

SOUTH AFRICA, Paediatric, White (1998-2012)

	Number of cases					Percentage		Incidence rates per million person-years					MV % 0-14	DCO % 0-14	
	Age group					0-14		Age-specific							
	0	1-4	5-9	10-14	0-14	All	Group	0	1-4	5-9	10-14	0-14			ASR
I LEUKAEMIA	25	188	104	69	386	34.3	100.0	36.6	61.3	26.4	15.7	35.1	495	100.0	0.0
a. Lymphoid	14	159	89	53	315	28.0	81.6	20.5	51.8	22.6	12.0	28.6	404	100.0	0.0
b. Acute myeloid	9	25	11	12	57	5.1	14.8	13.2	8.2	2.8	2.7	5.2	73	100.0	0.0
c. CMD	0	1	2	3	6	0.5	1.6	-	0.3	0.5	0.7	0.5	7	100.0	0.0
d. MDS & other	1	2	0	0	3	0.3	0.8	1.5	0.7	-	-	0.3	4	100.0	0.0
e. Unspecified	1	1	2	1	5	0.4	1.3	1.5	0.3	0.5	0.2	0.4	6	100.0	0.0
II LYMPHOMA & RELATED	1	18	57	58	134	11.9	100.0	1.5	5.9	14.5	13.2	10.5	164	100.0	0.0
a. Hodgkin	0	1	20	23	44	3.9	32.8	-	0.3	5.1	5.2	3.3	53	100.0	0.0
b. Non-Hodgkin except BL	1	11	19	25	56	5.0	41.8	1.5	3.6	4.8	5.7	4.4	69	100.0	0.0
c. Burkitt (BL)	0	6	18	10	34	3.0	25.4	-	2.0	4.6	2.3	2.8	42	100.0	0.0
d. Lymphoreticular	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
e. Unspecified	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
III CNS NEOPLASMS †	13	72	58	28	171	15.2	100.0	19.0	23.5	14.8	6.4	15.4	219	84.2	0.0
a. Ependymoma	1	9	9	2	21	1.9	12.3	1.5	2.9	2.3	0.5	1.9	27	100.0	0.0
b. Astrocytoma	5	22	22	10	59	5.2	34.5	7.3	7.2	5.6	2.3	5.3	75	98.3	0.0
c. CNS embryonal	2	25	14	5	46	4.1	26.9	2.9	8.2	3.6	1.1	4.3	59	100.0	0.0
d. Other gliomas	3	11	6	5	25	2.2	14.6	4.4	3.6	1.5	1.1	2.3	32	48.0	0.0
e. Other specified	0	3	1	3	7	0.6	4.1	-	1.0	0.3	0.7	0.6	9	100.0	0.0
f. Unspecified CNS	2	2	6	3	13	1.2	7.6	2.9	0.7	1.5	0.7	1.1	16	0.0	0.0
IV NEUROBLASTOMA	21	52	11	1	85	7.6	100.0	30.7	17.0	2.8	0.2	8.5	112	98.8	0.0
a. (Ganglio)neuroblastoma	21	52	11	0	84	7.5	98.8	30.7	17.0	2.8	-	8.4	111	98.8	0.0
b. Peripheral nervous	0	0	0	1	1	0.1	1.2	-	-	-	0.2	0.1	1	100.0	0.0
V RETINOBLASTOMA	12	20	0	1	33	2.9	100.0	17.5	6.5	-	0.2	3.4	44	63.6	0.0
VI RENAL TUMOURS	6	63	17	1	87	7.7	100.0	8.8	20.5	4.3	0.2	8.6	115	97.7	0.0
a. Nephroblastoma	6	63	17	1	87	7.7	100.0	8.8	20.5	4.3	0.2	8.6	115	97.7	0.0
b. Renal carcinoma	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
c. Unspecified	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	7	9	2	1	19	1.7	100.0	10.2	2.9	0.5	0.2	1.9	25	100.0	0.0
a. Hepatoblastoma	6	9	2	0	17	1.5	89.5	8.8	2.9	0.5	-	1.7	23	100.0	0.0
b. Hepatic carcinoma	1	0	0	1	2	0.2	10.5	1.5	-	-	0.2	0.2	2	100.0	0.0
c. Unspecified	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	6	21	40	67	6.0	100.0	-	2.0	5.3	9.1	5.0	80	100.0	0.0
a. Osteosarcoma	0	2	10	22	34	3.0	50.7	-	0.7	2.5	5.0	2.5	40	100.0	0.0
b. Chondrosarcoma	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
c. Ewing & related	0	4	11	18	33	2.9	49.3	-	1.3	2.8	4.1	2.5	40	100.0	0.0
d. Other specified	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
e. Unspecified	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
IX SOFT TISSUE SARCOMA	5	33	8	17	63	5.6	100.0	7.3	10.8	2.0	3.9	5.7	80	100.0	0.0
a. Rhabdomyosarcoma	3	30	8	9	50	4.4	79.4	4.4	9.8	2.0	2.0	4.7	64	100.0	0.0
b. Fibrosarcoma	1	1	0	1	3	0.3	4.8	1.5	0.3	-	0.2	0.3	4	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
d. Other specified	1	2	0	7	10	0.9	15.9	1.5	0.7	-	1.6	0.8	12	100.0	0.0
e. Unspecified	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
X GERM CELL TUMOURS	9	9	9	11	38	3.4	100.0	13.2	2.9	2.3	2.5	3.3	48	100.0	0.0
a. CNS germ cell	0	0	3	4	7	0.6	18.4	-	-	0.8	0.9	0.5	8	100.0	0.0
b. Other extragonadal	6	7	3	2	18	1.6	47.4	8.8	2.3	0.8	0.5	1.7	23	100.0	0.0
c. Gonadal germ cell	3	2	3	5	13	1.2	34.2	4.4	0.7	0.8	1.1	1.1	16	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
e. Unspecified gonadal	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
XI CARCINOMA & MELANOMA	0	10	10	20	40	3.6	100.0	-	3.3	2.5	4.5	3.2	49	100.0	0.0
a. Adrenocortical	0	3	0	0	3	0.3	7.5	-	1.0	-	-	0.3	4	100.0	0.0
b. Thyroid	0	0	2	1	3	0.3	7.5	-	-	0.5	0.2	0.2	4	100.0	0.0
c. Nasopharyngeal	0	0	1	0	1	0.1	2.5	-	-	0.3	-	0.1	1	100.0	0.0
d. Melanoma	0	6	3	11	20	1.8	50.0	-	2.0	0.8	2.5	1.6	24	100.0	0.0
e. Skin carcinoma	0	0	3	5	8	0.7	20.0	-	-	0.8	1.1	0.6	9	100.0	0.0
f. Other & unspecified	0	1	1	3	5	0.4	12.5	-	0.3	0.3	0.7	0.4	6	100.0	0.0
XII OTHER & UNSPECIFIED	0	1	0	0	1	0.1	100.0	-	0.3	-	-	0.1	1	100.0	0.0
a. Other specified	0	1	0	0	1	0.1	100.0	-	0.3	-	-	0.1	1	100.0	0.0
b. Other unspecified	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
TOTAL	99	481	297	247	1124	100.0	100.0	144.7	156.9	75.5	56.1	100.5	1431	96.3	0.0

† includes 8 non-malignant

Please consult the quality indicators for this registry

SOUTH AFRICA, Paediatric, White (1998-2012)

	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	0-14			0	1-4	5-9	10-14	0-14	
I LEUKAEMIA	13	108	56	38	215	38.3	1.3	12	80	48	31	171	31.7
a. Lymphoid	6	97	51	31	185	32.9	1.4	8	62	38	22	130	24.2
b. Acute myeloid	5	8	4	6	23	4.0	0.7	4	17	7	6	34	6.4
c. CMD	0	1	1	1	3	0.5	1.0	0	0	1	2	3	0.4
d. MDS & other	1	2	0	0	3	0.6	-	0	0	0	0	0	-
e. Unspecified	1	0	0	0	1	0.2	0.3	0	1	2	1	4	0.7
II LYMPHOMA & RELATED	0	12	44	39	95	14.5	2.4	1	6	13	19	39	6.2
a. Hodgkin	0	0	19	13	32	4.7	2.7	0	1	1	10	12	1.7
b. Non-Hodgkin except BL	0	8	11	18	37	5.7	1.9	1	3	8	7	19	3.1
c. Burkitt (BL)	0	4	14	8	26	4.1	3.3	0	2	4	2	8	1.4
d. Lymphoreticular	0	0	0	0	0	-	-	0	0	0	0	0	-
e. Unspecified	0	0	0	0	0	-	-	0	0	0	0	0	-
III CNS NEOPLASMS †	9	43	32	10	94	16.9	1.2	4	29	26	18	77	13.8
a. Ependymoma	0	5	8	1	14	2.4	2.0	1	4	1	1	7	1.4
b. Astrocytoma	4	14	9	3	30	5.5	1.0	1	8	13	7	29	5.0
c. CNS embryonal	2	16	7	2	27	5.0	1.4	0	9	7	3	19	3.5
d. Other gliomas	2	5	4	1	12	2.2	0.9	1	6	2	4	13	2.4
e. Other specified	0	1	0	1	2	0.3	0.4	0	2	1	2	5	0.9
f. Unspecified CNS	1	2	4	2	9	1.5	2.3	1	0	2	1	4	0.7
IV NEUROBLASTOMA	12	29	8	0	49	9.6	1.4	9	23	3	1	36	7.4
a. (Ganglio)neuroblastoma	12	29	8	0	49	9.6	1.4	9	23	3	0	35	7.3
b. Peripheral nervous	0	0	0	0	0	-	0.0	0	0	0	1	1	0.1
V RETINOBLASTOMA	7	8	0	1	16	3.2	0.9	5	12	0	0	17	3.6
VI RENAL TUMOURS	4	27	10	0	41	7.9	0.9	2	36	7	1	46	9.3
a. Nephroblastoma	4	27	10	0	41	7.9	0.9	2	36	7	1	46	9.3
b. Renal carcinoma	0	0	0	0	0	-	-	0	0	0	0	0	-
c. Unspecified	0	0	0	0	0	-	-	0	0	0	0	0	-
VII HEPATIC TUMOURS	5	6	0	0	11	2.2	1.4	2	3	2	1	8	1.5
a. Hepatoblastoma	5	6	0	0	11	2.2	1.8	1	3	2	0	6	1.2
b. Hepatic carcinoma	0	0	0	0	0	-	0.0	1	0	0	1	2	0.3
c. Unspecified	0	0	0	0	0	-	-	0	0	0	0	0	-
VIII BONE TUMOURS	0	4	11	22	37	5.4	1.2	0	2	10	18	30	4.5
a. Osteosarcoma	0	0	6	13	19	2.6	1.3	0	2	4	9	15	2.3
b. Chondrosarcoma	0	0	0	0	0	-	-	0	0	0	0	0	-
c. Ewing & related	0	4	5	9	18	2.8	1.2	0	0	6	9	15	2.2
d. Other specified	0	0	0	0	0	-	-	0	0	0	0	0	-
e. Unspecified	0	0	0	0	0	-	-	0	0	0	0	0	-
IX SOFT TISSUE SARCOMA	4	20	5	10	39	6.9	1.6	1	13	3	7	24	4.4
a. Rhabdomyosarcoma	2	19	5	7	33	5.9	1.9	1	11	3	2	17	3.3
b. Fibrosarcoma	1	0	0	1	2	0.3	2.0	0	1	0	0	1	0.2
c. Kaposi sarcoma	0	0	0	0	0	-	-	0	0	0	0	0	-
d. Other specified	1	1	0	2	4	0.7	0.7	0	1	0	5	6	0.9
e. Unspecified	0	0	0	0	0	-	-	0	0	0	0	0	-
X GERM CELL TUMOURS	5	5	1	5	16	2.8	0.7	4	4	8	6	22	3.8
a. CNS germ cell	0	0	1	4	5	0.7	2.5	0	0	2	0	2	0.3
b. Other extragonadal	2	3	0	1	6	1.1	0.5	4	4	3	1	12	2.3
c. Gonadal germ cell	3	2	0	0	5	1.0	0.6	0	0	3	5	8	1.2
d. Gonadal carcinoma	0	0	0	0	0	-	-	0	0	0	0	0	-
e. Unspecified gonadal	0	0	0	0	0	-	-	0	0	0	0	0	-
XI CARCINOMA & MELANOMA	0	3	5	8	16	2.4	0.7	0	7	5	12	24	3.9
a. Adrenocortical	0	1	0	0	1	0.2	0.5	0	2	0	0	2	0.4
b. Thyroid	0	0	1	1	2	0.3	2.0	0	0	1	0	1	0.2
c. Nasopharyngeal	0	0	1	0	1	0.2	-	0	0	0	0	0	-
d. Melanoma	0	2	1	2	5	0.8	0.3	0	4	2	9	15	2.4
e. Skin carcinoma	0	0	2	4	6	0.8	3.0	0	0	1	1	2	0.3
f. Other & unspecified	0	0	0	1	1	0.1	0.3	0	1	1	2	4	0.7
XII OTHER & UNSPECIFIED	0	0	0	0	0	-	0.0	0	1	0	0	1	0.2
a. Other specified	0	0	0	0	0	-	0.0	0	1	0	0	1	0.2
b. Other unspecified	0	0	0	0	0	-	-	0	0	0	0	0	-
TOTAL	59	265	172	133	629	110.0	1.3	40	216	125	114	495	90.5

† includes 7 non-malignant in males and 1 non-malignant in females

Please consult the quality indicators for this registry

SOUTH AFRICA, Paediatric, White (1998-2012)

	Age group	Males	Females
Person-years	0	347 264	336 675
	1-4	1 567 626	1 498 960
	5-9	2 018 547	1 913 645
	10-14	2 264 298	2 141 132
Total	0-14	6 197 735	5 890 412
Average annual population	0-14	413 182	392 694

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