

CAMEROON, Yaoundé (2004-2006)

	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	
I LEUKAEMIA	0	7	4	7	3	18	21	6.0	100.0	5.6	100.0	-	9.5	5.1	10.4	4.9	7.6	7.0	115	140	38.1	0.0	
a. Lymphoid	0	1	1	2	0	4	4	1.3	22.2	1.1	19.0	-	1.4	1.3	3.0	-	1.7	1.3	27	27	25.0	0.0	
b. Acute myeloid	0	1	2	1	0	4	4	1.3	22.2	1.1	19.0	-	1.4	2.5	1.5	-	1.7	1.3	26	26	75.0	0.0	
c. CMD	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified	0	5	1	4	3	10	13	3.4	55.6	3.5	61.9	-	6.8	1.3	5.9	4.9	4.2	4.4	63	88	30.8	0.0	
II LYMPHOMA & RELATED	3	43	94	62	32	202	234	67.8	100.0	62.7	100.0	16.3	58.3	119.8	91.9	52.4	84.6	77.4	1308	1570	65.4	0.0	
a. Hodgkin	1	1	2	5	2	9	11	3.0	4.5	2.9	4.7	5.4	1.4	2.5	7.4	3.3	3.8	3.7	61	77	100.0	0.0	
b. Non-Hodgkin except BL	0	14	28	25	16	67	83	22.5	33.2	22.3	35.5	-	19.0	35.7	37.1	26.2	28.1	27.7	440	571	84.3	0.0	
c. Burkitt (BL)	2	26	57	27	10	112	122	37.6	55.4	32.7	52.1	10.8	35.2	72.6	40.0	16.4	46.8	40.0	715	797	54.1	0.0	
d. Lymphoreticular	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified	0	2	7	5	4	14	18	4.7	6.9	4.8	7.7	-	2.7	8.9	7.4	6.5	5.9	6.0	93	125	33.3	0.0	
III CNS NEOPLASMS	0	2	2	0	1	4	5	1.3	100.0	1.3	100.0	-	2.7	2.5	-	1.6	1.7	1.7	24	32	100.0	0.0	
a. Ependymoma	0	0	1	0	0	1	1	0.3	25.0	0.3	20.0	-	-	1.3	-	-	0.4	0.3	6	6	100.0	0.0	
b. Astrocytoma	0	2	1	0	1	3	4	1.0	75.0	1.1	80.0	-	2.7	1.3	-	1.6	1.3	1.3	17	25	100.0	0.0	
c. CNS embryonal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other gliomas	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
f. Unspecified CNS	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IV NEUROBLASTOMA	0	1	0	0	0	1	1	0.3	100.0	0.3	100.0	-	1.4	-	-	-	0.4	0.3	5	5	100.0	0.0	
a. (Ganglio)neuroblastoma	0	1	0	0	0	1	1	0.3	100.0	0.3	100.0	-	1.4	-	-	-	0.4	0.3	5	5	100.0	0.0	
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
V RETINOBLASTOMA	1	10	2	1	0	14	14	4.7	100.0	3.8	100.0	5.4	13.5	2.5	1.5	-	5.9	4.5	80	80	85.7	0.0	
VI RENAL TUMOURS	0	7	4	1	0	12	12	4.0	100.0	3.2	100.0	-	9.5	5.1	1.5	-	5.0	3.9	71	71	75.0	0.0	
a. Nephroblastoma	0	7	4	1	0	12	12	4.0	100.0	3.2	100.0	-	9.5	5.1	1.5	-	5.0	3.9	71	71	75.0	0.0	
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VII HEPATIC TUMOURS	0	0	2	2	3	4	7	1.3	100.0	1.9	100.0	-	-	2.5	3.0	4.9	1.7	2.4	28	52	0.0	14.3	
a. Hepatoblastoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Hepatic carcinoma	0	0	2	2	2	4	6	1.3	100.0	1.6	85.7	-	-	2.5	3.0	3.3	1.7	2.0	28	44	0.0	16.7	
c. Unspecified	0	0	0	0	1	0	1	-	-	0.3	14.3	-	-	-	-	1.6	-	0.4	-	8	8	0.0	0.0
VIII BONE TUMOURS	0	0	2	2	9	4	13	1.3	100.0	3.5	100.0	-	-	2.5	3.0	14.7	1.7	4.6	28	101	100.0	0.0	
a. Osteosarcoma	0	0	1	1	5	2	7	0.7	50.0	1.9	53.8	-	-	1.3	1.5	8.2	0.8	2.5	14	55	100.0	0.0	
b. Chondrosarcoma	0	0	0	0	1	0	1	-	-	0.3	7.7	-	-	-	-	1.6	-	0.4	-	8	100.0	0.0	
c. Ewing & related	0	0	1	1	2	2	4	0.7	50.0	1.1	30.8	-	-	1.3	1.5	3.3	0.8	1.4	14	30	100.0	0.0	
d. Other specified	0	0	0	0	1	0	1	-	-	0.3	7.7	-	-	-	-	1.6	-	0.4	-	8	100.0	0.0	
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
IX SOFT TISSUE SARCOMA	1	9	7	8	13	25	38	8.4	100.0	10.2	100.0	5.4	12.2	8.9	11.9	21.3	10.5	12.9	158	265	97.4	0.0	
a. Rhabdomyosarcoma	0	6	2	4	0	12	12	4.0	48.0	3.2	31.6	-	-	8.1	2.5	5.9	-	5.1	3.9	75	75	100.0	0.0
b. Fibrosarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
c. Kaposi sarcoma	0	3	4	1	7	8	15	2.7	32.0	4.0	39.5	-	4.1	5.1	1.5	11.5	3.3	5.2	49	106	93.3	0.0	
d. Other specified	1	0	0	3	5	4	9	1.3	16.0	2.4	23.7	5.4	-	-	4.4	8.2	1.7	3.2	28	69	100.0	0.0	
e. Unspecified	0	0	1	0	1	1	2	0.3	4.0	0.5	5.3	-	-	1.3	-	1.6	0.4	0.7	6	15	100.0	0.0	
X GERM CELL TUMOURS	0	0	0	3	1	3	4	1.0	100.0	1.1	100.0	-	-	-	4.4	1.6	1.3	1.4	22	30	100.0	0.0	
a. CNS germ cell	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Other extragonadal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
c. Gonadal germ cell	0	0	0	1	0	1	1	0.3	33.3	0.3	25.0	-	-	-	1.5	-	0.4	0.3	7	7	100.0	0.0	
d. Gonadal carcinoma	0	0	0	1	1	1	2	0.3	33.3	0.5	50.0	-	-	-	1.5	1.6	0.4	0.7	7	16	100.0	0.0	
e. Unspecified gonadal	0	0	0	1	0	1	1	0.3	33.3	0.3	25.0	-	-	-	1.5	-	0.4	0.3	7	7	100.0	0.0	
XI CARCINOMA & MELANOMA	0	0	2	7	12	9	21	3.0	100.0	5.6	100.0	-	-	2.5	10.4	19.6	3.8	7.4	65	163	100.0	0.0	
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Thyroid	0	0	0	1	1	1	2	0.3	11.1	0.5	9.5	-	-	-	1.5	1.6	0.4	0.7	7	16	100.0	0.0	
c. Nasopharyngeal	0	0	0	2	4	2	6	0.7	22.2	1.6	28.6	-	-	-	3.0	6.5	0.9	2.1	15	48	100.0	0.0	
d. Melanoma	0	0	1	0	0	1	1	0.3	11.1	0.3	4.8	-	-	1.3	-	-	0.4	0.3	6	6	100.0	0.0	
e. Skin carcinoma	0	0	0	1	0	1	1	0.3	11.1	0.3	4.8	-	-	-	1.5	-	0.4	0.3	7	7	100.0	0.0	
f. Other & unspecified	0	0	1	3	7	4	11	1.3	44.4	2.9	52.4	-	-	1.3	4.4	11.5	1.7	3.9	29	86	100.0	0.0	
XII OTHER & UNSPECIFIED	0	0	1	1	1	2	3	0.7	100.0	0.8	100.0	-	-	1.3	1.5	1.6	0.8	1.0	14	22	0.0	33.3	
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Other unspecified	0	0	1	1	1	2	3	0.7	100.0	0.8	100.0	-	-	1.3	1.5	1.6	0.8	1.0	14	22	0.0	33.3	
TOTAL	5	79	120	94	75	298	373	100.0	100.0	100.0	100.0	27.1	107.0	152.9	139.4	122.8	125.0	124.5	1917	2531	70.5	0.5	

Please consult the quality indicators for this registry

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	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
I LEUKAEMIA	0	5	1	5	1	11	12	9.6	8.2	1.6	1.3	0	2	3	2	2	7	9	5.7	5.8		
a. Lymphoid	0	0	0	1	0	1	1	0.9	0.7	0.3	0.3	0	1	1	1	0	3	3	2.4	1.9		
b. Acute myeloid	0	1	1	1	0	3	3	2.6	2.0	3.0	3.0	0	0	1	0	0	1	1	0.8	0.6		
c. CMD	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	4	0	3	1	7	8	6.1	5.5	2.3	1.6	0	1	1	1	2	3	5	2.4	3.3		
II LYMPHOMA & RELATED	2	23	56	36	15	117	132	100.9	89.6	1.4	1.3	1	20	38	26	17	85	102	69.2	65.8		
a. Hodgkin	0	1	1	5	1	7	8	6.1	5.5	3.5	2.7	1	0	1	0	1	2	3	1.6	2.0		
b. Non-Hodgkin except BL	0	6	21	12	8	39	47	33.6	32.1	1.4	1.3	0	8	7	13	8	28	36	23.0	23.5		
c. Burkitt (BL)	2	15	31	17	4	65	69	56.0	46.5	1.4	1.3	0	11	26	10	6	47	53	38.1	33.8		
d. Lymphoreticular	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	1	3	2	2	6	8	5.2	5.5	0.8	0.8	0	1	4	3	2	8	10	6.5	6.5		
III CNS NEOPLASMS	0	1	1	0	0	2	2	1.7	1.3	1.0	0.7	0	1	1	0	1	2	3	1.6	2.0		
a. Ependymoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	0	1	1	0.8	0.6		
b. Astrocytoma	0	1	1	0	0	2	2	1.7	1.3	2.0	1.0	0	1	0	0	1	2	0.8	1.3			
c. CNS embryonal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other gliomas	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
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	0	0	-	-		
IV NEUROBLASTOMA	0	1	0	0	0	1	1	0.9	0.7	-	-	0	0	0	0	0	0	0	-	-		
a. (Ganglio)neuroblastoma	0	1	0	0	0	1	1	0.9	0.7	-	-	0	0	0	0	0	0	0	-	-		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	0	5	1	1	0	7	7	6.1	4.7	1.0	1.0	1	5	1	0	0	7	7	5.7	4.4		
VI RENAL TUMOURS	0	5	2	1	0	8	8	6.9	5.4	2.0	2.0	0	2	2	0	0	4	4	3.2	2.5		
a. Nephroblastoma	0	5	2	1	0	8	8	6.9	5.4	2.0	2.0	0	2	2	0	0	4	4	3.2	2.5		
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	-	-		
VII HEPATIC TUMOURS	0	0	2	2	1	4	5	3.5	3.4	-	2.5	0	0	0	0	2	0	2	-	1.4		
a. Hepatoblastoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Hepatic carcinoma	0	0	2	2	1	4	5	3.5	3.4	-	5.0	0	0	0	0	1	0	1	-	0.7		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.7		
VIII BONE TUMOURS	0	0	1	0	8	1	9	0.8	6.7	0.3	2.3	0	0	1	2	1	3	4	2.5	2.6		
a. Osteosarcoma	0	0	1	0	4	1	5	0.8	3.7	1.0	2.5	0	0	0	1	1	1	2	0.8	1.4		
b. Chondrosarcoma	0	0	0	0	1	0	1	-	0.8	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	0	0	2	0	2	-	1.5	0.0	1.0	0	0	1	1	0	2	2	1.6	1.3		
d. Other specified	0	0	0	0	1	0	1	-	0.8	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	1	4	5	3	6	13	19	11.2	13.3	1.1	1.0	0	5	2	5	7	12	19	9.8	12.6		
a. Rhabdomyosarcoma	0	2	2	1	0	5	5	4.3	3.3	0.7	0.7	0	4	0	3	0	7	7	5.8	4.5		
b. Fibrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Kaposi sarcoma	0	2	2	1	4	5	9	4.3	6.4	1.7	1.5	0	1	2	0	3	3	6	2.4	4.0		
d. Other specified	1	0	0	1	1	2	3	1.8	2.1	1.0	0.5	0	0	0	2	4	2	6	1.7	4.2		
e. Unspecified	0	0	1	0	1	1	2	0.8	1.4	-	-	0	0	0	0	0	0	0	-	-		
X GERM CELL TUMOURS	0	0	0	1	0	1	1	0.9	0.7	0.5	0.3	0	0	0	2	1	2	3	1.7	2.0		
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	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Gonadal germ cell	0	0	0	1	0	1	1	0.9	0.7	-	-	0	0	0	0	0	0	0	-	-		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	1	2	0.8	1.4		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.8	0.7		
XI CARCINOMA & MELANOMA	0	0	1	5	5	6	11	5.3	7.9	2.0	1.1	0	0	1	2	7	3	10	2.5	6.9		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	1	2	0.8	1.4		
c. Nasopharyngeal	0	0	0	1	1	1	2	0.9	1.4	1.0	0.5	0	0	0	1	3	1	4	0.8	2.8		
d. Melanoma	0	0	1	0	0	1	1	0.8	0.7	-	-	0	0	0	0	0	0	0	-	-		
e. Skin carcinoma	0	0	0	1	0	1	1	0.9	0.7	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	0	3	4	3	7	2.7	5.1	3.0	1.8	0	0	1	0	3	1	4	0.8	2.8		
XII OTHER & UNSPECIFIED	0	0	1	1	1	2	3	1.7	2.1	-	-	0	0	0	0	0	0	0	-	-		
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	0	1	1	1	2	3	1.7	2.1	-	-	0	0	0	0	0	0	0	-	-		
TOTAL	3	44	71	55	37	173	210	149.6	144.0	1.4	1.3	2	35	49	39	38	125	163	101.9	106.1		

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	Age group	Males	Females
Person-years	0	88 807	95 704
	1-4	355 228	382 816
	5-9	381 785	402 950
	10-14	328 570	345 820
	15-19	296 060	314 665
Total	0-14	1 154 390	1 227 290
	0-19	1 450 450	1 541 955
Average annual population	0-14	384 797	409 097
	0-19	483 483	513 985

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