

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
I LEUKAEMIA	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
II LYMPHOMA & RELATED	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
III CNS NEOPLASMS	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
IV NEUROBLASTOMA	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
V RETINOBLASTOMA	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
VI RENAL TUMOURS	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
VII HEPATIC TUMOURS	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
VIII BONE TUMOURS	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
IX SOFT TISSUE SARCOMA	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
X GERM CELL TUMOURS	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
XI CARCINOMA & MELANOMA	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
XII OTHER & UNSPECIFIED	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
TOTAL	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										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	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				
II LYMPHOMA & RELATED	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				
III CNS NEOPLASMS	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				
IV NEUROBLASTOMA	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	-	-				
V RETINOBLASTOMA	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				
VI RENAL TUMOURS	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				
VII HEPATIC TUMOURS	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				
VIII BONE TUMOURS	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				
IX SOFT TISSUE SARCOMA	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				
X GERM CELL TUMOURS	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				
XI CARCINOMA & MELANOMA	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				
XII OTHER & UNSPECIFIED	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				
TOTAL	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