

# Chapter 12

## HISTOLOGIC TYPES OF SELECTED SITES OF CANCER

The number and relative proportion of the specific histological types of cancer (for Microscopically Diagnosed Cases) as appropriate for the selected anatomical sites of cancer are given below.

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

**Table 12.1: Number (#) and Relative Proportion (%) of Different Histologic Types (2007-2011)**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Dibrugarh		Guwahati		Chandigarh	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
<b>MALES</b>														
Neoplasm Malignant	20	3.2	89	27.4	1	0.3	33	3.7	18	12.5	5	1.7	-	-
Carcinomas	2	0.3	32	9.8	4	1.1	9	1.0	1	0.7	2	0.7	1	0.6
Verrucous Carcinomas	4	0.6	-	-	1	0.3	5	0.6	1	0.7	-	-	-	-
Squamous Cell Carc.	596	95.2	199	61.2	348	97.5	842	94.0	123	85.4	292	97.7	152	98.8
Adenocarcinoma	-	-	3	0.9	1	0.3	3	0.3	-	-	-	-	98.7	-
Others	4	0.6	2	0.6	2	0.6	4	0.4	1	0.7	-	-	1	0.6
<b>All Microscopic</b>	<b>626</b>	<b>100.0</b>	<b>325</b>	<b>100.0</b>	<b>357</b>	<b>100.0</b>	<b>896</b>	<b>100.0</b>	<b>144</b>	<b>100.0</b>	<b>299</b>	<b>100.0</b>	<b>154</b>	<b>100.0</b>
<b>FEMALES</b>														
Neoplasm Malignant	1	0.5	13	14.9	1	0.9	8	1.9	4	8.5	-	-	-	-
Carcinomas	1	0.5	9	10.3	2	1.9	3	0.7	-	-	-	-	-	-
Verrucous Carcinomas	2	1.1	-	-	1	0.9	1	0.2	-	-	-	-	-	-
Squamous Cell Carc.	178	96.2	62	71.3	104	96.3	411	96.5	43	91.5	93	98.9	25	100.0
Adenocarcinoma	2	1.1	1	1.1	-	-	2	0.5	-	-	-	-	-	-
Others	1	0.5	2	2.3	-	-	1	0.2	-	-	1	1.1	-	-
<b>All Microscopic</b>	<b>185</b>	<b>100.0</b>	<b>91</b>	<b>100.0</b>	<b>108</b>	<b>100.0</b>	<b>430</b>	<b>100.0</b>	<b>47</b>	<b>100.0</b>	<b>94</b>	<b>100.0</b>	<b>25</b>	<b>100.0</b>

**Mouth (ICD-10: C03-C06)****Table 12.2: Number (#) and Relative Proportion (%) of Different Histologic Types (2007-2011)**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Dibrugarh		Guwahati		Chandigarh	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
<b>MALES</b>														
Neoplasm Malignant	6	0.5	12	3.6	1	0.2	27	2.3	15	7.0	-	-	-	-
Carcinomas	3	0.3	27	80.0	5	1.2	14	1.2	3	1.4	3	1.0	2	2.9
Verrucous Carcinomas	22	2.0	16	4.7	4	0.9	16	1.3	2	0.9	20	6.6	-	-
Squamous Cell Carc.	1069	95.8	272	80.5	400	94.8	1107	92.9	188	88.3	277	90.8	64	94.1
Adeno Carcinoma	8	0.7	6	1.8	4	0.9	9	0.8	2	0.9	1	0.3	-	-
Others	8	0.7	5	1.5	8	1.9	18	1.5	3	1.4	4	1.3	2	2.9
<b>All Microscopic</b>	<b>1116</b>	<b>100.0</b>	<b>338</b>	<b>100.0</b>	<b>422</b>	<b>100.0</b>	<b>1191</b>	<b>100.0</b>	<b>213</b>	<b>100.0</b>	<b>305</b>	<b>100.0</b>	<b>68</b>	<b>100.0</b>
<b>FEMALES</b>														
Neoplasm Malignant	4	1.3	13	2.0	7	2.6	11	1.7	2	2.2	-	-	-	-
Carcinomas	-	-	30	4.5	3	1.1	8	1.2	-	-	-	-	-	-
Verrucous Carcinomas	1	0.3	17	2.6	2	0.7	12	1.8	1	1.1	3	2.2	-	-
Squamous Cell Carc.	284	92.8	594	89.9	247	91.8	601	91.9	89	95.7	131	97.0	13	100.0
Adeno Carcinoma	6	2.0	1	0.2	4	1.5	7	1.1	-	-	-	-	-	-
Others	11	3.6	6	0.9	6	2.2	15	2.3	1	1.1	1	0.7	-	-
<b>All Microscopic</b>	<b>306</b>	<b>100.0</b>	<b>661</b>	<b>100.0</b>	<b>269</b>	<b>100.0</b>	<b>654</b>	<b>100.0</b>	<b>93</b>	<b>100.0</b>	<b>135</b>	<b>100.0</b>	<b>13</b>	<b>100.0</b>

**Pharynx (ICD-10: C09-C10 and C12-C14)****Table 12.3: Number (#) and Relative Proportion (%) of Different Histologic Types (2007-2011)**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Dibrugarh		Guwahati		Chandigarh	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
<b>MALES</b>														
Neoplasm Malignant	37	7.6	239	40.0	6	2.2	105	13.1	49	8.5	6	0.7	2	1.5
Carcinomas	4	0.8	35	5.6	14	5.0	19	2.4	4	0.7	4	0.5	7	5.2
Verrucous Carcinomas	1	0.2	-	-	-	-	-	-	-	-	-	-	-	-
Squamous Cell Carc.	430	88.5	313	52.0	241	86.4	648	80.8	520	90.1	864	98.4	111	82.8
Adeno Carcinoma	-	-	-	-	-	-	1	0.1	-	-	1	0.1	-	-
Others	14	2.9	15	2.5	18	6.5	29	3.6	4	0.7	3	0.3	14	10.4
<b>All Microscopic</b>	<b>486</b>	<b>100.0</b>	<b>602</b>	<b>100.0</b>	<b>279</b>	<b>100.0</b>	<b>802</b>	<b>100.0</b>	<b>577</b>	<b>100.0</b>	<b>878</b>	<b>100.0</b>	<b>134</b>	<b>100.0</b>
<b>FEMALES</b>														
Neoplasm Malignant	5	4.6	36	31.0	2	1.4	9	6.8	13	11.5	-	-	-	-
Carcinomas	5	4.6	5	4.3	5	3.5	4	3.0	-	-	-	-	-	-
Verrucous Carcinomas	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Squamous Cell Carc.	92	84.4	68	58.6	128	90.1	111	84.1	99	87.6	153	98.7	16	94.1
Adeno Carcinoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	7	6.4	7	6.0	7	4.9	8	6.1	1	0.9	2	1.3	1	5.9
<b>All Microscopic</b>	<b>109</b>	<b>100.0</b>	<b>127</b>	<b>100.0</b>	<b>146</b>	<b>100.0</b>	<b>132</b>	<b>100.0</b>	<b>113</b>	<b>100.0</b>	<b>155</b>	<b>100.0</b>	<b>17</b>	<b>100.0</b>

**Oesophagus (ICD-10: C15)****Table 12.4: Number (#) and Relative Proportion (%) of Different Histologic Types (2007-2011)**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Dibrugarh		Guwahati		Chandigarh	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
<b>MALES</b>														
Neoplasm Malignant	9	2.7	14	4.0	1	0.8	21	4.0	3	1.0	1	0.2	1	0.8
Carcinomas	7	2.1	17	4.8	6	4.6	28	5.4	-	-	2	0.4	9	7.2
Squamous Cell Carc.	277	82.7	287	81.1	112	85.5	382	73.0	290	96.0	484	96.7	95	76.0
Adeno Carcinoma	39	11.6	33	9.3	10	7.6	85	16.3	9	3.0	12	2.4	20	16.0
Others	3	0.9	3	0.8	2	1.5	7	1.3	-	-	3	0.6	-	-
<b>All Microscopic</b>	<b>335</b>	<b>100.0</b>	<b>354</b>	<b>100.0</b>	<b>131</b>	<b>100.0</b>	<b>523</b>	<b>100.0</b>	<b>302</b>	<b>100.0</b>	<b>502</b>	<b>100.0</b>	<b>125</b>	<b>100.0</b>
<b>FEMALES</b>														
Neoplasm Malignant	3	1.7	7	2.6	-	-	1	0.5	4	2.1	-	-	2	2.4
Carcinomas	3	1.7	22	8.2	-	-	12	6.4	3	1.6	2	0.8	3	3.7
Squamous Cell Carc.	155	89.1	234	87.0	85	92.4	152	81.3	182	94.8	248	96.1	77	93.9
Adeno Carcinoma	12	6.9	6	2.2	7	7.6	21	11.2	3	1.6	3	1.2	-	-
Others	1	0.6	-	-	-	-	1	0.5	-	-	5	1.9	-	-
<b>All Microscopic</b>	<b>174</b>	<b>100.0</b>	<b>269</b>	<b>100.0</b>	<b>92</b>	<b>100.0</b>	<b>190</b>	<b>100.0</b>	<b>196</b>	<b>100.0</b>	<b>258</b>	<b>100.0</b>	<b>82</b>	<b>100.0</b>

**Stomach (ICD-10: C16)****Table 12.5: Number (#) and Relative Proportion (%) of Different Histologic Types (2007-2011)**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Dibrugarh		Guwahati		Chandigarh	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
<b>MALES</b>														
Neoplasm Malignant	3	1.8	6	2.8	2	1.2	10	2.2	5	3.5	1	0.9	-	-
Carcinomas	6	3.2	16	7.5	3	1.8	39	8.5	11	7.7	13	12.0	2	8.0
Adeno Carcinomas	104	56.2	141	66.5	114	68.3	320	69.4	115	80.4	70	64.8	11	44.0
Papillary Adeno Carc.	-	-	1	0.5	2	1.2	3	0.7	2	1.4	4	3.7	-	-
Mucinous Adeno Carc.	5	2.7	4	1.9	15	9.0	23	5.0	8	5.6	1	0.9	1	4.0
Signet Ring Cell Carc.	43	23.2	33	15.6	13	7.8	44	9.5	1	0.7	18	16.7	7	28.0
Sarcoma	-	-	1	0.5	-	-	-	-	-	-	-	-	-	-
Others	24	13.0	10	4.7	18	10.8	22	4.8	1	0.7	1	0.9	4	16.0
<b>All Microscopic</b>	<b>185</b>	<b>100.0</b>	<b>212</b>	<b>100.0</b>	<b>167</b>	<b>100.0</b>	<b>464</b>	<b>100.0</b>	<b>143</b>	<b>100.0</b>	<b>108</b>	<b>100.0</b>	<b>25</b>	<b>100.0</b>
<b>FEMALES</b>														
Neoplasm Malignant	3	5.7	6	5.6	1	1.1	8	5.2	3	3.5	1	2.2	-	-
Carcinomas	2	3.3	7	6.5	3	3.4	16	10.5	7	8.2	4	8.9	1	10.0
Adeno Carcinomas	19	31.7	56	51.9	55	61.8	92	60.1	67	78.8	29	64.4	4	40.0
Papillary Adeno Carc.	-	-	-	-	-	-	1	0.7	-	-	2	4.4	-	-
Mucinous Adeno Carc.	2	3.3	-	-	8	9.0	5	3.3	3	3.5	-	-	-	-
Signet Ring Cell Carc.	24	40.0	30	27.8	12	13.5	24	15.7	4	4.7	8	17.8	3	30.0
Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Others	10	16.7	9	8.3	10	11.2	7	4.6	1	1.2	1	2.2	2	20.0
<b>All Microscopic</b>	<b>60</b>	<b>100.0</b>	<b>121</b>	<b>100.0</b>	<b>89</b>	<b>100.0</b>	<b>153</b>	<b>100.0</b>	<b>85</b>	<b>100.0</b>	<b>45</b>	<b>100.0</b>	<b>10</b>	<b>100.0</b>

**Lung (ICD-10: C33-C34)****Table 12.6: Number (#) and Relative Proportion (%) of Different Histologic Types (2007-2011)**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Dibrugarh		Guwahati		Chandigarh	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
<b>MALES</b>														
Neoplasm Malignant	156	29.8	54	22.5	61	26.1	782	45.1	9	13.8	5	2.4	3	1.5
Large Cell Carcinoma	-	-	-	-	-	-	5	0.3	-	-	6	2.9	-	-
Undiff/Anaplastic Carc.	1	0.2	-	-	-	-	1	0.1	2	3.1	9	4.3	1	0.5
Small Cell Carc.	52	9.9	13	5.3	24	10.3	108	6.2	7	10.8	14	6.7	31	15.8
Squamous Cell Carc.	132	25.2	25	10.3	40	17.1	208	12.0	24	36.9	51	24.3	21	10.7
Other Carcinomas	7	1.3	19	7.8	26	11.1	69	4.0	1	1.5	1	0.5	9	4.6
Adeno Carcinoma	151	28.9	34	14.0	56	23.9	370	21.3	19	29.2	74	35.2	20	10.2
Others	24	4.6	98	40.3	27	11.5	192	11.1	3	4.6	50	23.8	111	56.6
<b>All Microscopic</b>	<b>523</b>	<b>100.0</b>	<b>243</b>	<b>100.0</b>	<b>234</b>	<b>100.0</b>	<b>1735</b>	<b>100.0</b>	<b>65</b>	<b>100.0</b>	<b>210</b>	<b>100.0</b>	<b>196</b>	<b>100.0</b>
<b>FEMALES</b>														
Neoplasm Malignant	48	31.2	13	20.0	21	28.8	136	40.0	3	13.6	2	2.9	2	5.1
Large Cell Carcinoma	1	0.6	-	-	-	-	1	0.3	-	-	1	1.4	-	-
Undiff/Anaplastic Carc.	1	0.6	-	-	-	-	-	-	1	4.5	1	1.4	-	-
Small Cell Carc.	9	5.8	1	1.5	3	4.1	5	1.5	2	9.1	-	-	8	20.5
Squamous Cell Carc.	9	5.8	2	3.1	3	4.1	19	5.6	6	27.3	8	11.6	1	2.6
Other Carcinomas	6	3.9	-	-	9	12.3	14	4.1	-	-	-	-	2	5.1
Adeno Carcinoma	76	49.4	21	32.3	32	4.4	150	44.1	10	45.5	38	55.1	5	12.8
Others	4	2.6	28	43.1	5	6.8	15	4.4	-	-	19	27.5	21	53.8
<b>All Microscopic</b>	<b>154</b>	<b>100.0</b>	<b>65</b>	<b>100.0</b>	<b>73</b>	<b>100.0</b>	<b>344</b>	<b>100.0</b>	<b>23</b>	<b>100.0</b>	<b>69</b>	<b>100.0</b>	<b>39</b>	<b>100.0</b>

**Bone (ICD-10: C40-C41)****Table 12.7: Number (#) and Relative Proportion (%) of Different Histologic Types (2007-2011)**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Dibrugarh		Guwahati		Chandigarh	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
<b>MALES</b>														
Neoplasm Malignant	4	2.3	-	-	1	0.9	-	-	2	10.0	-	-	1	2.6
Sarcomas	3	1.7	3	2.6	5	4.5	3	1.8	6	30.0	2	12.5	3	7.7
Osteosarcomas	95	54.3	47	40.9	56	50.0	78	45.9	4	20.0	5	31.3	7	17.9
Chondrosarcomas	2	1.1	1	0.9	1	0.9	-	-	-	-	-	-	-	-
Giant Cell Tumour	-	-	3	2.6	3	2.7	-	-	1	5.0	-	-	-	-
Ewing's Sarcoma	14	8.0	29	25.2	31	27.7	37	21.8	2	10.0	4	25.0	9	23.1
Chondroma	24	13.7	9	7.8	2	1.8	6	3.5	1	5.0	1	6.3	1	2.6
Others	33	18.9	23	20.0	13	11.6	46	27.1	4	20.0	4	25.0	18	46.2
<b>All Microscopic</b>	<b>175</b>	<b>100.0</b>	<b>115</b>	<b>100.0</b>	<b>112</b>	<b>100.0</b>	<b>170</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>	<b>16</b>	<b>100.0</b>	<b>39</b>	<b>100.0</b>
<b>FEMALE</b>														
Neoplasm Malignant	1	1.1	-	-	1	1.3	2	2.1	-	-	-	-	-	-
Sarcomas	1	1.1	1	1.8	1	1.3	1	1.0	8	42.1	1	12.5	1	5.0
Osteosarcomas	60	67.4	22	39.3	42	56.0	53	55.2	3	15.8	4	50.0	5	25.0
Chondrosarcomas	-	-	2	3.6	2	2.7	-	-	-	-	-	-	-	-
Giant Cell Tumour	2	2.2	3	5.4	6	8.0	-	-	-	-	-	-	1	5.0
Ewing's Sarcoma	6	6.7	12	21.4	17	22.7	10	10.4	3	15.8	1	12.5	3	15.0
Chondroma	8	9.0	6	10.7	3	4.0	3	3.1	2	10.5	-	-	-	-
Others	11	12.4	10	17.9	3	4.0	27	28.1	3	15.8	2	25.0	10	50.0
<b>All Microscopic</b>	<b>89</b>	<b>100.0</b>	<b>56</b>	<b>100.0</b>	<b>75</b>	<b>100.0</b>	<b>96</b>	<b>100.0</b>	<b>19</b>	<b>100.0</b>	<b>8</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>

**Soft Tissue (ICD 10: C47 & C49)****Table 12.8: Number (#) and Relative Proportion (%) of Different Histologic Types (2007-2011)**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Dibrugarh		Guwahati		Chandigarh	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
<b>MALES</b>														
Neoplasm Malignant	7	5.4	2	3.6	3	5.2	4	3.8	1	7.7	-	-	-	-
Sarcoma NOS	7	5.4	2	3.6	1	1.7	13	12.3	1	7.7	2	15.4	2	11.1
Spindle Cell Sarcoma	20	15.5	16	29.1	16	27.6	20	18.9	-	-	3	23.1	-	-
Pleomorphic Cell Carc.	7	5.4	5	9.1	6	10.3	9	8.5	-	-	-	-	2	11.1
Fibrous Histiocytoma	2	1.6	4	7.3	2	3.4	2	1.9	-	-	1	7.7	-	-
Fibrosarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Liposarcoma	9	7.0	3	5.5	5	8.6	6	5.7	-	-	-	-	3	16.7
Leiomyosarcoma	2	1.6	-	-	1	1.7	2	1.9	-	-	-	-	-	-
Rhabdomyosarcoma	12	9.3	5	9.1	1	1.7	8	7.5	3	25.0	-	-	-	-
Synovial Sarcoma	16	12.4	9	16.4	13	22.4	9	8.5	2	16.7	-	-	1	5.6
Neurofibrosarcoma	2	1.6	1	1.8	-	-	1	0.9	-	-	-	-	-	-
Neurilemmona	1	0.8	-	-	-	-	-	-	-	-	-	-	-	-
Others	44	34.1	8	14.5	10	17.2	32	30.2	5	41.7	7	53.8	10	55.6
<b>All Microscopic</b>	<b>129</b>	<b>100.0</b>	<b>55</b>	<b>100.0</b>	<b>58</b>	<b>100.0</b>	<b>106</b>	<b>100.0</b>	<b>12</b>	<b>100.0</b>	<b>13</b>	<b>100.0</b>	<b>18</b>	<b>100.0</b>
<b>FEMALES</b>														
Neoplasm Malignant	5	9.1	1	2.0	3	5.3	4	5.8	-	-	-	-	-	-
Sarcoma NOS	2	3.6	7	13.7	7	12.3	5	7.2	1	9.1	1	12.5	2	22.2
Spindle Cell Sarcoma	7	12.7	21	41.2	14	24.6	17	24.6	-	-	1	12.5	-	-
Pleomorphic Cell Carc.	3	5.5	9	17.6	1	1.8	8	11.6	-	-	1	12.5	2	22.2
Fibrous Histiocytoma	-	-	-	-	2	3.5	3	4.3	1	9.1	2	25.0	-	-
Fibrosarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Liposarcoma	-	-	1	2.0	2	3.5	3	4.3	1	9.1	-	-	-	-
Leiomyosarcoma	3	5.5	-	-	1	1.8	1	1.4	-	-	-	-	1	11.1
Rhabdomyosarcoma	6	10.9	1	2.0	6	10.5	10	14.5	3	27.3	-	-	1	11.1
Synovial Sarcoma	8	14.5	8	15.7	9	15.8	5	7.2	1	9.1	-	-	1	11.1
Neurofibrosarcoma	6	10.9	1	2.0	-	-	1	1.4	-	-	-	-	-	-
Neurilemmona	-	-	-	-	1	1.8	-	-	-	-	-	-	-	-
Others	15	27.3	2	3.9	11	19.3	12	17.4	4	36.4	3	37.5	2	22.2
<b>All Microscopic</b>	<b>55</b>	<b>100.0</b>	<b>51</b>	<b>100.0</b>	<b>57</b>	<b>100.0</b>	<b>69</b>	<b>100.0</b>	<b>11</b>	<b>100.0</b>	<b>8</b>	<b>100.0</b>	<b>9</b>	<b>100.0</b>

**Female Breast (ICD-10: C50)****Table 12.9: Number (#) and Relative Proportion (%) of Different Histologic Types (2007-2011)**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Dibrugarh		Guwahati		Chandigarh	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Neoplasm Malignant	15	0.8	15	1.7	27	1.7	21	0.7	-	-	2	0.7	1	0.6
Carcinoma	7	0.4	24	2.8	13	0.8	127	4.4	1	0.4	1	0.4	2	1.2
Papillary Carcinoma	15	0.8	4	0.5	-	-	7	0.2	-	-	-	-	1	0.6
Squamous Cell Carc.	-	-	9	1.0	8	0.5	-	-	-	-	-	-	-	-
Adeno Carcinoma, NOS	1	0.1	3	0.3	2	0.1	3	0.1	1	0.4	5	1.8	1	0.6
Mucinous Adeno Carc.	5	0.3	7	0.8	15	0.9	16	0.6	2	0.7	-	-	3	1.7
Infiltrating Duct Carc.	1700	94.3	773	88.7	1503	92.6	2649	92.4	239	88.2	259	94.5	159	92.4
Medullary Carcinoma	1	0.1	3	0.3	11	0.7	-	-	11	4.1	-	-	-	-
Lobular Carcinoma	29	1.6	12	1.4	20	1.2	18	0.6	12	4.4	2	0.7	3	1.7
Paget's Disease	9	0.5	1	0.1	6	0.4	3	0.1	-	-	-	-	-	-
Cystosarc Phyllodes	13	0.7	11	1.3	9	0.6	9	0.3	3	1.1	4	1.5	-	-
Others	7	0.4	9	1.0	9	0.6	15	0.5	2	0.7	1	0.4	2	1.2
<b>All Microscopic</b>	<b>1802</b>	<b>100.0</b>	<b>871</b>	<b>100.0</b>	<b>1623</b>	<b>100.0</b>	<b>2868</b>	<b>100.0</b>	<b>271</b>	<b>100.0</b>	<b>274</b>	<b>100.0</b>	<b>172</b>	<b>100.0</b>

**Cervix (ICD-10: C53)****Table 12.10: Number (#) and Relative Proportion (%) of Different Histologic Types (2007-2011)**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Dibrugarh		Guwahati		Chandigarh	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Neoplasm Malignant	6	0.6	5	0.3	7	0.5	9	0.7	3	1.4	-	-	-	-
Carcinomas	12	1.2	67	3.5	48	3.8	51	3.8	3	1.4	2	0.4	3	1.3
Non Kerat Large Cell	32	3.3	257	13.3	617	48.4	497	37.3	79	38.0	263	58.1	86	38.6
Non Kerat Small Cell	-	-	3	2.0	-	-	1	0.1	5	2.4	1	0.2	-	-
Kerat Squa. Cell Carc. NOS	31	3.2	130	6.7	253	19.9	390	29.2	18	8.7	15	3.3	58	26.0
Squa. Cell Carc. NOS	803	82.4	1334	68.8	229	18.0	241	18.1	85	40.9	140	30.9	52	23.3
Other Squa. Cell Carc.	6	0.6	5	0.3	3	0.2	2	0.1	1	0.5	-	-	1	0.4
Adeno Carcinoma	6	0.6	12	0.6	11	0.9	43	3.2	5	2.4	6	1.3	4	1.8
Adeno. Squa. Carc.	10	1.0	27	1.4	40	3.1	17	1.3	-	-	5	1.1	2	0.9
Others	68	7.0	98	5.1	66	5.2	83	6.2	9	4.3	21	4.6	17	7.6
<b>All Microscopic</b>	<b>974</b>	<b>100.0</b>	<b>1938</b>	<b>100.0</b>	<b>1274</b>	<b>100.0</b>	<b>1350</b>	<b>100.0</b>	<b>208</b>	<b>100.0</b>	<b>453</b>	<b>100.0</b>	<b>223</b>	<b>100.0</b>

**Ovary (ICD-10: C56)****Table 12.11: Number (#) and Relative Proportion (%) of Different Histologic Types (2007-2011)**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Dibrugarh		Guwahati		Chandigarh	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Neoplasm Malignant	46	18.3	24	5.8	12	5.0	47	10.0	7	5.6	9	8.5	4	4.0
Carcinomas	7	2.8	27	6.6	22	9.2	33	7.1	5	4.0	3	2.8	4	4.0
Other Carcinomas	2	0.8	-	-	-	-	-	-	1	0.8	-	-	1	1.0
Papillary Carcinoma	1	0.4	1	0.2	-	-	-	-	-	-	-	-	1	1.0
Squamous Cell Carc.	-	-	4	1.0	-	-	1	0.2	1	0.8	1	0.9	-	-
Adeno Carcinoma	52	20.7	157	38.2	88	36.8	211	45.2	22	17.5	62	58.5	21	21.0
Papillary Adeno Carc.	6	2.4	46	11.2	32	13.4	26	5.6	9	7.1	6	5.7	5	5.0
Clear Cell Adeno Carc.	2	0.8	3	0.7	2	0.8	9	1.9	5	4.0	-	-	3	3.0
Endometrioid Carc.	12	4.8	7	1.7	5	2.1	10	2.1	-	-	1	0.9	4	4.0
Papi/Serous Cyst	97	38.6	80	19.5	34	14.2	80	17.1	53	42.1	11	10.4	30	30.0
Muc Adeno/Cystadeno	7	2.8	22	5.4	15	6.3	17	3.6	11	8.7	9	8.5	10	10.0
Granulosa Cell Tumour	1	0.4	6	1.5	5	2.1	1	0.2	1	0.8	-	-	3	3.0
Sarcomas	4	1.6	-	-	-	-	-	-	1	0.8	-	-	1	1.0
Stromal Tumours	-	-	1	0.2	-	-	1	0.2	1	0.8	-	-	-	-
Dysgerminoma	3	1.2	11	2.7	4	1.7	11	2.4	-	-	-	-	2	2.0
Endodermal Sinus Tum.	4	1.6	6	1.5	2	0.8	7	1.5	1	0.8	1	0.9	4	4.0
Teratomas	4	1.6	3	0.7	6	2.5	6	1.3	-	-	-	-	2	2.0
Others	3	1.2	13	3.2	12	5.0	7	1.5	8	6.3	3	2.8	5	5.0
<b>All Microscopic</b>	<b>251</b>	<b>100.0</b>	<b>411</b>	<b>100.0</b>	<b>239</b>	<b>100.0</b>	<b>467</b>	<b>100.0</b>	<b>126</b>	<b>100.0</b>	<b>106</b>	<b>100.0</b>	<b>100</b>	<b>100.0</b>

**Kidney (ICD-10: C64)****Table 12.12: Number (#) and Relative Proportion (%) of Different Histologic Types (2007-2011)**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Dibrugarh		Guwahati		Chandigarh	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
<b>MALES</b>														
Neoplasm Malignant	5	5.4	-	-	-	-	14	17.7	2	28.6	-	-	1	2.5
Carcinoma NOS	-	-	2	4.4	-	-	7	8.9	-	-	-	-	1	2.5
Transitional Cell Carc.	-	-	1	2.0	-	-	1	1.3	-	-	-	-	-	-
Adeno Carcinoma	1	1.1	-	-	3	13.0	1	1.3	-	-	-	-	1	2.5
Clear Cell Adeno Carc.	65	69.9	24	48.0	11	47.8	39	49.4	2	28.6	6	85.7	21	52.5
Renal Cell Carcinoma	1	1.1	-	-	-	-	1	1.3	-	-	1	14.3	-	-
Nephroblastoma	14	15.1	16	32.0	3	13.0	6	7.6	2	28.6	-	-	11	27.5
Others	7	7.5	7	14.0	6	26.1	10	12.7	1	14.3	-	-	5	12.5
<b>All Microscopic</b>	<b>93</b>	<b>100.0</b>	<b>50</b>	<b>100.0</b>	<b>23</b>	<b>100.0</b>	<b>79</b>	<b>100.0</b>	<b>7</b>	<b>100.0</b>	<b>7</b>	<b>100.0</b>	<b>40</b>	<b>100.0</b>
<b>FEMALES</b>														
Neoplasm Malignant	1	4.3	1	3.6	-	-	2	10.0	1	9.1	-	-	-	-
Carcinoma NOS	-	-	-	-	-	-	1	5.0	-	-	-	-	-	-
Transitional Cell Carc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Adeno Carcinoma	2	8.7	-	-	2	4.8	-	-	1	9.1	-	-	-	-
Clear Cell Adeno Carc.	11	47.8	13	46.4	14	66.7	7	35.0	6	54.5	2	100.0	6	33.3
Renal Cell Carcinoma	2	8.7	-	-	-	-	1	5.0	-	-	-	-	-	-
Nephroblastoma	4	17.4	13	46.4	4	19.0	6	30.0	2	18.2	-	-	7	38.9
Others	3	13.0	1	3.6	2	9.5	3	15.0	1	9.1	-	-	5	27.8
<b>All Microscopic</b>	<b>23</b>	<b>100.0</b>	<b>28</b>	<b>100.0</b>	<b>25</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>	<b>11</b>	<b>100.0</b>	<b>2</b>	<b>100.0</b>	<b>18</b>	<b>100.0</b>

**Brain (ICD-10: C70-C72)****Table 12.13: Number (#) and Relative Proportion (%) of Different Histologic Types (2007-2011)**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Dibrugarh		Guwahati		Chandigarh	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
<b>MALES</b>														
Neoplasm Malignant	1	3.1	-	-	-	-	1	1.2	3	12.5	-	-	-	-
Gliomas	3	9.4	3	4.3	1	12.5	14	16.3	-	-	-	-	9	7.4
Ependymoma	1	3.1	4	5.7	1	12.5	3	3.5	1	4.0	-	-	3	2.5
Astrocytoma	16	50.0	23	32.9	3	37.5	30	34.9	14	56.0	4	57.1	21	17.4
Glioblastoma	6	18.8	12	17.1	2	25.0	19	22.1	1	4.0	2	28.6	48	39.7
Oligodendroglioma	1	3.1	18	25.7	-	-	1	1.2	1	4.0	-	-	15	12.4
Medulloblastoma	2	6.3	3	4.3	1	12.5	3	3.5	-	-	1	14.3	11	9.1
Others	2	6.3	7	10.0	-	-	15	17.4	5	20.0	-	-	14	11.6
<b>All Microscopic</b>	<b>31</b>	<b>100.0</b>	<b>70</b>	<b>100.0</b>	<b>12</b>	<b>100.0</b>	<b>86</b>	<b>100.0</b>	<b>25</b>	<b>100.0</b>	<b>7</b>	<b>100.0</b>	<b>121</b>	<b>100.0</b>
<b>FEMALES</b>														
Neoplasm Malignant	-	-	-	-	-	-	-	-	3	20.0	-	-	-	-
Gliomas	4	28.6	4	9.5	1	20.0	15	25.0	-	-	-	-	2	3.4
Ependymoma	-	-	2	4.8	-	-	1	1.7	-	-	-	-	3	5.1
Astrocytoma	3	21.4	12	28.6	2	40.0	22	36.7	8	53.3	2	33.3	7	11.9
Glioblastoma	3	21.4	7	16.7	-	-	9	15.0	3	20.0	1	16.7	25	42.4
Oligodendroglioma	-	-	6	14.3	-	-	1	1.7	-	-	1	16.7	9	15.3
Medulloblastoma	2	14.3	5	11.9	-	-	3	5.0	-	-	1	16.7	5	8.5
Others	2	14.3	6	14.3	2	40.0	9	15.0	1	6.7	1	16.7	8	13.6
<b>All Microscopic</b>	<b>14</b>	<b>100.0</b>	<b>44</b>	<b>100.0</b>	<b>5</b>	<b>100.0</b>	<b>60</b>	<b>100.0</b>	<b>15</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>	<b>59</b>	<b>100.0</b>

**Thyroid Gland (ICD-10: C73)****Table 12.14: Number (#) and Relative Proportion (%) of Different Histologic Types (2007-2011)**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Dibrugarh		Guwahati		Chandigarh	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
<b>MALES</b>														
Neoplasm Malignant	2	2.5	1	1.4	1	7.0	5	3.5	3	25.0	-	-	-	-
Other Carcinomas	-	-	1	1.4	-	-	5	3.5	-	-	-	-	-	-
Undifferentiated Carc.	-	-	4	5.6	1	1.4	7	4.9	2	16.7	2	33.3	-	-
Papillary Carc. NOS	3	3.7	34	47.2	-	-	-	-	-	-	-	-	-	-
Papillary Adeno Carc.	42	51.9	14	19.4	31	56.3	93	66.0	-	-	-	-	-	-
Follicular Carcinoma	3	3.7	5	6.9	7	11.3	-	-	6	50.0	-	-	-	-
Mixed Papi. & Folli. Carc.	20	24.7	6	8.3	11	16.9	19	13.5	-	-	4	66.7	-	-
Medullary Carcinoma	10	12.3	7	9.7	2	7.0	8	5.7	-	-	-	-	-	-
Others	1	1.2	-	-	-	-	4	2.8	1	8.3	-	-	-	-
<b>All Microscopic</b>	<b>81</b>	<b>100.0</b>	<b>72</b>	<b>100.0</b>	<b>53</b>	<b>100.0</b>	<b>141</b>	<b>100.0</b>	<b>12</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>	-	-
<b>FEMALES</b>														
Neoplasm Malignant	1	0.6	5	2.3	1	0.8	12	3.8	1	5.6	-	-	-	-
Other Carcinomas	1	0.6	5	2.3	2	1.6	6	1.9	1	5.6	-	-	-	-
Undifferentiated Carc.	3	1.9	3	1.4	1	0.8	9	2.8	3	16.7	1	5.6	-	-
Papillary Carc. NOS	2	1.3	88	41.1	1	0.8	-	-	1	5.6	-	-	2	50.0
Papillary Adeno Carc.	83	52.2	52	24.3	81	65.9	206	65.0	-	-	-	-	-	-
Follicular Carcinoma	8	5.0	5	2.3	11	8.9	4	1.3	8	44.4	4	22.2	1	25.0
Mixed Papi. & Folli. Carc.	52	32.7	42	19.6	23	18.7	71	22.4	-	-	13	72.2	-	-
Medullary Carcinoma	6	3.8	8	3.7	3	2.4	5	1.6	-	-	-	-	-	-
Others	3	1.9	6	2.8	-	-	4	1.3	4	22.2	-	-	1	25.0
<b>All Microscopic</b>	<b>159</b>	<b>100.0</b>	<b>214</b>	<b>100.0</b>	<b>155</b>	<b>100.0</b>	<b>317</b>	<b>100.0</b>	<b>18</b>	<b>100.0</b>	<b>18</b>	<b>100.0</b>	<b>4</b>	<b>100.0</b>



## Tumours of Lymphoid and Haematopoietic System (ICD-10: C81-C85 and C90-C96)

**Table 12.15: Number (#) and Relative Proportion (%) of Different Histologic Types (2007-2011)**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Dibrugarh		Guwahati		Chandigarh	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
<b>MALES</b>														
NHL	375	33.2	265	30.3	248	30.1	626	24.1	70	44.9	56	60.2	80	26.7
HD	130	11.5	129	14.7	122	14.8	246	9.4	10	6.4	12	12.9	20	6.7
MM	84	7.4	40	4.6	58	7.0	300	11.5	18	11.5	8	8.6	23	7.7
Leukaemias	533	47.2	437	49.9	393	47.7	1413	54.1	58	37.2	16	17.2	177	59.0
Others	8	0.7	5	0.6	3	0.4	22	0.8	-	-	1	1.1	-	-
<b>All Microscopic</b>	<b>1130</b>	<b>100.0</b>	<b>876</b>	<b>100.0</b>	<b>824</b>	<b>100.0</b>	<b>2610</b>	<b>100.0</b>	<b>156</b>	<b>100.0</b>	<b>93</b>	<b>100.0</b>	<b>300</b>	<b>100.0</b>
<b>FEMALES</b>														
NHL	152	33.9	134	31.4	119	27.6	327	20.5	26	51.0	33	67.3	31	25.8
HD	43	9.6	34	8.0	54	12.5	101	6.3	1	2.0	5	10.2	15	12.5
MM	36	8.0	19	4.4	36	8.4	175	11.0	4	7.8	5	10.2	13	10.8
Leukaemias	216	48.1	240	56.2	221	51.3	976	61.1	20	39.2	6	12.2	61	50.8
Others	2	0.4	-	-	1	0.2	18	1.1	-	-	-	-	-	-
<b>All Microscopic</b>	<b>449</b>	<b>100.0</b>	<b>427</b>	<b>100.0</b>	<b>595</b>	<b>100.0</b>	<b>1601</b>	<b>100.0</b>	<b>51</b>	<b>100.0</b>	<b>49</b>	<b>100.0</b>	<b>120</b>	<b>100.0</b>

NHL = Non-Hodgkin's Lymphoma; HD = Hodgkin's Disease; MM = Multiple Myeloma

## Hodgkin's Disease (ICD-10: C81)

**Table 12.16: Number (#) and Relative Proportion (%) of Different Histologic Types (2007-2011)**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Dibrugarh		Guwahati		Chandigarh	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
<b>MALES</b>														
Hodgkin's Disease NOS	21	16.2	55	42.6	27	22.1	20	8.1	5	50.0	7	58.3	9	45.0
HD LP	7	5.4	22	17.1	-	-	31	12.6	-	-	1	8.3	1	5.0
HD MC	61	46.9	22	17.1	55	45.1	110	44.7	4	40.0	3	25.0	5	25.0
HD LD	-	-	-	-	1	0.8	5	2.0	1	10.0	-	-	-	-
HD Nodular Sclerosis	39	30.0	30	23.3	39	32.0	80	32.5	-	-	1	8.3	5	25.0
Others	2	1.5	-	-	-	-	-	-	-	-	-	-	-	-
<b>All Microscopic</b>	<b>130</b>	<b>100.0</b>	<b>129</b>	<b>100.0</b>	<b>122</b>	<b>100.0</b>	<b>246</b>	<b>100.0</b>	<b>10</b>	<b>100.0</b>	<b>12</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>
<b>FEMALES</b>														
Hodgkin's Disease NOS	5	11.6	17	50.0	12	22.2	8	7.9	-	-	3	60.0	10	66.7
HD LP	-	-	6	17.6	-	-	4	4.0	1	100.0	-	-	-	-
HD MC	18	41.9	6	17.6	15	27.8	36	35.6	-	-	1	20.0	-	-
HD LD	-	-	-	-	1	1.9	3	3.0	-	-	-	-	-	-
HD Nodular Sclerosis	19	44.2	5	14.7	26	48.1	50	49.5	-	-	1	20.0	5	33.3
Others	1	2.3	-	-	-	-	-	-	-	-	-	-	-	-
<b>All Microscopic</b>	<b>43</b>	<b>100.0</b>	<b>34</b>	<b>100.0</b>	<b>54</b>	<b>100.0</b>	<b>101</b>	<b>100.0</b>	<b>1</b>	<b>100.0</b>	<b>5</b>	<b>100.0</b>	<b>15</b>	<b>100.0</b>

LP = Lymphocyte Predominant; MC = Mixed Cellularity; LD = Lymphocyte Depletion

## Leukaemias (ICD-10: C91-C95)

**Table 12.17: Number (#) and Relative Proportion (%) of Different Histologic Types (2007-2011)**

Histologic Type	Mumbai		Bangalore		Chennai		Thi'puram		Dibrugarh		Guwahati		Chandigarh	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
<b>MALES</b>														
Acute Lymph. Leuk.	215	40.3	193	44.2	150	38.2	601	42.5	16	27.6	3	18.8	105	59.3
Chronic Lymph. Leuk.	24	4.5	19	4.3	25	6.4	30	2.1	-	-	1	6.3	9	5.1
Other Lymph. Leuk.	1	0.2	-	-	-	-	7	0.5	-	-	-	-	1	0.6
Acute Myeloid Leuk.	88	16.5	43	9.8	45	11.5	283	20.0	18	31.0	-	-	5	2.8
Chronic Myeloid Leuk.	155	29.1	155	35.5	167	42.5	253	17.9	14	24.1	11	68.8	41	23.2
Other Myeloid Leuk.	21	3.9	-	-	-	-	-	-	-	-	-	-	-	-
Others	29	5.4	27	6.2	6	1.5	239	16.9	10	17.2	1	6.3	16	9.0
<b>All Microscopic</b>	<b>533</b>	<b>100.0</b>	<b>437</b>	<b>100.0</b>	<b>393</b>	<b>100.0</b>	<b>1413</b>	<b>100.0</b>	<b>58</b>	<b>100.0</b>	<b>16</b>	<b>100.0</b>	<b>177</b>	<b>100.0</b>
<b>FEMALES</b>														
Acute Lymph. Leuk.	82	38.0	74	30.8	80	36.2	371	38.0	5	25.0	2	33.3	27	44.3
Chronic Lymph. Leuk.	5	2.3	18	7.5	6	2.7	27	2.8	-	-	-	-	-	-
Other Lymph. Leuk.	-	-	1	0.4	-	-	1	0.1	-	-	-	-	-	-
Acute Myeloid Leuk.	43	19.9	28	11.7	33	14.9	227	23.3	6	30.0	1	16.7	4	6.6
Chronic Myeloid Leuk.	61	28.2	106	44.2	99	44.8	155	15.9	8	40.0	3	50.0	25	41.0
Other Myeloid Leuk.	11	5.1	-	-	-	-	-	-	-	-	-	-	-	-
Others	14	6.5	13	5.4	3	1.4	195	20.0	1	5.0	-	-	5	8.2
<b>All Microscopic</b>	<b>216</b>	<b>100.0</b>	<b>240</b>	<b>100.0</b>	<b>221</b>	<b>100.0</b>	<b>976</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>	<b>61</b>	<b>100.0</b>

*Lymph. Leuk.* = Lymphoid Leukaemia