

THAILAND, Bangkok (2001-2012)

	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
I LEUKAEMIA	12	185	161	145	127	503	630	34.8	100.0	29.6	100.0	14.5	55.8	36.2	31.7	20.9	39.3	35.1	577	682	100.0	0.0
a. Lymphoid	2	95	101	69	40	267	307	18.5	53.1	14.4	48.7	2.4	28.6	22.7	15.1	6.6	20.8	17.6	306	339	100.0	0.0
b. Acute myeloid	1	21	12	16	25	50	75	3.5	9.9	3.5	11.9	1.2	6.3	2.7	3.5	4.1	3.9	4.0	58	78	100.0	0.0
c. CMD	0	6	5	7	10	18	28	1.2	3.6	1.3	4.4	-	1.8	1.1	1.5	1.6	1.4	1.4	21	29	100.0	0.0
d. MDS & other	0	3	0	1	0	4	4	0.3	0.8	0.2	0.6	-	0.9	-	0.2	-	0.3	0.3	5	5	100.0	0.0
e. Unspecified	9	60	43	52	52	164	216	11.4	32.6	10.2	34.3	10.8	18.1	9.7	11.4	8.6	12.9	11.9	188	231	100.0	0.0
II LYMPHOMA & RELATED	0	35	37	43	97	115	212	8.0	100.0	10.0	100.0	-	10.5	8.3	9.4	16.0	8.7	10.3	131	211	100.0	0.0
a. Hodgkin	0	5	9	12	23	26	49	1.8	22.6	2.3	23.1	-	1.5	2.0	2.6	3.8	1.9	2.3	29	48	100.0	0.0
b. Non-Hodgkin except BL	0	7	13	16	45	36	81	2.5	31.3	3.8	38.2	-	2.1	2.9	3.5	7.4	2.6	3.7	41	78	100.0	0.0
c. Burkitt (BL)	0	4	3	3	4	10	14	0.7	8.7	0.7	6.6	-	1.2	0.7	0.7	0.7	0.8	0.8	11	15	100.0	0.0
d. Lymphoreticular	0	8	2	0	0	10	10	0.7	8.7	0.5	4.7	-	2.4	0.4	-	-	0.9	0.7	12	12	100.0	0.0
e. Unspecified	0	11	10	12	25	33	58	2.3	28.7	2.7	27.4	-	3.3	2.2	2.6	4.1	2.5	2.9	38	58	100.0	0.0
III CNS NEOPLASMS †	1	64	74	71	56	210	266	14.5	100.0	12.5	100.0	1.2	19.3	16.6	15.5	9.2	15.9	14.4	239	285	92.9	3.0
a. Ependymoma	0	4	3	4	2	11	13	0.8	5.2	0.6	4.9	-	1.2	0.7	0.9	0.3	0.8	0.7	13	14	100.0	0.0
b. Astrocytoma	1	25	27	36	28	89	117	6.2	42.4	5.5	44.0	1.2	7.5	6.1	7.9	4.6	6.7	6.2	101	124	100.0	0.0
c. CNS embryonal	0	29	21	13	7	63	70	4.4	30.0	3.3	26.3	-	8.7	4.7	2.8	1.2	5.1	4.2	73	79	100.0	0.0
d. Other gliomas	0	2	13	10	6	25	31	1.7	11.9	1.5	11.7	-	0.6	2.9	2.2	1.0	1.8	1.6	28	33	100.0	0.0
e. Other specified	0	2	3	4	7	9	16	0.6	4.3	0.8	6.0	-	0.6	0.7	0.9	1.2	0.7	0.8	10	16	100.0	0.0
f. Unspecified CNS	0	2	7	4	6	13	19	0.9	6.2	0.9	7.1	-	0.6	1.6	0.9	1.0	0.9	1.0	15	20	0.0	42.1
IV NEUROBLASTOMA	0	37	13	5	2	55	57	3.8	100.0	2.7	100.0	-	11.2	2.9	1.1	0.3	4.7	3.7	65	66	100.0	0.0
a. (Ganglio)neuroblastoma	0	37	12	5	1	54	55	3.7	98.2	2.6	96.5	-	11.2	2.7	1.1	0.2	4.6	3.6	64	64	100.0	0.0
b. Peripheral nervous	0	0	1	0	1	1	2	0.1	1.8	0.1	3.5	-	-	0.2	-	0.2	0.1	0.1	1	2	100.0	0.0
V RETINOBLASTOMA	1	40	4	0	0	45	45	3.1	100.0	2.1	100.0	1.2	12.1	0.9	-	-	4.1	3.2	54	54	100.0	0.0
VI RENAL TUMOURS	1	19	7	7	6	34	40	2.4	100.0	1.9	100.0	1.2	5.7	1.6	1.5	1.0	2.8	2.4	40	45	92.5	2.5
a. Nephroblastoma	1	18	5	1	1	25	26	1.7	73.5	1.2	65.0	1.2	5.4	1.1	0.2	0.2	2.2	1.7	30	30	100.0	0.0
b. Renal carcinoma	0	0	1	6	4	7	11	0.5	20.6	0.5	27.5	-	-	0.2	1.3	0.7	0.5	0.5	8	11	100.0	0.0
c. Unspecified	0	1	1	0	1	2	3	0.1	5.9	0.1	7.5	-	0.3	0.2	-	0.2	0.2	0.2	2	3	0.0	33.3
VII HEPATIC TUMOURS	1	19	4	6	8	30	38	2.1	100.0	1.8	100.0	1.2	5.7	0.9	1.3	1.3	2.5	2.3	35	42	78.9	0.0
a. Hepatoblastoma	0	14	3	3	5	20	25	1.4	66.7	1.2	65.8	-	4.2	0.7	0.7	0.8	1.7	1.5	24	28	100.0	0.0
b. Hepatic carcinoma	0	2	0	2	1	4	5	0.3	13.3	0.2	13.2	-	0.6	-	0.4	0.2	0.3	0.3	5	5	100.0	0.0
c. Unspecified	1	3	1	1	2	6	8	0.4	20.0	0.4	21.1	1.2	0.9	0.2	0.2	0.3	0.5	0.5	7	9	0.0	0.0
VIII BONE TUMOURS	0	5	12	53	61	70	131	4.8	100.0	6.2	100.0	-	1.5	2.7	11.6	10.0	4.7	5.9	78	128	87.0	6.1
a. Osteosarcoma	0	4	7	39	40	50	90	3.5	71.4	4.2	68.7	-	1.2	1.6	8.5	6.6	3.4	4.1	55	88	100.0	0.0
b. Chondrosarcoma	0	0	1	2	3	3	6	0.2	4.3	0.3	4.6	-	-	0.2	0.4	0.5	0.2	0.3	3	6	100.0	0.0
c. Ewing & related	0	1	3	7	3	11	14	0.8	15.7	0.7	10.7	-	0.3	0.7	1.5	0.5	0.8	0.7	12	15	100.0	0.0
d. Other specified	0	0	0	1	2	1	3	0.1	1.4	0.1	2.3	-	-	-	0.2	0.3	0.1	0.1	1	3	100.0	0.0
e. Unspecified	0	0	1	4	13	5	18	0.3	7.1	0.8	13.7	-	-	0.2	0.9	2.1	0.3	0.7	6	16	5.6	44.4
IX SOFT TISSUE SARCOMA	4	22	16	24	46	66	112	4.6	100.0	5.3	100.0	4.8	6.6	3.6	5.3	7.6	5.1	5.7	76	113	100.0	0.0
a. Rhabdomyosarcoma	2	17	9	7	11	35	46	2.4	53.0	2.2	41.1	2.4	5.1	2.0	1.5	1.8	2.9	2.6	41	50	100.0	0.0
b. Fibrosarcoma	0	2	1	3	5	6	11	0.4	9.1	0.5	9.8	-	0.6	0.2	0.7	0.8	0.4	0.5	7	11	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	-	0.0	0.9	-	-	-	-	0.2	-	0.0	-	1	100.0	0.0
d. Other specified	2	2	4	9	23	17	40	1.2	25.8	1.9	35.7	2.4	0.6	0.9	2.0	3.8	1.2	1.8	19	38	100.0	0.0
e. Unspecified	0	1	2	5	6	8	14	0.6	12.1	0.7	12.5	-	0.3	0.4	1.1	1.0	0.6	0.7	9	14	100.0	0.0
X GERM CELL TUMOURS	0	30	14	56	82	100	182	6.9	100.0	8.6	100.0	-	9.0	3.1	12.3	13.5	7.4	8.8	113	181	90.7	0.5
a. CNS germ cell	0	4	6	22	18	32	50	2.2	32.0	2.4	27.5	-	1.2	1.3	4.8	3.0	2.2	2.4	36	50	100.0	0.0
b. Other extragonadal	0	10	1	6	12	17	29	1.2	17.0	1.4	15.9	-	3.0	0.2	1.3	2.0	1.4	1.5	20	30	100.0	0.0
c. Gonadal germ cell	0	12	7	20	30	39	69	2.7	39.0	3.2	37.9	-	3.6	1.6	4.4	4.9	2.9	3.4	44	69	100.0	0.0
d. Gonadal carcinoma	0	0	0	5	12	5	17	0.3	5.0	0.8	9.3	-	-	-	1.1	2.0	0.3	0.7	5	15	100.0	0.0
e. Unspecified gonadal	0	4	0	3	10	7	17	0.5	7.0	0.8	9.3	-	1.2	-	0.7	1.6	0.6	0.8	8	16	0.0	5.9
XI CARCINOMA & MELANOMA	9	39	24	56	129	128	257	8.9	100.0	12.1	100.0	10.8	11.8	5.4	12.3	21.2	9.8	12.4	146	252	100.0	0.0
a. Adrenocortical	0	3	0	0	1	3	4	0.2	2.3	0.2	1.6	-	0.9	-	-	0.2	0.3	0.3	4	4	100.0	0.0
b. Thyroid	2	4	6	13	43	25	68	1.7	19.5	3.2	26.5	2.4	1.2	1.3	2.8	7.1	1.8	3.0	28	64	100.0	0.0
c. Nasopharyngeal	0	2	1	10	16	13	29	0.9	10.2	1.4	11.3	-	0.6	0.2	2.2	2.6	0.9	1.3	14	28	100.0	0.0
d. Melanoma	0	0	2	2	3	4	7	0.3	3.1	0.3	2.7	-	-	0.4	0.4	0.5	0.3	0.3	4	7	100.0	0.0
e. Skin carcinoma	0	1	2	2	2	5	7	0.3	3.9	0.3	2.7	-	0.3	0.4	0.4	0.3	0.4	0.4	6	7	100.0	0.0
f. Other & unspecified	7	29	13	29	64	78	142	5.4	60.9	6.7	55.3	8.4	8.7	2.9	6.3	10.5	6.1	7.1	90	142	100.0	0.0
XII OTHER & UNSPECIFIED	5	39	17	27	67	88	155	6.1	100.0	7.3	100.0	6.0	11.8	3.8	5.9	11.0	7.1	7.9	102	157	5.2	13.5
a. Other specified	0	0	0	0	1	0	1	-	-	0.0	0.6	-	-	-	-	0.2	-	0.0	-	1	100.0	0.0
b. Other unspecified	5	39	17	27	66	88	154	6.1	100.0	7.2	99.4	6.0	11.8	3.8	5.9	10.9	7.1	7.9	102	156	4.5	13.6
TOTAL	34	534	383	493	681	1444	2125	100.0	100.0	100.0	100.0	41.0	160.9	86.2	107.9	112.0	112.1	112.1	1655	2215	90.1	1.8

† includes 14 non-malignant

Please consult the quality indicators for this registry

THAILAND, Bangkok (2001-2012)

	Males										M/F ratio		Females											
	Number of cases in age groups										0-14	0-19	Number of cases in age groups										0-14	0-19
	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		
I LEUKAEMIA	7	103	103	79	77	292	369	44.5	40.4	1.4	1.4	5	82	58	66	50	211	261	33.8	29.8				
a. Lymphoid	2	57	65	33	27	157	184	24.1	20.7	1.4	1.5	0	38	36	36	13	110	123	17.3	14.3				
b. Acute myeloid	1	13	9	9	11	32	43	4.9	4.7	1.8	1.3	0	8	3	7	14	18	32	2.9	3.2				
c. CMD	0	2	5	6	7	13	20	1.8	2.0	2.6	2.5	0	4	0	1	3	5	8	0.9	0.9				
d. MDS & other	0	1	0	1	0	2	2	0.3	0.2	1.0	1.0	0	2	0	0	0	2	2	0.4	0.3				
e. Unspecified	4	30	24	30	32	88	120	13.3	12.8	1.2	1.3	5	30	19	22	20	76	96	12.4	11.0				
II LYMPHOMA & RELATED	0	23	22	25	54	70	124	10.4	12.2	1.6	1.4	0	12	15	18	43	45	88	6.9	8.4				
a. Hodgkin	0	3	6	6	14	15	29	2.1	2.7	1.4	1.4	0	2	3	6	9	11	20	1.6	1.9				
b. Non-Hodgkin except BL	0	3	6	11	23	20	43	2.8	3.9	1.3	1.1	0	4	7	5	22	16	38	2.5	3.5				
c. Burkitt (BL)	0	3	1	3	4	7	11	1.1	1.1	2.3	3.7	0	1	2	0	0	3	3	0.5	0.4				
d. Lymphoreticular	0	4	2	0	0	6	6	1.0	0.8	1.5	1.5	0	4	0	0	0	4	4	0.8	0.6				
e. Unspecified	0	10	7	5	13	22	35	3.4	3.7	2.0	1.5	0	1	3	7	12	11	23	1.5	2.0				
III CNS NEOPLASMS †	1	36	43	44	33	124	157	18.3	16.7	1.4	1.4	0	28	31	27	23	86	109	13.5	12.1				
a. Ependymoma	0	3	2	3	1	8	9	1.2	1.0	2.7	2.3	0	1	1	1	1	3	4	0.5	0.4				
b. Astrocytoma	1	15	15	21	18	52	70	7.7	7.3	1.4	1.5	0	10	12	15	10	37	47	5.6	5.1				
c. CNS embryonal	0	14	14	8	4	36	40	5.5	4.6	1.3	1.3	0	15	7	5	3	27	30	4.6	3.8				
d. Other gliomas	0	2	6	8	4	16	20	2.2	2.0	1.8	1.8	0	0	7	2	2	9	11	1.3	1.1				
e. Other specified	0	1	2	1	3	4	7	0.6	0.7	0.8	0.8	0	1	1	3	4	5	9	0.7	0.8				
f. Unspecified CNS	0	1	4	3	3	8	11	1.1	1.1	1.6	1.4	0	1	3	1	3	5	8	0.8	0.8				
IV NEUROBLASTOMA	0	21	6	4	1	31	32	5.2	4.1	1.3	1.3	0	16	7	1	1	24	25	4.2	3.4				
a. (Ganglioneuroblastoma	0	21	5	4	0	30	30	5.0	3.9	1.3	1.2	0	16	7	1	1	24	25	4.2	3.4				
b. Peripheral nervous	0	0	1	0	1	1	2	0.1	0.2	-	-	0	0	0	0	0	0	0	-	-				
V RETINOBLASTOMA	1	18	2	0	0	21	21	3.7	2.9	0.9	0.9	0	22	2	0	0	24	24	4.5	3.5				
VI RENAL TUMOURS	0	14	3	1	1	18	19	3.1	2.5	1.1	0.9	1	5	4	6	5	16	21	2.5	2.3				
a. Nephroblastoma	0	13	2	1	0	16	16	2.8	2.1	1.8	1.6	1	5	3	0	1	9	10	1.6	1.3				
b. Renal carcinoma	0	0	0	0	1	0	1	-	0.1	0.0	0.1	0	0	1	6	3	7	10	0.9	0.9				
c. Unspecified	0	1	1	0	0	2	2	0.3	0.3	-	2.0	0	0	0	0	1	0	1	-	0.1				
VII HEPATIC TUMOURS	1	12	2	3	4	18	22	3.0	2.6	1.5	1.4	0	7	2	3	4	12	16	2.0	1.9				
a. Hepatoblastoma	0	9	1	1	2	11	13	1.9	1.6	1.2	1.1	0	5	2	2	3	9	12	1.5	1.4				
b. Hepatic carcinoma	0	0	0	1	0	1	1	0.1	0.1	0.3	0.3	0	2	0	1	1	3	4	0.5	0.5				
c. Unspecified	1	3	1	1	2	6	8	1.0	0.9	-	-	0	0	0	0	0	0	0	-	-				
VIII BONE TUMOURS	0	2	10	25	37	37	74	4.9	6.7	1.1	1.3	0	3	2	28	24	33	57	4.5	5.2				
a. Osteosarcoma	0	2	5	18	26	25	51	3.3	4.6	1.0	1.3	0	2	2	21	14	25	39	3.4	3.6				
b. Chondrosarcoma	0	0	1	1	3	2	5	0.3	0.4	2.0	5.0	0	0	0	1	0	1	1	0.1	0.1				
c. Ewing & related	0	0	3	3	1	6	7	0.8	0.7	1.2	1.0	0	1	0	4	2	5	7	0.7	0.7				
d. Other specified	0	0	0	1	1	1	2	0.1	0.2	-	2.0	0	0	0	0	1	0	1	-	0.1				
e. Unspecified	0	0	1	2	6	3	9	0.4	0.8	1.5	1.0	0	0	0	2	7	2	9	0.3	0.7				
IX SOFT TISSUE SARCOMA	3	16	9	13	17	41	58	6.4	6.2	1.6	1.1	1	6	7	11	29	25	54	3.8	5.0				
a. Rhabdomyosarcoma	1	13	5	4	4	23	27	3.8	3.2	1.9	1.4	1	4	4	3	7	12	19	1.9	2.0				
b. Fibrosarcoma	0	1	1	0	1	2	3	0.3	0.3	0.5	0.4	0	1	0	3	4	4	8	0.6	0.7				
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	0.1	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	2	1	3	7	8	13	21	1.8	2.0	3.3	1.1	0	1	1	2	15	4	19	0.6	1.5				
e. Unspecified	0	1	0	2	3	3	6	0.4	0.6	0.6	0.8	0	0	2	3	3	5	8	0.7	0.7				
X GERM CELL TUMOURS	0	17	7	28	33	52	85	7.6	8.4	1.1	0.9	0	13	7	28	49	48	97	7.1	9.0				
a. CNS germ cell	0	2	5	16	16	23	39	3.1	3.6	2.6	3.5	0	2	1	6	2	9	11	1.3	1.2				
b. Other extragonadal	0	5	1	6	7	12	19	1.8	1.9	2.4	1.9	0	5	0	0	5	5	10	1.0	1.1				
c. Gonadal germ cell	0	9	1	6	8	16	24	2.5	2.6	0.7	0.5	0	3	6	14	22	23	45	3.3	4.1				
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	5	12	5	17	0.6	1.4				
e. Unspecified gonadal	0	1	0	0	2	1	3	0.2	0.3	0.2	0.2	0	3	0	3	8	6	14	1.0	1.3				
XI CARCINOMA & MELANOMA	3	17	13	35	55	68	123	9.9	11.9	1.1	0.9	6	22	11	21	74	60	134	9.7	12.8				
a. Adrenocortical	0	1	0	0	0	1	1	0.2	0.1	0.5	0.3	0	2	0	0	1	2	3	0.4	0.4				
b. Thyroid	1	4	3	6	8	14	22	2.1	2.2	1.3	0.5	1	0	3	7	35	11	46	1.5	3.7				
c. Nasopharyngeal	0	1	0	10	10	11	21	1.4	1.9	5.5	2.6	0	1	1	0	6	2	8	0.3	0.7				
d. Melanoma	0	0	2	0	2	2	4	0.3	0.4	1.0	1.3	0	0	0	2	1	2	3	0.3	0.3				
e. Skin carcinoma	0	0	0	1	1	1	2	0.1	0.2	0.3	0.4	0	1	2	1	1	4	5	0.6	0.6				
f. Other & unspecified	2	11	8	18	34	39	73	5.8	7.1	1.0	1.1	5	18	5	11	30	39	69	6.6	7.2				
XII OTHER & UNSPECIFIED	3	17	10	12	32	42	74	6.6	7.5	0.9	0.9	2	22	7	15	35	46	81	7.6	8.4				
a. Other specified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.1				
b. Other unspecified	3	17	10	12	32	42	74	6.6	7.5	0.9	0.9	2	22	7	15	34	46	80	7.6	8.3				
TOTAL	19	296	230	269	344	814	1158	123.5	122.2	1.3	1.2	15	238	153	224	337	630	967	100.2	101.7				

† includes 9 non-malignant in males and 5 non-malignant in females

Please consult the quality indicators for this registry

THAILAND, Bangkok (2001-2012)

	Age group	Males	Females
Person-years	0	426 582	403 009
	1-4	1 706 328	1 612 036
	5-9	2 278 135	2 167 180
	10-14	2 313 235	2 254 220
	15-19	2 919 650	3 159 680
Total	0-14	6 724 280	6 436 445
	0-19	9 643 930	9 596 125
Average annual population	0-14	560 357	536 370
	0-19	803 661	799 677

Please consult the quality indicators for this registry