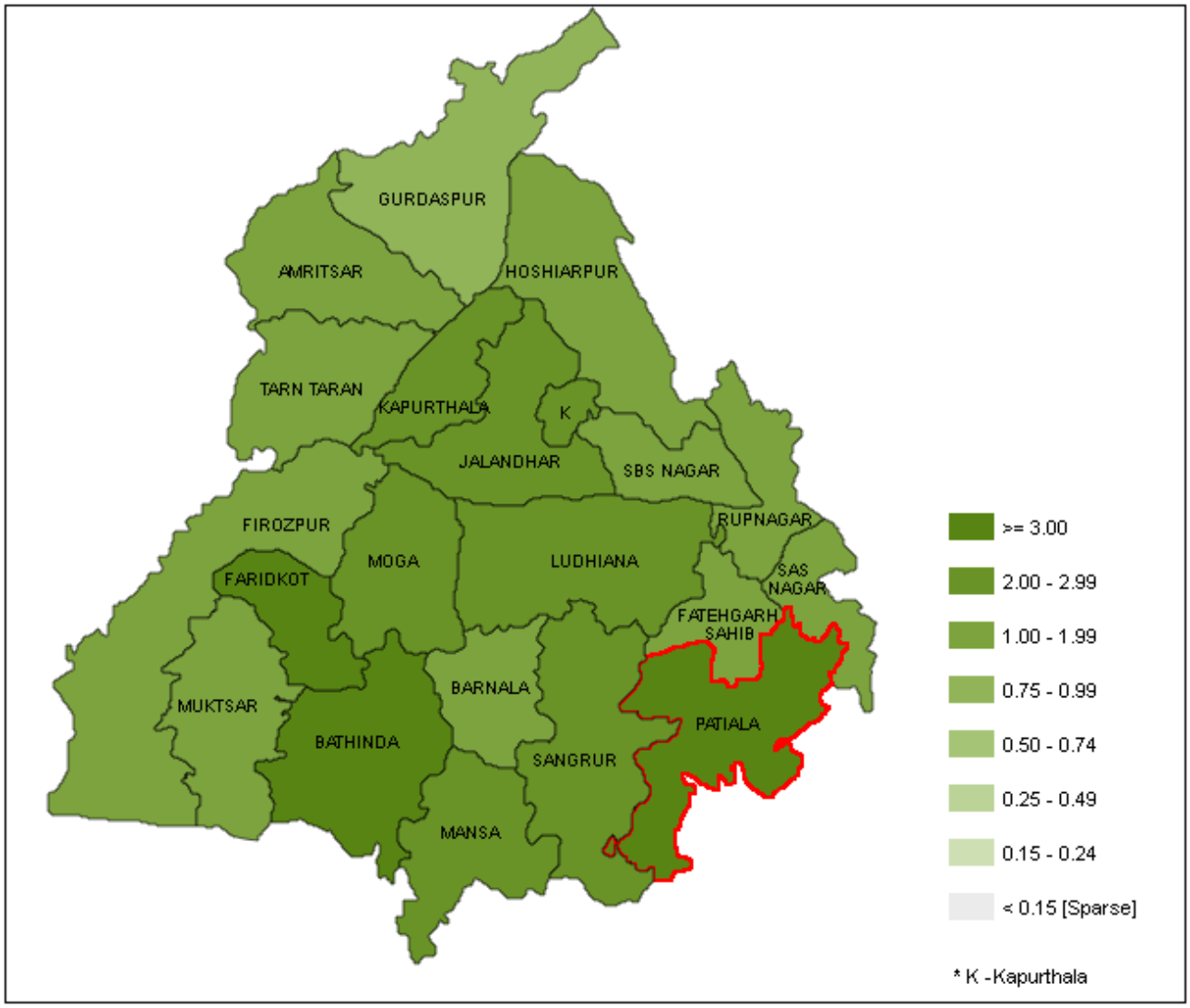
## Figure 5.25(b): District wise Comparison of AAR with that of PBCRs (2009-2011) under NCRP

### Myeloid Leukaemia (ICD-10: C92-C94) - Females



## Map 5.25(a) District wise Distribution of Age Adjusted Rate

### Myeloid Leukemia (ICD-10: C92-C94) 2012-2013 - Males



## Map 5.25(b) District wise Distribution of Age Adjusted Rate

### Myeloid Leukemia (ICD-10: C92-C94) 2012-2013 – Females