

## INDIA, Trivandrum (2005-2012)

	Number of cases							Percentage				Incidence rates per million person-years						MV % 0-19	DCO % 0-19				
	Age group							0-14		0-19		Age-specific					Cumulative						
	0	1-4	5-9	10-14	15-19	0-14	0-19	All	Group	All	Group	0	1-4	5-9	10-14	15-19	0-14			0-19	0-14	0-19	
<b>I LEUKAEMIA</b>	0	35	29	27	12	91	103	43.3	100.0	32.8	100.0	-	60.5	45.7	35.1	16.6	44.1	37.9	652	735	100.0	0.0	
a. Lymphoid	0	29	20	13	7	62	69	29.5	68.1	22.0	67.0	-	50.1	31.5	16.9	9.7	31.0	26.2	447	496	100.0	0.0	
b. Acute myeloid	0	5	5	11	3	21	24	10.0	23.1	7.6	23.3	-	8.6	7.9	14.3	4.1	9.4	8.2	146	167	100.0	0.0	
c. CMD	0	0	0	2	0	2	2	1.0	2.2	0.6	1.9	-	-	-	2.6	-	0.8	0.6	13	13	100.0	0.0	
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified	0	1	4	1	2	6	8	2.9	6.6	2.5	7.8	-	1.7	6.3	1.3	2.8	3.0	2.9	45	59	100.0	0.0	
<b>II LYMPHOMA &amp; RELATED</b>	0	1	10	8	24	19	43	9.0	100.0	13.7	100.0	-	1.7	15.8	10.4	33.2	8.7	14.2	138	304	100.0	0.0	
a. Hodgkin	0	1	3	5	17	9	26	4.3	47.4	8.3	60.5	-	1.7	4.7	6.5	23.5	4.0	8.4	63	181	100.0	0.0	
b. Non-Hodgkin except BL	0	0	3	2	6	5	11	2.4	26.3	3.5	25.6	-	-	4.7	2.6	8.3	2.3	3.6	37	78	100.0	0.0	
c. Burkitt (BL)	0	0	3	0	0	3	3	1.4	15.8	1.0	7.0	-	-	4.7	-	-	1.5	1.2	24	24	100.0	0.0	
d. Lymphoreticular	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified	0	0	1	1	1	2	3	1.0	10.5	1.0	7.0	-	-	1.6	1.3	1.4	0.9	1.0	14	21	100.0	0.0	
<b>III CNS NEOPLASMS</b>	0	7	11	10	6	28	34	13.3	100.0	10.8	100.0	-	12.1	17.3	13.0	8.3	13.2	12.1	201	243	85.3	0.0	
a. Ependymoma	0	2	0	2	0	4	4	1.9	14.3	1.3	11.8	-	3.5	-	2.6	-	1.9	1.4	27	27	100.0	0.0	
b. Astrocytoma	0	2	1	6	2	9	11	4.3	32.1	3.5	32.4	-	3.5	1.6	7.8	2.8	3.9	3.6	61	75	100.0	0.0	
c. CNS embryonal	0	2	6	1	2	9	11	4.3	32.1	3.5	32.4	-	3.5	9.5	1.3	2.8	4.5	4.1	68	82	100.0	0.0	
d. Other gliomas	0	0	1	0	2	1	3	0.5	3.6	1.0	8.8	-	-	1.6	-	2.8	0.5	1.0	8	22	100.0	0.0	
e. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
f. Unspecified CNS	0	1	3	1	0	5	5	2.4	17.9	1.6	14.7	-	1.7	4.7	1.3	-	2.5	1.9	37	37	0.0	0.0	
<b>IV NEUROBLASTOMA</b>	0	8	1	0	0	9	9	4.3	100.0	2.9	100.0	-	13.8	1.6	-	-	4.9	3.8	65	65	100.0	0.0	
a. (Ganglio)neuroblastoma	0	8	1	0	0	9	9	4.3	100.0	2.9	100.0	-	13.8	1.6	-	-	4.9	3.8	65	65	100.0	0.0	
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>V RETINOBLASTOMA</b>	0	4	0	1	0	5	5	2.4	100.0	1.6	100.0	-	6.9	-	1.3	-	2.6	2.0	35	35	100.0	0.0	
<b>VI RENAL TUMOURS</b>	0	9	0	0	1	9	10	4.3	100.0	3.2	100.0	-	15.6	-	-	1.4	4.9	4.1	64	71	100.0	0.0	
a. Nephroblastoma	0	9	0	0	1	9	10	4.3	100.0	3.2	100.0	-	15.6	-	-	1.4	4.9	4.1	64	71	100.0	0.0	
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>VII HEPATIC TUMOURS</b>	0	4	1	0	0	5	5	2.4	100.0	1.6	100.0	-	6.9	1.6	-	-	2.7	2.1	36	36	60.0	0.0	
a. Hepatoblastoma	0	3	0	0	0	3	3	1.4	60.0	1.0	60.0	-	5.2	-	-	-	1.6	1.3	21	21	100.0	0.0	
b. Hepatic carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
c. Unspecified	0	1	1	0	0	2	2	1.0	40.0	0.6	40.0	-	1.7	1.6	-	-	1.1	0.8	15	15	0.0	0.0	
<b>VIII BONE TUMOURS</b>	0	2	6	10	7	18	25	8.6	100.0	8.0	100.0	-	3.5	9.5	13.0	9.7	7.9	8.3	126	175	84.0	0.0	
a. Osteosarcoma	0	0	5	5	5	10	15	4.8	55.6	4.8	60.0	-	-	7.9	6.5	6.9	4.4	5.0	72	106	100.0	0.0	
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
c. Ewing & related	0	1	0	3	1	4	5	1.9	22.2	1.6	20.0	-	1.7	-	3.9	1.4	1.7	1.6	27	33	100.0	0.0	
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified	0	1	1	2	1	4	5	1.9	22.2	1.6	20.0	-	1.7	1.6	2.6	1.4	1.8	1.7	28	35	20.0	0.0	
<b>IX SOFT TISSUE SARCOMA</b>	0	1	2	3	4	6	10	2.9	100.0	3.2	100.0	-	1.7	3.2	3.9	5.5	2.7	3.3	42	70	100.0	0.0	
a. Rhabdomyosarcoma	0	0	1	0	3	1	4	0.5	16.7	1.3	40.0	-	-	1.6	-	4.1	0.5	1.3	8	29	100.0	0.0	
b. Fibrosarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	0	1	1	3	1	5	6	2.4	83.3	1.9	60.0	-	1.7	1.6	3.9	1.4	2.2	2.0	34	41	100.0	0.0	
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>X GERM CELL TUMOURS</b>	0	1	1	4	9	6	15	2.9	100.0	4.8	100.0	-	1.7	1.6	5.2	12.4	2.6	4.8	41	103	93.3	0.0	
a. CNS germ cell	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Other extragonadal	0	0	0	0	1	0	1	-	-	0.3	6.7	-	-	-	-	1.4	-	0.3	-	7	7	100.0	0.0
c. Gonadal germ cell	0	1	1	3	7	5	12	2.4	83.3	3.8	80.0	-	1.7	1.6	3.9	9.7	2.2	3.9	34	83	100.0	0.0	
d. Gonadal carcinoma	0	0	0	1	0	1	1	0.5	16.7	0.3	6.7	-	-	-	1.3	-	0.4	0.3	6	6	100.0	0.0	
e. Unspecified gonadal	0	0	0	0	1	0	1	-	-	0.3	6.7	-	-	-	-	1.4	-	0.3	-	7	7	0.0	0.0
<b>XI CARCINOMA &amp; MELANOMA</b>	0	1	3	5	31	9	40	4.3	100.0	12.7	100.0	-	1.7	4.7	6.5	42.9	4.0	12.7	63	278	100.0	0.0	
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Thyroid	0	0	1	1	29	2	31	1.0	22.2	9.9	77.5	-	-	1.6	1.3	40.1	0.9	9.7	14	215	100.0	0.0	
c. Nasopharyngeal	0	0	0	0	2	0	2	-	-	0.6	5.0	-	-	-	-	2.8	-	0.6	-	14	14	100.0	0.0
d. Melanoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Skin carcinoma	0	1	0	2	0	3	3	1.4	33.3	1.0	7.5	-	1.7	-	2.6	-	1.3	1.0	20	20	100.0	0.0	
f. Other & unspecified	0	0	2	2	0	4	4	1.9	44.4	1.3	10.0	-	-	3.2	2.6	-	1.8	1.4	29	29	100.0	0.0	
<b>XII OTHER &amp; UNSPECIFIED</b>	0	2	1	2	10	5	15	2.4	100.0	4.8	100.0	-	3.5	1.6	2.6	13.8	2.4	4.9	35	104	20.0	13.3	
a. Other specified	0	0	0	1	1	1	2	0.5	20.0	0.6	13.3	-	-	-	1.3	1.4	0.4	0.6	6	13	100.0	0.0	
b. Other unspecified	0	2	1	1	9	4	13	1.9	80.0	4.1	86.7	-	3.5	1.6	1.3	12.4	2.0	4.3	29	91	7.7	15.4	
<b>TOTAL</b>	0	75	65	70	104	210	314	100.0	100.0	100.0	100.0	-	129.6	102.5	91.0	143.8	100.6	110.3	1498	2217	92.4	0.6	

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## INDIA, Trivandrum (2005-2012)

	Males										M/F ratio		Females									
	Number of cases in age groups										0-14	0-19	Number of cases in age groups									
	0	1-4	5-9	10-14	15-19	0-14	0-19	ASR per million	0-14	0-19			0	1-4	5-9	10-14	15-19	0-14	0-19	ASR per million	0-14	0-19
<b>I LEUKAEMIA</b>	0	19	14	16	10	49	59	45.6	41.4	1.2	1.3	0	16	15	11	2	42	44	42.5	34.2		
a. Lymphoid	0	17	10	8	7	35	42	33.8	30.4	1.3	1.6	0	12	10	5	0	27	27	28.0	21.7		
b. Acute myeloid	0	2	2	8	1	12	13	9.9	8.3	1.3	1.2	0	3	3	3	2	9	11	8.9	8.2		
c. CMD	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	2	0	2	2	1.6	1.2		
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	2	0	2	2	4	2.0	2.7	0.5	1.0	0	1	2	1	0	4	4	4.0	3.1		
<b>II LYMPHOMA &amp; RELATED</b>	0	0	8	5	12	13	25	11.5	16.1	2.2	1.4	0	1	2	3	12	6	18	5.6	12.1		
a. Hodgkin	0	0	3	3	8	6	14	5.1	8.8	2.0	1.2	0	1	0	2	9	3	12	2.7	7.9		
b. Non-Hodgkin except BL	0	0	2	1	3	3	6	2.7	3.9	1.5	1.2	0	0	1	1	3	2	5	1.8	3.4		
c. Burkitt (BL)	0	0	2	0	0	2	2	2.0	1.5	2.0	2.0	0	0	1	0	0	1	1	1.1	0.8		
d. Lymphoreticular	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	1	1	1	2	3	1.7	1.9	-	-	0	0	0	0	0	0	0	-	-		
<b>III CNS NEOPLASMS</b>	0	4	6	5	2	15	17	13.8	11.9	1.2	1.0	0	3	5	5	4	13	17	12.6	12.3		
a. Ependymoma	0	2	0	1	0	3	3	2.9	2.2	3.0	3.0	0	0	0	1	0	1	1	0.8	0.6		
b. Astrocytoma	0	2	1	4	1	7	8	6.0	5.3	3.5	2.7	0	0	0	2	1	2	3	1.6	1.9		
c. CNS embryonal	0	0	4	0	1	4	5	3.9	3.7	0.8	0.8	0	2	2	1	1	5	6	5.1	4.6		
d. Other gliomas	0	0	1	0	0	1	1	1.0	0.8	-	0.5	0	0	0	0	2	0	2	-	1.3		
e. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Unspecified CNS	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	3	1	0	5	5	5.1	3.9		
<b>IV NEUROBLASTOMA</b>	0	4	0	0	0	4	4	4.3	3.3	0.8	0.8	0	4	1	0	0	5	5	5.6	4.3		
a. (Ganglio)neuroblastoma	0	4	0	0	0	4	4	4.3	3.3	0.8	0.8	0	4	1	0	0	5	5	5.6	4.3		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>V RETINOBLASTOMA</b>	0	2	0	1	0	3	3	2.9	2.2	1.5	1.5	0	2	0	0	0	2	2	2.3	1.7		
<b>VI RENAL TUMOURS</b>	0	5	0	0	1	5	6	5.3	4.7	1.3	1.5	0	4	0	0	0	4	4	4.5	3.5		
a. Nephroblastoma	0	5	0	0	1	5	6	5.3	4.7	1.3	1.5	0	4	0	0	0	4	4	4.5	3.5		
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VII HEPATIC TUMOURS</b>	0	2	1	0	0	3	3	3.1	2.4	1.5	1.5	0	2	0	0	0	2	2	2.3	1.7		
a. Hepatoblastoma	0	2	0	0	0	2	2	2.1	1.7	2.0	2.0	0	1	0	0	0	1	1	1.1	0.9		
b. Hepatic carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	1	0	0	1	1	1.0	0.8	1.0	1.0	0	1	0	0	0	1	1	1.1	0.9		
<b>VIII BONE TUMOURS</b>	0	0	5	4	6	9	15	7.8	9.7	1.0	1.5	0	2	1	6	1	9	10	8.0	6.9		
a. Osteosarcoma	0	0	4	2	4	6	10	5.4	6.6	1.5	2.0	0	0	1	3	1	4	5	3.4	3.3		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	0	2	1	2	3	1.4	1.7	1.0	1.5	0	1	0	1	0	2	2	1.9	1.5		
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	1	0	1	1	2	1.0	1.4	0.3	0.7	0	1	0	2	0	3	3	2.7	2.1		
<b>IX SOFT TISSUE SARCOMA</b>	0	0	2	1	3	3	6	2.7	3.9	1.0	1.5	0	1	0	2	1	3	4	2.7	2.7		
a. Rhabdomyosarcoma	0	0	1	0	2	1	3	1.0	2.0	-	3.0	0	0	0	0	1	0	1	-	0.6		
b. Fibrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	0	1	1	1	2	3	1.7	1.9	0.7	1.0	0	1	0	2	0	3	3	2.7	2.1		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>X GERM CELL TUMOURS</b>	0	1	0	0	3	1	4	1.1	2.6	0.2	0.4	0	0	1	4	6	5	11	4.2	7.1		
a. CNS germ cell	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Other extragonadal	0	0	0	0	1	0	1	-	0.6	-	-	0	0	0	0	0	0	0	-	-		
c. Gonadal germ cell	0	1	0	0	2	1	3	1.1	2.0	0.3	0.3	0	0	1	3	5	4	9	3.4	5.9		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.8	0.6		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	1	0	1	1	-	0.6		
<b>XI CARCINOMA &amp; MELANOMA</b>	0	0	0	2	11	2	13	1.4	7.7	0.3	0.5	0	1	3	3	20	7	27	6.6	18.1		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	0	0	10	0	10	-	6.0	0.0	0.5	0	0	1	1	19	2	21	1.8	13.7		
c. Nasopharyngeal	0	0	0	0	1	0	1	-	0.6	-	1.0	0	0	0	0	1	0	1	-	0.6		
d. Melanoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	2	0	3	3	2.7	2.1		
f. Other & unspecified	0	0	0	2	0	2	2	1.4	1.1	1.0	1.0	0	0	2	0	0	2	2	2.1	1.6		
<b>XII OTHER &amp; UNSPECIFIED</b>	0	1	1	2	2	4	6	3.5	3.9	4.0	0.7	0	1	0	0	8	1	9	1.1	6.0		
a. Other specified	0	0	0	1	1	1	2	0.7	1.2	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	1	1	1	1	3	4	2.8	2.8	3.0	0.4	0	1	0	0	8	1	9	1.1	6.0		
<b>TOTAL</b>	0	38	37	36	50	111	161	103.0	109.9	1.1	1.1	0	37	28	34	54	99	153	97.9	110.8		

Please consult the quality indicators for this registry

## INDIA, Trivandrum (2005-2012)

	Age group	Males	Females
Person-years	0	66 214	61 503
	1-4	297 031	281 667
	5-9	327 193	307 056
	10-14	400 925	368 587
	15-19	374 753	348 226
Total	0-14	1 091 363	1 018 813
	0-19	1 466 116	1 367 039
Average annual population	0-14	136 420	127 352
	0-19	183 265	170 880

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