

## UGANDA, Kampala (1996-2013)

	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>	2	29	57	53	40	141	181	7.5	100.0	7.3	100.0	1.9	7.5	13.3	12.5	8.9	10.4	10.0	161	205	59.7	6.1
a. Lymphoid	0	14	32	26	11	72	83	3.8	51.1	3.3	45.9	-	3.6	7.5	6.1	2.4	5.3	4.7	82	95	69.9	2.4
b. Acute myeloid	0	1	8	3	4	12	16	0.6	8.5	0.6	8.8	-	0.3	1.9	0.7	0.9	0.9	0.9	14	18	68.8	6.3
c. CMD	0	3	3	1	8	7	15	0.4	5.0	0.6	8.3	-	0.8	0.7	0.2	1.8	0.5	0.8	8	17	53.3	6.7
d. MDS & other	0	1	0	0	0	1	1	0.1	0.7	0.0	0.6	-	0.3	-	-	-	0.1	0.1	1	1	0.0	0.0
e. Unspecified	2	10	14	23	17	49	66	2.6	34.8	2.6	36.5	1.9	2.6	3.3	5.4	3.8	3.6	3.6	56	75	47.0	10.6
<b>II LYMPHOMA &amp; RELATED</b>	12	139	342	195	105	688	793	36.7	100.0	31.8	100.0	11.4	35.9	79.8	46.1	23.4	51.0	44.8	783	900	72.0	1.8
a. Hodgkin	0	16	25	27	23	68	91	3.6	9.9	3.6	11.5	-	4.1	5.8	6.4	5.1	5.0	5.0	77	103	86.8	0.0
b. Non-Hodgkin except BL	4	23	65	49	34	141	175	7.5	20.5	7.0	22.1	3.8	5.9	15.2	11.6	7.6	10.4	9.7	161	199	92.0	0.6
c. Burkitt (BL)	1	82	201	75	17	359	376	19.1	52.2	15.1	47.4	0.9	21.2	46.9	17.7	3.8	26.8	21.6	407	426	73.9	2.7
d. Lymphoreticular	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified	7	18	51	44	31	120	151	6.4	17.4	6.1	19.0	6.6	4.7	11.9	10.4	6.9	8.8	8.4	137	171	35.1	2.0
<b>III CNS NEOPLASMS</b>	0	15	17	14	10	46	56	2.5	100.0	2.2	100.0	-	3.9	4.0	3.3	2.2	3.4	3.2	52	63	28.6	3.6
a. Ependymoma	0	1	1	0	0	2	2	0.1	4.3	0.1	3.6	-	0.3	0.2	-	-	0.2	0.1	2	2	100.0	0.0
b. Astrocytoma	0	0	3	3	2	6	8	0.3	13.0	0.3	14.3	-	-	0.7	0.7	0.4	0.4	0.4	7	9	100.0	0.0
c. CNS embryonal	0	3	1	0	0	4	4	0.2	8.7	0.2	7.1	-	0.8	0.2	-	-	0.3	0.2	4	4	100.0	0.0
d. Other gliomas	0	0	2	0	0	2	2	0.1	4.3	0.1	3.6	-	-	0.5	-	-	0.2	0.1	2	2	0.0	0.0
e. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Unspecified CNS	0	11	10	11	8	32	40	1.7	69.6	1.6	71.4	-	2.8	2.3	2.6	1.8	2.4	2.2	36	45	5.0	5.0
<b>IV NEUROBLASTOMA</b>	0	6	4	1	0	11	11	0.6	100.0	0.4	100.0	-	1.6	0.9	0.2	-	0.8	0.7	12	12	72.7	0.0
a. (Ganglio)neuroblastoma	0	6	3	1	0	10	10	0.5	90.9	0.4	90.9	-	1.6	0.7	0.2	-	0.8	0.6	11	11	70.0	0.0
b. Peripheral nervous	0	0	1	0	0	1	1	0.1	9.1	0.0	9.1	-	-	0.2	-	-	0.1	0.1	1	1	100.0	0.0
<b>V RETINOBLASTOMA</b>	5	65	10	2	0	82	82	4.4	100.0	3.3	100.0	4.7	16.8	2.3	0.5	-	6.4	5.0	85	85	73.2	0.0
<b>VI RENAL TUMOURS</b>	11	92	30	10	10	143	153	7.6	100.0	6.1	100.0	10.4	23.8	7.0	2.4	2.2	11.0	9.1	151	163	82.4	0.7
a. Nephroblastoma	9	89	28	10	1	136	137	7.2	95.1	5.5	89.5	8.5	23.0	6.5	2.4	0.2	10.5	8.2	144	145	87.6	0.7
b. Renal carcinoma	0	0	0	0	7	0	7	-	-	0.3	4.6	-	-	-	1.6	-	0.4	-	8	8	85.7	0.0
c. Unspecified	2	3	2	0	2	7	9	0.4	4.9	0.4	5.9	1.9	0.8	0.5	-	0.4	0.5	0.5	7	10	0.0	0.0
<b>VII HEPATIC TUMOURS</b>	0	5	3	9	20	17	37	0.9	100.0	1.5	100.0	-	1.3	0.7	2.1	4.4	1.2	2.0	19	41	54.1	2.7
a. Hepatoblastoma	0	1	3	0	0	4	4	0.2	23.5	0.2	10.8	-	0.3	0.7	-	-	0.3	0.2	5	5	100.0	0.0
b. Hepatic carcinoma	0	3	0	5	13	8	21	0.4	47.1	0.8	56.8	-	0.8	-	1.2	2.9	0.6	1.1	9	23	76.2	0.0
c. Unspecified	0	1	0	4	7	5	12	0.3	29.4	0.5	32.4	-	0.3	-	0.9	1.6	0.4	0.6	6	14	0.0	8.3
<b>VIII BONE TUMOURS</b>	0	6	17	46	60	69	129	3.7	100.0	5.2	100.0	-	1.6	4.0	10.9	13.3	4.9	6.8	80	147	59.7	0.8
a. Osteosarcoma	0	0	10	27	36	37	73	2.0	53.6	2.9	56.6	-	-	2.3	6.4	8.0	2.6	3.8	44	84	84.9	1.4
b. Chondrosarcoma	0	0	0	0	1	0	1	-	-	0.0	0.8	-	-	-	-	0.2	-	0.1	-	1	100.0	0.0
c. Ewing & related	0	2	0	1	0	3	3	0.2	4.3	0.1	2.3	-	0.5	-	0.2	-	0.2	0.2	3	3	100.0	0.0
d. Other specified	0	1	1	4	4	6	10	0.3	8.7	0.4	7.8	-	0.3	0.2	0.9	0.9	0.4	0.5	7	11	100.0	0.0
e. Unspecified	0	3	6	14	19	23	42	1.2	33.3	1.7	32.6	-	0.8	1.4	3.3	4.2	1.6	2.2	27	48	2.4	0.0
<b>IX SOFT TISSUE SARCOMA</b>	13	127	174	176	203	490	693	26.1	100.0	27.8	100.0	12.3	32.8	40.6	41.6	45.2	36.2	38.2	553	779	77.1	1.4
a. Rhabdomyosarcoma	3	25	22	16	24	66	90	3.5	13.5	3.6	13.0	2.8	6.5	5.1	3.8	5.3	5.0	5.0	73	100	84.4	0.0
b. Fibrosarcoma	3	2	2	4	15	11	26	0.6	2.2	1.0	3.8	2.8	0.5	0.5	0.9	3.3	0.8	1.4	12	29	88.5	0.0
c. Kaposi sarcoma	7	96	138	144	144	385	529	20.5	78.6	21.2	76.3	6.6	24.8	32.2	34.0	32.0	28.4	29.2	436	596	77.3	1.9
d. Other specified	0	0	9	3	8	12	20	0.6	2.4	0.8	2.9	-	-	2.1	0.7	1.8	0.9	1.1	14	23	100.0	0.0
e. Unspecified	0	4	3	9	12	16	28	0.9	3.3	1.1	4.0	-	1.0	0.7	2.1	2.7	1.2	1.5	18	32	21.4	0.0
<b>X GERM CELL TUMOURS</b>	1	5	3	13	34	22	56	1.2	100.0	2.2	100.0	0.9	1.3	0.7	3.1	7.6	1.6	2.9	25	63	62.5	0.0
a. CNS germ cell	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Other extragonadal	1	1	0	2	11	4	15	0.2	18.2	0.6	26.8	0.9	0.3	-	0.5	2.4	0.3	0.8	4	17	93.3	0.0
c. Gonadal germ cell	0	1	1	6	6	8	14	0.4	36.4	0.6	25.0	-	0.3	0.2	1.4	1.3	0.6	0.7	9	16	92.9	0.0
d. Gonadal carcinoma	0	0	1	1	4	2	6	0.1	9.1	0.2	10.7	-	-	0.2	0.2	0.9	0.1	0.3	2	7	100.0	0.0
e. Unspecified gonadal	0	3	1	4	13	8	21	0.4	36.4	0.8	37.5	-	0.8	0.2	0.9	2.9	0.6	1.1	9	23	9.5	0.0
<b>XI CARCINOMA &amp; MELANOMA</b>	0	8	13	27	68	48	116	2.6	100.0	4.7	100.0	-	2.1	3.0	6.4	15.1	3.5	6.1	55	131	97.4	0.9
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Thyroid	0	0	0	2	2	4	4	0.1	4.2	0.2	3.4	-	-	-	0.5	0.4	0.1	0.2	2	5	100.0	0.0
c. Nasopharyngeal	0	3	0	11	18	14	32	0.7	29.2	1.3	27.6	-	0.8	-	2.6	4.0	1.0	1.7	16	36	96.9	3.1
d. Melanoma	0	0	3	1	3	4	7	0.2	8.3	0.3	6.0	-	-	0.7	0.2	0.7	0.3	0.4	5	8	71.4	0.0
e. Skin carcinoma	0	0	2	2	5	4	9	0.2	8.3	0.4	7.8	-	-	0.5	0.5	1.1	0.3	0.5	5	10	100.0	0.0
f. Other & unspecified	0	5	8	11	40	24	64	1.3	50.0	2.6	55.2	-	1.3	1.9	2.6	8.9	1.7	3.4	27	72	100.0	0.0
<b>XII OTHER &amp; UNSPECIFIED</b>	4	43	37	36	67	120	187	6.4	100.0	7.5	100.0	3.8	11.1	8.6	8.5	14.9	9.0	10.3	133	208	6.4	1.1
a. Other specified	0	0	0	0	1	0	1	-	-	0.0	0.5	-	-	-	-	0.2	-	0.1	-	1	100.0	0.0
b. Other unspecified	4	43	37	36	66	120	186	6.4	100.0	7.5	99.5	3.8	11.1	8.6	8.5	14.7	9.0	10.2	133	207	5.9	1.1
<b>TOTAL</b>	48	540	707	582	617	1877	2494	100.0	100.0	100.0	100.0	45.6	139.5	165.0	137.5	137.3	139.4	138.9	2110	2796	67.4	1.7

Please consult the quality indicators for this registry

## UGANDA, Kampala (1996-2013)

	Males										M/F ratio		Females									
	Number of cases in age groups					ASR per million							Number of cases in age groups					ASR per million				
	0	1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19	0-14	0-19	0	1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19		
<b>I LEUKAEMIA</b>	1	15	31	39	23	86	109	13.3	13.0	1.6	1.5	1	14	26	14	17	55	72	7.9	7.6		
a. Lymphoid	0	5	18	18	6	41	47	6.3	5.6	1.3	1.3	0	9	14	8	5	31	36	4.4	3.9		
b. Acute myeloid	0	0	4	3	2	7	9	1.1	1.1	1.4	1.3	0	1	4	0	2	5	7	0.7	0.7		
c. CMD	0	1	3	1	3	5	8	0.8	1.0	2.5	1.1	0	2	0	0	5	2	7	0.3	0.7		
d. MDS & other	0	1	0	0	0	1	1	0.2	0.1	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	1	8	6	17	12	32	44	4.9	5.3	1.9	2.0	1	2	8	6	5	17	22	2.4	2.3		
<b>II LYMPHOMA &amp; RELATED</b>	5	73	196	130	63	404	467	62.6	56.0	1.4	1.4	7	66	146	65	42	284	326	40.8	35.3		
a. Hodgkin	0	10	20	22	16	52	68	8.0	8.1	3.3	3.0	0	6	5	5	7	16	23	2.3	2.4		
b. Non-Hodgkin except BL	1	12	31	35	21	79	100	12.2	11.9	1.3	1.3	3	11	34	14	13	62	75	8.9	8.0		
c. Burkitt (BL)	1	41	116	35	11	193	204	30.0	24.6	1.2	1.2	0	41	85	40	6	166	172	23.8	19.0		
d. Lymphoreticular	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	3	10	29	38	15	80	95	12.3	11.3	2.0	1.7	4	8	22	6	16	40	56	5.8	5.9		
<b>III CNS NEOPLASMS</b>	0	8	8	5	7	21	28	3.3	3.4	0.8	1.0	0	7	9	9	3	25	28	3.5	3.0		
a. Ependymoma	0	0	1	0	0	1	1	0.2	0.1	1.0	1.0	0	1	0	0	0	1	1	0.2	0.1		
b. Astrocytoma	0	0	2	1	1	3	4	0.5	0.5	1.0	1.0	0	0	1	2	1	3	4	0.4	0.4		
c. CNS embryonal	0	2	1	0	0	3	3	0.5	0.4	3.0	3.0	0	1	0	0	0	1	1	0.2	0.1		
d. Other gliomas	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	2	0	0	2	2	0.3	0.2		
e. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Unspecified CNS	0	6	4	4	6	14	20	2.2	2.4	0.8	1.0	0	5	6	7	2	18	20	2.5	2.1		
<b>IV NEUROBLASTOMA</b>	0	3	2	1	0	6	6	0.9	0.7	1.2	1.2	0	3	2	0	0	5	5	0.8	0.6		
a. (Ganglio)neuroblastoma	0	3	1	1	0	5	5	0.8	0.6	1.0	1.0	0	3	2	0	0	5	5	0.8	0.6		
b. Peripheral nervous	0	0	1	0	0	1	1	0.2	0.1	-	-	0	0	0	0	0	0	0	-	-		
<b>V RETINOBLASTOMA</b>	1	34	5	2	0	42	42	6.6	5.1	1.1	1.1	4	31	5	0	0	40	40	6.2	4.8		
<b>VI RENAL TUMOURS</b>	9	49	17	7	3	82	85	12.9	10.4	1.3	1.3	2	43	13	3	7	61	68	9.3	7.8		
a. Nephroblastoma	7	49	15	7	1	78	79	12.3	9.6	1.3	1.4	2	40	13	3	0	58	58	8.8	6.8		
b. Renal carcinoma	0	0	0	0	2	0	2	-	0.2	-	0.4	0	0	0	0	5	0	5	-	0.4		
c. Unspecified	2	0	2	0	0	4	4	0.6	0.5	1.3	0.8	0	3	0	0	2	3	5	0.5	0.5		
<b>VII HEPATIC TUMOURS</b>	0	2	2	5	12	9	21	1.4	2.5	1.1	1.3	0	3	1	4	8	8	16	1.1	1.6		
a. Hepatoblastoma	0	0	2	0	0	2	2	0.3	0.2	1.0	1.0	0	1	1	0	0	2	2	0.3	0.2		
b. Hepatic carcinoma	0	1	0	3	8	4	12	0.6	1.4	1.0	1.3	0	2	0	2	5	4	9	0.6	0.9		
c. Unspecified	0	1	0	2	4	3	7	0.5	0.8	1.5	1.4	0	0	0	2	3	2	5	0.3	0.5		
<b>VIII BONE TUMOURS</b>	0	4	9	21	34	34	68	5.2	8.1	1.0	1.1	0	2	8	25	26	35	61	4.6	5.8		
a. Osteosarcoma	0	0	6	11	19	17	36	2.6	4.3	0.9	1.0	0	0	4	16	17	20	37	2.6	3.5		
b. Chondrosarcoma	0	0	0	0	1	0	1	-	0.1	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	2	0	1	0	3	3	0.5	0.4	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	0	1	1	2	2	4	0.3	0.5	0.5	0.7	0	1	0	3	2	4	6	0.5	0.6		
e. Unspecified	0	2	2	8	12	12	24	1.8	2.9	1.1	1.3	0	1	4	6	7	11	18	1.5	1.8		
<b>IX SOFT TISSUE SARCOMA</b>	9	87	110	103	94	309	403	48.0	48.4	1.7	1.4	4	40	64	73	109	181	290	25.3	29.1		
a. Rhabdomyosarcoma	1	18	11	11	14	41	55	6.4	6.6	1.6	1.6	2	7	11	5	10	25	35	3.6	3.7		
b. Fibrosarcoma	3	2	2	3	7	10	17	1.6	2.0	10.0	1.9	0	0	0	1	8	1	9	0.1	0.8		
c. Kaposi sarcoma	5	64	87	84	62	240	302	37.2	36.2	1.7	1.3	2	32	51	60	82	145	227	20.3	22.8		
d. Other specified	0	0	8	2	6	10	16	1.5	1.9	5.0	4.0	0	0	1	1	2	2	4	0.3	0.4		
e. Unspecified	0	3	2	3	5	8	13	1.2	1.6	1.0	0.9	0	1	1	6	7	8	15	1.1	1.4		
<b>X GERM CELL TUMOURS</b>	1	3	0	3	5	7	12	1.1	1.4	0.5	0.3	0	2	3	10	29	15	44	2.0	4.1		
a. CNS germ cell	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Other extragonadal	1	1	0	0	0	2	2	0.3	0.2	1.0	0.2	0	0	0	2	11	2	13	0.3	1.1		
c. Gonadal germ cell	0	1	0	2	2	3	5	0.5	0.6	0.6	0.6	0	0	1	4	4	5	9	0.6	0.8		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	1	4	2	6	0.3	0.6		
e. Unspecified gonadal	0	1	0	1	3	2	5	0.3	0.6	0.3	0.3	0	2	1	3	10	6	16	0.8	1.5		
<b>XI CARCINOMA &amp; MELANOMA</b>	0	3	8	12	34	23	57	3.5	6.8	0.9	1.0	0	5	5	15	34	25	59	3.4	5.6		
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	2	2	2	4	0.3	0.4		
c. Nasopharyngeal	0	1	0	6	12	7	19	1.1	2.3	1.0	1.5	0	2	0	5	6	7	13	0.9	1.2		
d. Melanoma	0	0	1	0	2	1	3	0.2	0.4	0.3	0.8	0	0	2	1	1	3	4	0.4	0.4		
e. Skin carcinoma	0	0	2	2	2	4	6	0.6	0.7	-	2.0	0	0	0	0	3	0	3	-	0.3		
f. Other & unspecified	0	2	5	4	18	11	29	1.7	3.5	0.8	0.8	0	3	3	7	22	13	35	1.8	3.3		
<b>XII OTHER &amp; UNSPECIFIED</b>	2	22	17	23	25	64	89	9.9	10.7	1.1	0.9	2	21	20	13	42	56	98	8.1	9.9		
a. Other specified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.1		
b. Other unspecified	2	22	17	23	25	64	89	9.9	10.7	1.1	0.9	2	21	20	13	41	56	97	8.1	9.8		
<b>TOTAL</b>	28	303	405	351	300	1087	1387	168.8	166.5	1.4	1.3	20	237	302	231	317	790	1107	113.0	115.0		

Please consult the quality indicators for this registry

## UGANDA, Kampala (1996-2013)

	Age group	Males	Females
Person-years	0	520 521	532 420
	1-4	1 917 738	1 953 192
	5-9	2 072 669	2 210 926
	10-14	1 916 012	2 317 478
	15-19	1 890 664	2 604 300
Total	0-14	6 426 940	7 014 016
	0-19	8 317 604	9 618 316
Average annual population	0-14	357 052	389 668
	0-19	462 089	534 351

Please consult the quality indicators for this registry