

## THAILAND, Chonburi (1998-2012)

	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	ASR			0-19	0-14
<b>I LEUKAEMIA</b>	13	101	60	49	47	223	270	45.4	100.0	38.9	100.0	54.3	101.7	47.7	38.7	36.2	62.4	56.5	894	1075	100.0	0.0
a. Lymphoid	2	67	39	28	12	136	148	27.7	61.0	21.3	54.8	8.4	67.4	31.0	22.1	9.2	38.1	31.6	545	591	100.0	0.0
b. Acute myeloid	3	11	4	5	9	23	32	4.7	10.3	4.6	11.9	12.5	11.1	3.2	3.9	6.9	6.6	6.6	92	127	100.0	0.0
c. CMD	3	3	3	7	5	16	21	3.3	7.2	3.0	7.8	12.5	3.0	2.4	5.5	3.9	4.3	4.2	64	83	100.0	0.0
d. MDS & other	0	0	0	0	5	0	5	-	-	-	0.7	1.9	-	-	-	3.9	-	0.9	-	19	100.0	0.0
e. Unspecified	5	20	14	9	16	48	64	9.8	21.5	9.2	23.7	20.9	20.1	11.1	7.1	12.3	13.5	13.2	192	254	100.0	0.0
<b>II LYMPHOMA &amp; RELATED</b>	0	15	22	30	33	67	100	13.6	100.0	14.4	100.0	-	15.1	17.5	23.7	25.4	17.2	19.1	267	394	100.0	0.0
a. Hodgkin	0	2	4	4	2	10	12	2.0	14.9	1.7	12.0	-	2.0	3.2	3.2	1.5	2.6	2.3	40	47	100.0	0.0
b. Non-Hodgkin except BL	0	4	6	14	19	24	43	4.9	35.8	6.2	43.0	-	4.0	4.8	11.0	14.6	6.0	7.9	95	168	100.0	0.0
c. Burkitt (BL)	0	3	1	0	0	4	4	0.8	6.0	0.6	4.0	-	3.0	0.8	-	-	1.2	0.9	16	16	100.0	0.0
d. Lymphoreticular	0	0	0	2	0	2	2	0.4	3.0	0.3	2.0	-	-	-	1.6	-	0.5	0.4	8	8	100.0	0.0
e. Unspecified	0	6	11	10	12	27	39	5.5	40.3	5.6	39.0	-	6.0	8.7	7.9	9.2	7.0	7.5	107	154	100.0	0.0
<b>III CNS NEOPLASMS †</b>	4	12	23	23	14	62	76	12.6	100.0	11.0	100.0	16.7	12.1	18.3	18.1	10.8	16.2	15.0	247	301	59.2	7.9
a. Ependymoma	1	3	0	3	0	7	7	1.4	11.3	1.0	9.2	4.2	3.0	-	2.4	-	1.9	1.5	28	28	100.0	0.0
b. Astrocytoma	2	2	4	7	7	15	22	3.1	24.2	3.2	28.9	8.4	2.0	3.2	5.5	5.4	3.9	4.2	60	87	100.0	0.0
c. CNS embryonal	0	1	6	0	2	7	9	1.4	11.3	1.3	11.8	-	1.0	4.8	-	1.5	1.9	1.8	28	36	100.0	0.0
d. Other gliomas	0	1	3	1	0	5	5	1.0	8.1	0.7	6.6	-	1.0	2.4	0.8	-	1.3	1.0	20	20	100.0	0.0
e. Other specified	0	0	2	0	0	2	2	0.4	3.2	0.3	2.6	-	-	1.6	-	-	0.5	0.4	8	8	100.0	0.0
f. Unspecified CNS	1	5	8	12	5	26	31	5.3	41.9	4.5	40.8	4.2	5.0	6.4	9.5	3.9	6.7	6.0	103	123	0.0	19.4
<b>IV NEUROBLASTOMA</b>	2	11	5	1	0	19	19	3.9	100.0	2.7	100.0	8.4	11.1	4.0	0.8	-	5.6	4.3	77	77	100.0	0.0
a. (Ganglio)neuroblastoma	2	11	5	1	0	19	19	3.9	100.0	2.7	100.0	8.4	11.1	4.0	0.8	-	5.6	4.3	77	77	100.0	0.0
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>V RETINOBLASTOMA</b>	2	10	0	0	0	12	12	2.4	100.0	1.7	100.0	8.4	10.1	-	-	-	3.8	2.9	49	49	100.0	0.0
<b>VI RENAL TUMOURS</b>	2	7	2	1	3	12	15	2.4	100.0	2.2	100.0	8.4	7.0	1.6	0.8	2.3	3.6	3.3	48	60	100.0	0.0
a. Nephroblastoma	2	7	2	1	0	12	12	2.4	100.0	1.7	80.0	8.4	7.0	1.6	0.8	-	3.6	2.8	48	48	100.0	0.0
b. Renal carcinoma	0	0	0	0	3	0	3	-	-	0.4	20.0	-	-	-	-	2.3	-	0.5	-	12	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VII HEPATIC TUMOURS</b>	4	4	1	1	3	10	13	2.0	100.0	1.9	100.0	16.7	4.0	0.8	0.8	2.3	3.0	2.8	40	52	69.2	0.0
a. Hepatoblastoma	3	2	1	0	0	6	6	1.2	60.0	0.9	46.2	12.5	2.0	0.8	-	-	1.8	1.4	24	24	100.0	0.0
b. Hepatic carcinoma	0	0	0	1	2	1	3	0.2	10.0	0.4	23.1	-	-	-	0.8	1.5	0.2	0.5	4	12	100.0	0.0
c. Unspecified	1	2	0	0	1	3	4	0.6	30.0	0.6	30.8	4.2	2.0	-	-	0.8	0.9	0.9	12	16	0.0	0.0
<b>VIII BONE TUMOURS</b>	0	1	3	18	19	22	41	4.5	100.0	5.9	100.0	-	1.0	2.4	14.2	14.6	5.2	7.3	87	160	80.5	4.9
a. Osteosarcoma	0	0	3	11	12	14	26	2.9	63.6	3.7	63.4	-	-	2.4	8.7	9.2	3.3	4.6	55	102	100.0	0.0
b. Chondrosarcoma	0	0	0	1	0	1	1	0.2	4.5	0.1	2.4	-	-	-	0.8	-	0.2	0.2	4	4	100.0	0.0
c. Ewing & related	0	1	0	1	2	2	4	0.4	9.1	0.6	9.8	-	1.0	-	0.8	1.5	0.5	0.8	8	16	100.0	0.0
d. Other specified	0	0	0	0	2	0	2	-	-	0.3	4.9	-	-	-	-	1.5	-	0.3	-	8	100.0	0.0
e. Unspecified	0	0	0	5	3	5	8	1.0	22.7	1.2	19.5	-	-	-	3.9	2.3	1.1	1.4	20	31	0.0	25.0
<b>IX SOFT TISSUE SARCOMA</b>	0	4	6	11	8	21	29	4.3	100.0	4.2	100.0	-	4.0	4.8	8.7	6.2	5.3	5.5	83	114	100.0	0.0
a. Rhabdomyosarcoma	0	0	4	5	1	9	10	1.8	42.9	1.4	34.5	-	-	3.2	3.9	0.8	2.2	1.9	36	39	100.0	0.0
b. Fibrosarcoma	0	1	0	2	0	3	3	0.6	14.3	0.4	10.3	-	1.0	-	1.6	-	0.8	0.6	12	12	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	0	1	2	2	6	5	11	1.0	23.8	1.6	37.9	-	1.0	1.6	1.6	4.6	1.3	2.0	20	43	100.0	0.0
e. Unspecified	0	2	0	2	1	4	5	0.8	19.0	0.7	17.2	-	2.0	-	1.6	0.8	1.1	1.0	16	20	100.0	0.0
<b>X GERM CELL TUMOURS</b>	2	4	3	9	23	18	41	3.7	100.0	5.9	100.0	8.4	4.0	2.4	7.1	17.7	4.7	7.6	72	160	97.6	0.0
a. CNS germ cell	0	0	1	0	0	1	1	0.2	5.6	0.1	2.4	-	-	0.8	-	-	0.3	0.2	4	4	100.0	0.0
b. Other extragonadal	0	0	0	1	2	1	3	0.2	5.6	0.4	7.3	-	-	-	0.8	1.5	0.2	0.5	4	12	100.0	0.0
c. Gonadal germ cell	2	4	1	7	16	14	30	2.9	77.8	4.3	73.2	8.4	4.0	0.8	5.5	12.3	3.7	5.7	56	118	100.0	0.0
d. Gonadal carcinoma	0	0	1	1	3	2	5	0.4	11.1	0.7	12.2	-	-	0.8	0.8	2.3	0.5	0.9	8	19	100.0	0.0
e. Unspecified gonadal	0	0	0	0	2	0	2	-	-	0.3	4.9	-	-	-	-	1.5	-	0.3	-	8	50.0	0.0
<b>XI CARCINOMA &amp; MELANOMA</b>	0	3	2	7	46	12	58	2.4	100.0	8.4	100.0	-	3.0	1.6	5.5	35.4	3.1	10.3	48	225	100.0	0.0
a. Adrenocortical	0	1	0	0	0	1	1	0.2	8.3	0.1	1.7	-	1.0	-	-	-	0.3	0.2	4	4	100.0	0.0
b. Thyroid	0	0	1	3	14	4	18	0.8	33.3	2.6	31.0	-	-	0.8	2.4	10.8	0.9	3.2	16	70	100.0	0.0
c. Nasopharyngeal	0	0	1	1	12	2	14	0.4	16.7	2.0	24.1	-	-	0.8	0.8	9.2	0.5	2.5	8	54	100.0	0.0
d. Melanoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Skin carcinoma	0	0	0	0	5	0	5	-	-	0.7	8.6	-	-	-	-	3.9	-	0.9	-	19	100.0	0.0
f. Other & unspecified	0	2	0	3	15	5	20	1.0	41.7	2.9	34.5	-	2.0	-	2.4	11.6	1.3	3.6	20	78	100.0	0.0
<b>XII OTHER &amp; UNSPECIFIED</b>	2	6	1	4	7	13	20	2.6	100.0	2.9	100.0	8.4	6.0	0.8	3.2	5.4	3.7	4.1	52	79	0.0	50.0
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Other unspecified	2	6	1	4	7	13	20	2.6	100.0	2.9	100.0	8.4	6.0	0.8	3.2	5.4	3.7	4.1	52	79	0.0	50.0
<b>TOTAL</b>	31	178	128	154	203	491	694	100.0	100.0	100.0	100.0	129.6	179.2	101.7	121.5	156.4	133.7	138.8	1963	2745	90.8	2.6

† includes 1 non-malignant

Please consult the quality indicators for this registry

## THAILAND, Chonburi (1998-2012)

	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>	8	60	33	27	23	128	151	69.9	62.0	1.3	1.3	5	41	27	22	24	95	119	54.4	50.6		
a. Lymphoid	1	40	21	17	6	79	85	43.0	35.4	1.4	1.3	1	27	18	11	6	57	63	32.8	27.5		
b. Acute myeloid	3	5	4	3	3	15	18	8.2	7.4	1.9	1.3	0	6	0	2	6	8	14	4.8	5.9		
c. CMD	1	1	2	1	2	5	7	2.7	2.7	0.5	0.5	2	2	1	6	3	11	14	5.9	5.7		
d. MDS & other	0	0	0	0	2	0	2	-	0.7	-	0.7	0	0	0	0	3	0	3	-	1.1		
e. Unspecified	3	14	6	6	10	29	39	16.0	15.8	1.5	1.6	2	6	8	3	6	19	25	10.8	10.5		
<b>II LYMPHOMA &amp; RELATED</b>	0	6	13	13	23	32	55	15.9	20.2	0.9	1.2	0	9	9	17	10	35	45	18.6	17.9		
a. Hodgkin	0	1	3	2	2	6	8	3.0	3.0	1.5	2.0	0	1	1	2	0	4	4	2.1	1.6		
b. Non-Hodgkin except BL	0	1	4	7	11	12	23	5.7	8.2	1.0	1.1	0	3	2	7	8	12	20	6.3	7.7		
c. Burkitt (BL)	0	2	1	0	0	3	3	1.7	1.3	3.0	3.0	0	1	0	0	0	1	1	0.6	0.5		
d. Lymphoreticular	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	2	0	2	2	0.9	0.7		
e. Unspecified	0	2	5	4	10	11	21	5.5	7.7	0.7	1.2	0	4	6	6	2	16	18	8.6	7.4		
<b>III CNS NEOPLASMS †</b>	2	7	14	13	7	36	43	18.3	16.5	1.4	1.3	2	5	9	10	7	26	33	14.0	13.3		
a. Ependymoma	0	1	0	2	0	3	3	1.5	1.2	0.8	0.8	1	2	0	1	0	4	4	2.4	1.9		
b. Astrocytoma	1	2	1	4	4	8	12	4.1	4.6	1.1	1.2	1	0	3	3	3	7	10	3.6	3.9		
c. CNS embryonal	0	1	5	0	0	6	6	3.1	2.4	6.0	2.0	0	0	1	0	2	1	3	0.5	1.1		
d. Other gliomas	0	1	2	1	0	4	4	2.1	1.6	4.0	4.0	0	0	1	0	0	1	1	0.5	0.4		
e. Other specified	0	0	2	0	0	2	2	1.0	0.8	-	-	0	0	0	0	0	0	0	-	-		
f. Unspecified CNS	1	2	4	6	3	13	16	6.5	6.1	1.0	1.1	0	3	4	6	2	13	15	6.9	6.0		
<b>IV NEUROBLASTOMA</b>	1	6	1	0	0	8	8	4.8	3.7	0.7	0.7	1	5	4	1	0	11	11	6.5	5.0		
a. (Ganglio)neuroblastoma	1	6	1	0	0	8	8	4.8	3.7	0.7	0.7	1	5	4	1	0	11	11	6.5	5.0		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>V RETINOBLASTOMA</b>	2	6	0	0	0	8	8	4.9	3.8	2.0	2.0	0	4	0	0	0	4	4	2.6	2.0		
<b>VI RENAL TUMOURS</b>	1	3	1	0	0	5	5	2.9	2.3	0.7	0.5	1	4	1	1	3	7	10	4.2	4.3		
a. Nephroblastoma	1	3	1	0	0	5	5	2.9	2.3	0.7	0.7	1	4	1	1	0	7	7	4.2	3.3		
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	3	0	3	-	1.1		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VII HEPATIC TUMOURS</b>	2	3	1	1	1	7	8	4.0	3.4	2.3	1.6	2	1	0	0	2	3	5	1.9	2.2		
a. Hepatoblastoma	1	2	1	0	0	4	4	2.3	1.8	2.0	2.0	2	0	0	0	0	2	2	1.3	1.0		
b. Hepatic carcinoma	0	0	0	1	0	1	1	0.4	0.3	-	0.5	0	0	0	0	2	0	2	-	0.7		
c. Unspecified	1	1	0	0	1	2	3	1.2	1.3	2.0	3.0	0	1	0	0	0	1	1	0.6	0.5		
<b>VIII BONE TUMOURS</b>	0	1	2	8	13	11	24	5.2	8.5	1.0	1.4	0	0	1	10	6	11	17	5.2	6.2		
a. Osteosarcoma	0	0	2	4	7	6	13	2.8	4.5	0.8	1.0	0	0	1	7	5	8	13	3.8	4.7		
b. Chondrosarcoma	0	0	0	1	0	1	1	0.4	0.3	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	1	0	1	2	2	4	1.1	1.5	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	0	0	0	2	0	2	-	0.7	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	2	2	2	4	0.9	1.4	0.7	1.0	0	0	0	3	1	3	4	1.4	1.4		
<b>IX SOFT TISSUE SARCOMA</b>	0	3	3	6	3	12	15	6.0	5.7	1.3	1.1	0	1	3	5	5	9	14	4.6	5.3		
a. Rhabdomyosarcoma	0	0	3	2	1	5	6	2.4	2.2	1.3	1.5	0	0	1	3	0	4	4	1.9	1.5		
b. Fibrosarcoma	0	1	0	2	0	3	3	1.5	1.2	-	-	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	1	0	0	2	1	3	0.6	1.2	0.3	0.4	0	0	2	2	4	4	8	2.0	3.0		
e. Unspecified	0	1	0	2	0	3	3	1.5	1.2	3.0	1.5	0	1	0	0	1	1	2	0.6	0.9		
<b>X GERM CELL TUMOURS</b>	2	4	2	5	9	13	22	6.9	8.4	2.6	1.2	0	0	1	4	14	5	19	2.4	6.8		
a. CNS germ cell	0	0	1	0	0	1	1	0.5	0.4	-	-	0	0	0	0	0	0	0	-	-		
b. Other extragonadal	0	0	0	1	0	1	1	0.4	0.3	-	0.5	0	0	0	0	2	0	2	-	0.7		
c. Gonadal germ cell	2	4	1	4	8	11	19	5.9	7.3	3.7	1.7	0	0	0	3	8	3	11	1.4	3.9		
d. Gonadal carcinoma	0	0	0	0	1	0	1	-	0.3	0.0	0.3	0	0	1	1	2	2	4	1.0	1.5		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	0.7		
<b>XI CARCINOMA &amp; MELANOMA</b>	0	2	1	4	19	7	26	3.5	9.2	1.4	0.8	0	1	1	3	27	5	32	2.6	11.5		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	0.6	0.5		
b. Thyroid	0	0	0	1	0	1	1	0.4	0.3	0.3	0.1	0	0	1	2	14	3	17	1.5	6.1		
c. Nasopharyngeal	0	0	1	1	9	2	11	0.9	3.8	-	3.7	0	0	0	0	3	0	3	-	1.1		
d. Melanoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Skin carcinoma	0	0	0	0	2	0	2	-	0.7	-	0.7	0	0	0	0	3	0	3	-	1.1		
f. Other & unspecified	0	2	0	2	8	4	12	2.1	4.4	4.0	1.5	0	0	0	1	7	1	8	0.5	2.8		
<b>XII OTHER &amp; UNSPECIFIED</b>	2	4	0	1	2	7	9	4.1	3.9	1.2	0.8	0	2	1	3	5	6	11	3.2	4.3		
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	2	4	0	1	2	7	9	4.1	3.9	1.2	0.8	0	2	1	3	5	6	11	3.2	4.3		
<b>TOTAL</b>	20	105	71	78	100	274	374	146.3	147.6	1.3	1.2	11	73	57	76	103	217	320	120.3	129.4		

† includes 1 non-malignant in males

Please consult the quality indicators for this registry

## THAILAND, Chonburi (1998-2012)

	Age group	Males	Females
Person-years	0	123 550	115 676
	1-4	511 896	481 599
	5-9	647 743	611 291
	10-14	651 138	616 476
	15-19	657 716	640 430
Total	0-14	1 934 327	1 825 042
	0-19	2 592 043	2 465 472
Average annual population	0-14	128 955	121 669
	0-19	172 803	164 365

Please consult the quality indicators for this registry