

KENYA, Eldoret (2000-2011)

	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	22	28	28	30	78	108	15.2	100.0	15.0	100.0	-	18.4	20.4	23.0	28.3	18.9	21.0	289	431	92.6	1.9
a. Lymphoid	0	16	20	15	11	51	62	9.9	65.4	8.6	57.4	-	13.4	14.6	12.3	10.4	12.4	11.9	187	239	93.5	1.6
b. Acute myeloid	0	2	4	7	12	13	25	2.5	16.7	3.5	23.1	-	1.7	2.9	5.7	11.3	3.1	5.0	50	106	92.0	0.0
c. CMD	0	1	2	2	4	5	9	1.0	6.4	1.2	8.3	-	0.8	1.5	1.6	3.8	1.2	1.8	19	38	88.9	0.0
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified	0	3	2	4	3	9	12	1.8	11.5	1.7	11.1	-	2.5	1.5	3.3	2.8	2.2	2.3	34	48	91.7	8.3
II LYMPHOMA & RELATED	1	54	69	53	43	177	220	34.4	100.0	30.5	100.0	3.1	45.3	50.3	43.5	40.5	42.9	42.4	650	853	92.3	0.5
a. Hodgkin	0	4	5	13	11	22	33	4.3	12.4	4.6	15.0	-	3.4	3.6	10.7	10.4	5.3	6.4	85	137	100.0	0.0
b. Non-Hodgkin except BL	1	34	35	28	22	98	120	19.1	55.4	16.6	54.5	3.1	28.5	25.5	23.0	20.7	23.8	23.1	358	461	92.5	0.8
c. Burkitt (BL)	0	12	19	5	2	36	38	7.0	20.3	5.3	17.3	-	10.1	13.8	4.1	1.9	8.7	7.2	129	139	94.7	0.0
d. Lymphoreticular	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified	0	4	10	7	8	21	29	4.1	11.9	4.0	13.2	-	3.4	7.3	5.7	7.5	5.0	5.6	78	116	79.3	0.0
III CNS NEOPLASMS †	0	7	5	7	3	19	22	3.7	100.0	3.1	100.0	-	5.9	3.6	5.7	2.8	4.6	4.2	70	84	40.9	4.5
a. Ependymoma	0	1	0	0	0	1	1	0.2	5.3	0.1	4.5	-	0.8	-	-	-	0.3	0.2	3	3	100.0	0.0
b. Astrocytoma	0	2	3	0	1	5	6	1.0	26.3	0.8	27.3	-	1.7	2.2	-	0.9	1.2	1.2	18	22	83.3	0.0
c. CNS embryonal	0	2	1	2	0	5	5	1.0	26.3	0.7	22.7	-	1.7	0.7	1.6	-	1.2	0.9	18	18	40.0	20.0
d. Other gliomas	0	1	0	1	0	2	2	0.4	10.5	0.3	9.1	-	0.8	-	0.8	-	0.5	0.4	7	7	0.0	0.0
e. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Unspecified CNS	0	1	1	4	2	6	8	1.2	31.6	1.1	36.4	-	0.8	0.7	3.3	1.9	1.4	1.5	23	33	12.5	0.0
IV NEUROBLASTOMA	0	6	5	0	0	11	11	2.1	100.0	1.5	100.0	-	5.0	3.6	-	-	2.7	2.1	38	38	100.0	0.0
a. (Ganglio)neuroblastoma	0	6	5	0	0	11	11	2.1	100.0	1.5	100.0	-	5.0	3.6	-	-	2.7	2.1	38	38	100.0	0.0
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V RETINOBLASTOMA	1	25	5	1	0	32	32	6.2	100.0	4.4	100.0	3.1	21.0	3.6	0.8	-	8.0	6.2	108	108	93.8	0.0
VI RENAL TUMOURS	0	19	21	1	2	41	43	8.0	100.0	6.0	100.0	-	15.9	15.3	0.8	1.9	10.0	8.2	143	153	95.3	2.3
a. Nephroblastoma	0	19	21	1	2	41	43	8.0	100.0	6.0	100.0	-	15.9	15.3	0.8	1.9	10.0	8.2	143	153	95.3	2.3
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	0	1	0	1	2	2	4	0.4	100.0	0.6	100.0	-	0.8	-	0.8	1.9	0.5	0.8	7	17	25.0	25.0
a. Hepatoblastoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Hepatic carcinoma	0	1	0	1	2	2	4	0.4	100.0	0.6	100.0	-	0.8	-	0.8	1.9	0.5	0.8	7	17	25.0	25.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	0	5	12	24	17	41	3.3	100.0	5.7	100.0	-	-	3.6	9.9	22.6	4.0	8.2	67	181	87.8	2.4
a. Osteosarcoma	0	0	2	11	21	13	34	2.5	76.5	4.7	82.9	-	-	1.5	9.0	19.8	3.1	6.9	52	151	85.3	2.9
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c. Ewing & related	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	0	0	3	0	2	3	5	0.6	17.6	0.7	12.2	-	-	2.2	-	1.9	0.7	1.0	11	20	100.0	0.0
e. Unspecified	0	0	0	1	1	1	2	0.2	5.9	0.3	4.9	-	-	-	0.8	0.9	0.2	0.4	4	9	100.0	0.0
IX SOFT TISSUE SARCOMA	0	23	17	30	22	70	92	13.6	100.0	12.8	100.0	-	19.3	12.4	24.6	20.7	17.0	17.9	261	365	92.4	1.1
a. Rhabdomyosarcoma	0	14	5	8	2	27	29	5.3	38.6	4.0	31.5	-	11.7	3.6	6.6	1.9	6.7	5.6	97	107	89.7	3.4
b. Fibrosarcoma	0	0	1	2	6	3	9	0.6	4.3	1.2	9.8	-	-	0.7	1.6	5.7	0.7	1.8	12	40	88.9	0.0
c. Kaposi sarcoma	0	6	8	10	5	24	29	4.7	34.3	4.0	31.5	-	5.0	5.8	8.2	4.7	5.8	5.6	90	114	93.1	0.0
d. Other specified	0	2	0	3	2	5	7	1.0	7.1	1.0	7.6	-	1.7	-	2.5	1.9	1.2	1.4	19	28	85.7	0.0
e. Unspecified	0	1	3	7	7	11	18	2.1	15.7	2.5	19.6	-	0.8	2.2	5.7	6.6	2.6	3.5	43	76	100.0	0.0
X GERM CELL TUMOURS	0	3	1	1	6	5	11	1.0	100.0	1.5	100.0	-	2.5	0.7	0.8	5.7	1.2	2.2	18	46	100.0	0.0
a. CNS germ cell	0	0	0	0	1	0	1	-	-	0.1	9.1	-	-	-	-	0.9	-	0.2	-	5	100.0	0.0
b. Other extragonadal	0	3	0	0	1	3	4	0.6	60.0	0.6	36.4	-	2.5	-	-	0.9	0.8	0.8	10	15	100.0	0.0
c. Gonadal germ cell	0	0	1	0	0	1	1	0.2	20.0	0.1	9.1	-	-	0.7	-	-	0.2	0.2	4	4	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	3	0	3	-	-	0.4	27.3	-	-	-	-	2.8	-	0.6	-	14	100.0	0.0
e. Unspecified gonadal	0	0	0	1	1	1	2	0.2	20.0	0.3	18.2	-	-	-	0.8	0.9	0.2	0.4	4	9	100.0	0.0
XI CARCINOMA & MELANOMA	2	5	9	9	56	25	81	4.9	100.0	11.2	100.0	6.1	4.2	6.6	7.4	52.8	6.0	16.6	93	357	97.5	0.0
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Thyroid	0	0	0	0	3	0	3	-	-	0.4	3.7	-	-	-	-	2.8	-	0.6	-	14	100.0	0.0
c. Nasopharyngeal	1	1	1	3	21	6	27	1.2	24.0	3.7	33.3	3.1	0.8	0.7	2.5	19.8	1.5	5.6	23	122	96.3	0.0
d. Melanoma	0	1	1	1	1	3	4	0.6	12.0	0.6	4.9	-	0.8	0.7	0.8	0.9	0.7	0.8	11	16	100.0	0.0
e. Skin carcinoma	1	0	2	1	3	4	7	0.8	16.0	1.0	8.6	3.1	-	1.5	0.8	2.8	1.0	1.4	15	29	100.0	0.0
f. Other & unspecified	0	3	5	4	28	12	40	2.3	48.0	5.5	49.4	-	2.5	3.6	3.3	26.4	2.9	8.2	45	176	97.5	0.0
XII OTHER & UNSPECIFIED	0	11	15	11	19	37	56	7.2	100.0	7.8	100.0	-	9.2	10.9	9.0	17.9	9.0	11.0	136	226	16.1	82.1
a. Other specified	0	0	1	0	1	1	2	0.2	2.7	0.3	3.6	-	-	0.7	-	0.9	0.2	0.4	4	8	100.0	0.0
b. Other unspecified	0	11	14	11	18	36	54	7.0	97.3	7.5	96.4	-	9.2	10.2	9.0	17.0	8.7	10.6	132	217	13.0	85.2
TOTAL	4	176	180	154	207	514	721	100.0	100.0	100.0	100.0	12.3	147.5	131.2	126.5	195.1	124.9	140.7	1881	2857	85.3	7.5

† includes 1 non-malignant

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										0-14	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	0	15	19	14	14	48	62	23.1	24.0	1.6	1.3	0	7	9	14	16	30	46	14.5	17.9				
a. Lymphoid	0	11	15	11	5	37	42	17.8	16.0	2.6	2.1	0	5	5	4	6	14	20	6.8	7.8				
b. Acute myeloid	0	1	2	2	4	5	9	2.4	3.6	0.6	0.6	0	1	2	5	8	8	16	3.8	6.3				
c. CMD	0	1	1	1	3	3	6	1.4	2.4	1.5	2.0	0	0	1	1	1	2	3	1.0	1.2				
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
e. Unspecified	0	2	1	0	2	3	5	1.5	2.0	0.5	0.7	0	1	1	4	1	6	7	2.9	2.7				
II LYMPHOMA & RELATED	1	39	48	29	22	117	139	56.4	53.2	2.0	1.7	0	15	21	24	21	60	81	29.1	31.3				
a. Hodgkin	0	2	4	9	5	15	20	7.2	7.7	2.1	1.5	0	2	1	4	6	7	13	3.4	5.1				
b. Non-Hodgkin except BL	1	27	26	11	13	65	78	31.5	30.1	2.0	1.9	0	7	9	17	9	33	42	16.0	16.1				
c. Burkitt (BL)	0	8	11	4	1	23	24	11.1	9.0	1.8	1.7	0	4	8	1	1	13	14	6.3	5.3				
d. Lymphoreticular	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
e. Unspecified	0	2	7	5	3	14	17	6.7	6.5	2.0	1.4	0	2	3	2	5	7	12	3.4	4.7				
III CNS NEOPLASMS †	0	4	2	2	2	8	10	3.9	3.9	0.7	0.8	0	3	3	5	1	11	12	5.3	4.6				
a. Ependymoma	0	1	0	0	0	1	1	0.5	0.4	-	-	0	0	0	0	0	0	0	-	-				
b. Astrocytoma	0	0	1	0	0	1	1	0.5	0.4	0.3	0.2	0	2	2	0	1	4	5	2.0	1.9				
c. CNS embryonal	0	2	0	0	0	2	2	1.0	0.8	0.7	0.7	0	0	1	2	0	3	3	1.4	1.1				
d. Other gliomas	0	1	0	1	0	2	2	1.0	0.8	-	-	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	1	1	2	2	4	0.9	1.6	0.5	1.0	0	1	0	3	0	4	4	1.9	1.5				
IV NEUROBLASTOMA	0	3	2	0	0	5	5	2.4	1.9	0.8	0.8	0	3	3	0	0	6	6	3.0	2.3				
a. (Ganglio)neuroblastoma	0	3	2	0	0	5	5	2.4	1.9	0.8	0.8	0	3	3	0	0	6	6	3.0	2.3				
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
V RETINOBLASTOMA	1	11	3	1	0	16	16	7.9	6.2	1.0	1.0	0	14	2	0	0	16	16	8.1	6.3				
VI RENAL TUMOURS	0	13	10	0	1	23	24	11.2	9.1	1.3	1.3	0	6	11	1	1	18	19	8.8	7.2				
a. Nephroblastoma	0	13	10	0	1	23	24	11.2	9.1	1.3	1.3	0	6	11	1	1	18	19	8.8	7.2				
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	0	1	2	1	3	0.5	1.2	1.0	3.0	0	1	0	0	0	1	1	0.5	0.4				
a. Hepatoblastoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
b. Hepatic carcinoma	0	0	0	1	2	1	3	0.5	1.2	1.0	3.0	0	1	0	0	0	1	1	0.5	0.4				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
VIII BONE TUMOURS	0	0	5	6	14	11	25	5.2	10.1	1.8	1.6	0	0	0	6	10	6	16	2.9	6.4				
a. Osteosarcoma	0	0	2	6	12	8	20	3.8	8.1	1.6	1.4	0	0	0	5	9	5	14	2.4	5.6				
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
c. Ewing & related	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	0	0	3	0	1	3	4	1.4	1.5	-	4.0	0	0	0	0	1	0	1	-	0.4				
e. Unspecified	0	0	0	0	1	0	1	-	0.4	0.0	1.0	0	0	0	1	0	1	1	0.5	0.4				
IX SOFT TISSUE SARCOMA	0	10	14	21	11	45	56	21.6	21.5	1.8	1.6	0	13	3	9	11	25	36	12.4	14.2				
a. Rhabdomyosarcoma	0	5	5	6	0	16	16	7.7	6.0	1.5	1.2	0	9	0	2	2	11	13	5.6	5.2				
b. Fibrosarcoma	0	0	1	1	3	2	5	0.9	2.0	2.0	1.3	0	0	0	1	3	1	4	0.5	1.6				
c. Kaposi sarcoma	0	4	6	8	2	18	20	8.6	7.6	3.0	2.2	0	2	2	2	3	6	9	2.9	3.5				
d. Other specified	0	0	0	2	1	2	3	1.0	1.2	0.7	0.8	0	2	0	1	1	3	4	1.5	1.6				
e. Unspecified	0	1	2	4	5	7	12	3.3	4.8	1.8	2.0	0	0	1	3	2	4	6	1.9	2.3				
X GERM CELL TUMOURS	0	1	0	0	1	1	2	0.5	0.8	0.3	0.2	0	2	1	1	5	4	9	2.0	3.6				
a. CNS germ cell	0	0	0	0	1	0	1	-	0.4	-	-	0	0	0	0	0	0	0	-	-				
b. Other extragonadal	0	1	0	0	0	1	1	0.5	0.4	0.5	0.3	0	2	0	0	1	2	3	1.0	1.2				
c. Gonadal germ cell	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	0	1	1	0.5	0.4				
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	3	0	3	-	1.2				
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	1	2	0.5	0.8				
XI CARCINOMA & MELANOMA	1	3	5	4	32	13	45	6.3	18.7	1.1	1.3	1	2	4	5	24	12	36	5.8	14.5				
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	3	0	3	-	1.2				
c. Nasopharyngeal	1	0	1	2	14	4	18	1.9	7.5	2.0	2.0	0	1	0	1	7	2	9	1.0	3.7				
d. Melanoma	0	0	1	1	1	2	3	0.9	1.2	2.0	3.0	0	1	0	0	0	1	1	0.5	0.4				
e. Skin carcinoma	0	0	1	0	1	1	2	0.5	0.8	0.3	0.4	1	0	1	1	2	3	5	1.5	2.0				
f. Other & unspecified	0	3	2	1	16	6	22	2.9	9.2	1.0	1.2	0	0	3	3	12	6	18	2.9	7.2				
XII OTHER & UNSPECIFIED	0	6	8	7	11	21	32	10.1	12.6	1.3	1.3	0	5	7	4	8	16	24	7.8	9.4				
a. Other specified	0	0	1	0	0	1	1	0.5	0.4	-	1.0	0	0	0	0	1	0	1	-	0.4				
b. Other unspecified	0	6	7	7	11	20	31	9.6	12.2	1.3	1.3	0	5	7	4	7	16	23	7.8	9.0				
TOTAL	3	105	116	85	110	309	419	149.3	163.2	1.5	1.4	1	71	64	69	97	205	302	100.2	118.1				

† includes 1 non-malignant in males

Please consult the quality indicators for this registry

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	Age group	Males	Females
Person-years	0	164 115	161 093
	1-4	601 286	591 850
	5-9	692 385	679 536
	10-14	607 995	609 785
	15-19	520 660	540 317
Total	0-14	2 065 781	2 042 264
	0-19	2 586 441	2 582 581
Average annual population	0-14	172 148	170 189
	0-19	215 537	215 215

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