

SOUTH-AFRICA, Paediatric (1998-2012)

	Number of cases					Percentage		Incidence rates per million person-years					MV	DCO	
	Age group					0-14		Age-specific					Cumulative	%	%
	0	1-4	5-9	10-14	0-14	All	Group	0	1-4	5-9	10-14	0-14			
I LEUKAEMIA	151	886	803	611	2451	25.3	100.0	11.1	14.5	11.1	8.4	11.4	167	100.0	0.0
a. Lymphoid	67	658	551	364	1640	16.9	66.9	4.9	10.7	7.6	5.0	7.7	112	100.0	0.0
b. Acute myeloid	68	198	211	208	685	7.1	27.9	5.0	3.2	2.9	2.9	3.2	47	100.0	0.0
c. CMD	1	8	26	33	68	0.7	2.8	0.1	0.1	0.4	0.5	0.3	5	100.0	0.0
d. MDS & other	9	10	1	2	22	0.2	0.9	0.7	0.2	0.0	0.0	0.1	1	100.0	0.0
e. Unspecified	6	12	14	4	36	0.4	1.5	0.4	0.2	0.2	0.1	0.2	2	100.0	0.0
II LYMPHOMA & RELATED	8	340	564	445	1357	14.0	100.0	0.6	5.6	7.8	6.2	6.1	93	99.9	0.0
a. Hodgkin	0	54	212	204	470	4.8	34.6	-	0.9	2.9	2.8	2.0	32	99.8	0.0
b. Non-Hodgkin except BL	7	118	214	180	519	5.4	38.2	0.5	1.9	3.0	2.5	2.3	36	99.8	0.0
c. Burkitt (BL)	1	162	132	59	354	3.6	26.1	0.1	2.6	1.8	0.8	1.7	24	100.0	0.0
d. Lymphoreticular	0	3	2	0	5	0.1	0.4	-	0.0	0.0	-	0.0	0	100.0	0.0
e. Unspecified	0	3	4	2	9	0.1	0.7	-	0.0	0.1	0.0	0.0	1	100.0	0.0
III CNS NEOPLASMS †	75	429	520	276	1300	13.4	100.0	5.5	7.0	7.2	3.8	6.0	89	69.5	0.0
a. Ependymoma	12	56	47	16	131	1.4	10.1	0.9	0.9	0.6	0.2	0.6	9	100.0	0.0
b. Astrocytoma	15	100	139	81	335	3.5	25.8	1.1	1.6	1.9	1.1	1.5	23	98.2	0.0
c. CNS embryonal	20	124	100	55	299	3.1	23.0	1.5	2.0	1.4	0.8	1.4	20	100.0	0.0
d. Other gliomas	6	83	121	50	260	2.7	20.0	0.4	1.4	1.7	0.7	1.2	18	25.8	0.0
e. Other specified	2	14	34	30	80	0.8	6.2	0.1	0.2	0.5	0.4	0.4	5	97.5	0.0
f. Unspecified CNS	20	52	79	44	195	2.0	15.0	1.5	0.8	1.1	0.6	0.9	13	0.0	0.0
IV NEUROBLASTOMA	110	313	82	28	533	5.5	100.0	8.1	5.1	1.1	0.4	2.7	36	92.1	0.0
a. (Ganglio)neuroblastoma	110	313	79	22	524	5.4	98.3	8.1	5.1	1.1	0.3	2.6	35	92.0	0.0
b. Peripheral nervous	0	0	3	6	9	0.1	1.7	-	-	0.0	0.1	0.0	1	100.0	0.0
V RETINOBLASTOMA	105	470	58	10	643	6.6	100.0	7.7	7.7	0.8	0.1	3.3	43	68.6	0.0
VI RENAL TUMOURS	118	809	266	54	1247	12.9	100.0	8.6	13.2	3.7	0.7	6.2	84	93.7	0.0
a. Nephroblastoma	118	808	260	48	1234	12.7	99.0	8.6	13.2	3.6	0.7	6.1	83	93.7	0.0
b. Renal carcinoma	0	1	6	6	13	0.1	1.0	-	0.0	0.1	0.1	0.1	1	100.0	0.0
c. Unspecified	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	36	88	31	39	194	2.0	100.0	2.6	1.4	0.4	0.5	0.9	13	92.8	0.0
a. Hepatoblastoma	32	81	14	3	130	1.3	67.0	2.3	1.3	0.2	0.0	0.7	9	99.2	0.0
b. Hepatic carcinoma	1	5	15	35	56	0.6	28.9	0.1	0.1	0.2	0.5	0.2	4	91.1	0.0
c. Unspecified	3	2	2	1	8	0.1	4.1	0.2	0.0	0.0	0.0	0.0	1	0.0	0.0
VIII BONE TUMOURS	2	25	104	260	391	4.0	100.0	0.1	0.4	1.4	3.6	1.6	27	99.5	0.0
a. Osteosarcoma	0	6	72	212	290	3.0	74.2	-	0.1	1.0	2.9	1.2	20	100.0	0.0
b. Chondrosarcoma	1	0	0	5	6	0.1	1.5	0.1	-	-	0.1	0.0	0	100.0	0.0
c. Ewing & related	1	17	29	38	85	0.9	21.7	0.1	0.3	0.4	0.5	0.4	6	100.0	0.0
d. Other specified	0	2	2	1	5	0.1	1.3	-	0.0	0.0	0.0	0.0	0	100.0	0.0
e. Unspecified	0	0	1	4	5	0.1	1.3	-	-	0.0	0.1	0.0	0	60.0	0.0
IX SOFT TISSUE SARCOMA	78	349	315	235	977	10.1	100.0	5.7	5.7	4.4	3.2	4.6	67	95.0	0.0
a. Rhabdomyosarcoma	34	226	160	109	529	5.5	54.1	2.5	3.7	2.2	1.5	2.5	36	100.0	0.0
b. Fibrosarcoma	22	17	4	13	56	0.6	5.7	1.6	0.3	0.1	0.2	0.3	4	100.0	0.0
c. Kaposi sarcoma	4	70	111	55	240	2.5	24.6	0.3	1.1	1.5	0.8	1.1	16	80.0	0.0
d. Other specified	13	28	30	46	117	1.2	12.0	1.0	0.5	0.4	0.6	0.5	8	100.0	0.0
e. Unspecified	5	8	10	12	35	0.4	3.6	0.4	0.1	0.1	0.2	0.2	2	97.1	0.0
X GERM CELL TUMOURS	83	103	68	87	341	3.5	100.0	6.1	1.7	0.9	1.2	1.6	23	99.1	0.0
a. CNS germ cell	0	3	4	9	16	0.2	4.7	-	0.0	0.1	0.1	0.1	1	93.8	0.0
b. Other extragonadal	75	74	27	32	208	2.1	61.0	5.5	1.2	0.4	0.4	1.0	14	100.0	0.0
c. Gonadal germ cell	7	21	34	39	101	1.0	29.6	0.5	0.3	0.5	0.5	0.5	7	100.0	0.0
d. Gonadal carcinoma	0	1	0	1	2	0.0	0.6	-	0.0	-	0.0	0.0	0	100.0	0.0
e. Unspecified gonadal	1	4	3	6	14	0.1	4.1	0.1	0.1	0.0	0.1	0.1	1	85.7	0.0
XI CARCINOMA & MELANOMA	3	36	52	127	218	2.2	100.0	0.2	0.6	0.7	1.8	0.9	15	99.5	0.0
a. Adrenocortical	0	7	2	1	10	0.1	4.6	-	0.1	0.0	0.0	0.0	1	100.0	0.0
b. Thyroid	0	1	6	7	14	0.1	6.4	-	0.0	0.1	0.1	0.1	1	100.0	0.0
c. Nasopharyngeal	0	2	5	39	46	0.5	21.1	-	0.0	0.1	0.5	0.2	3	100.0	0.0
d. Melanoma	0	12	7	16	35	0.4	16.1	-	0.2	0.1	0.2	0.2	2	100.0	0.0
e. Skin carcinoma	1	9	8	12	30	0.3	13.8	0.1	0.1	0.1	0.2	0.1	2	96.7	0.0
f. Other & unspecified	2	5	24	52	83	0.9	38.1	0.1	0.1	0.3	0.7	0.4	6	100.0	0.0
XII OTHER & UNSPECIFIED	8	16	14	10	48	0.5	100.0	0.6	0.3	0.2	0.1	0.2	3	35.4	0.0
a. Other specified	2	6	5	3	16	0.2	33.3	0.1	0.1	0.1	0.0	0.1	1	100.0	0.0
b. Other unspecified	6	10	9	7	32	0.3	66.7	0.4	0.2	0.1	0.1	0.2	2	3.1	0.0
TOTAL	777	3864	2877	2182	9700	100.0	100.0	56.9	63.1	39.8	30.2	45.6	659	91.5	0.0

† includes 86 non-malignant

Please consult the quality indicators for this registry

SOUTH-AFRICA, Paediatric (1998-2012)

	Males							M/F ratio	Females						
	Number of cases in age groups					ASR per million 0-14	0-14		Number of cases in age groups					ASR per million 0-14	
	0	1-4	5-9	10-14	0-14				0	1-4	5-9	10-14	0-14		
I LEUKAEMIA	85	510	459	350	1404	13.0	1.3	66	376	344	261	1047	9.8		
a. Lymphoid	40	403	323	218	984	9.2	1.5	27	255	228	146	656	6.1		
b. Acute myeloid	35	85	115	113	348	3.2	1.0	33	113	96	95	337	3.1		
c. CMD	1	4	14	17	36	0.3	1.1	0	4	12	16	32	0.3		
d. MDS & other	6	8	1	1	16	0.2	2.7	3	2	0	1	6	0.1		
e. Unspecified	3	10	6	1	20	0.2	1.3	3	2	8	3	16	0.1		
II LYMPHOMA & RELATED	2	233	417	300	952	8.5	2.4	6	107	147	145	405	3.7		
a. Hodgkin	0	44	167	141	352	3.1	3.0	0	10	45	63	118	1.0		
b. Non-Hodgkin except BL	1	75	141	111	328	2.9	1.7	6	43	73	69	191	1.7		
c. Burkitt (BL)	1	111	106	47	265	2.5	3.0	0	51	26	12	89	0.9		
d. Lymphoreticular	0	1	0	0	1	0.0	0.3	0	2	2	0	4	0.0		
e. Unspecified	0	2	3	1	6	0.1	2.0	0	1	1	1	3	0.0		
III CNS NEOPLASMS †	40	230	273	149	692	6.4	1.1	35	199	247	127	608	5.7		
a. Ependymoma	5	34	30	9	78	0.7	1.5	7	22	17	7	53	0.5		
b. Astrocytoma	9	54	69	38	170	1.6	1.0	6	46	70	43	165	1.5		
c. CNS embryonal	12	72	49	37	170	1.6	1.3	8	52	51	18	129	1.2		
d. Other gliomas	2	35	58	26	121	1.1	0.9	4	48	63	24	139	1.3		
e. Other specified	1	4	20	14	39	0.3	1.0	1	10	14	16	41	0.4		
f. Unspecified CNS	11	31	47	25	114	1.0	1.4	9	21	32	19	81	0.8		
IV NEUROBLASTOMA	63	166	46	16	291	2.9	1.2	47	147	36	12	242	2.4		
a. (Ganglio)neuroblastoma	63	166	44	12	285	2.8	1.2	47	147	35	10	239	2.4		
b. Peripheral nervous	0	0	2	4	6	0.0	2.0	0	0	1	2	3	0.0		
V RETINOBLASTOMA	61	253	31	7	352	3.6	1.2	44	217	27	3	291	3.0		
VI RENAL TUMOURS	57	407	119	27	610	6.1	1.0	61	402	147	27	637	6.3		
a. Nephroblastoma	57	406	118	25	606	6.0	1.0	61	402	142	23	628	6.3		
b. Renal carcinoma	0	1	1	2	4	0.0	0.4	0	0	5	4	9	0.1		
c. Unspecified	0	0	0	0	0	-	-	0	0	0	0	0	-		
VII HEPATIC TUMOURS	21	47	18	24	110	1.1	1.3	15	41	13	15	84	0.8		
a. Hepatoblastoma	19	46	8	1	74	0.7	1.3	13	35	6	2	56	0.6		
b. Hepatic carcinoma	0	1	8	22	31	0.3	1.2	1	4	7	13	25	0.2		
c. Unspecified	2	0	2	1	5	0.0	1.7	1	2	0	0	3	0.0		
VIII BONE TUMOURS	1	16	56	137	210	1.8	1.2	1	9	48	123	181	1.5		
a. Osteosarcoma	0	2	39	114	155	1.3	1.1	0	4	33	98	135	1.1		
b. Chondrosarcoma	0	0	0	2	2	0.0	0.5	1	0	0	3	4	0.0		
c. Ewing & related	1	13	15	18	47	0.4	1.2	0	4	14	20	38	0.3		
d. Other specified	0	1	1	0	2	0.0	0.7	0	1	1	1	3	0.0		
e. Unspecified	0	0	1	3	4	0.0	4.0	0	0	0	1	1	0.0		
IX SOFT TISSUE SARCOMA	40	209	191	131	571	5.3	1.4	38	140	124	104	406	3.8		
a. Rhabdomyosarcoma	15	132	99	65	311	2.9	1.4	19	94	61	44	218	2.1		
b. Fibrosarcoma	17	10	2	8	37	0.4	1.9	5	7	2	5	19	0.2		
c. Kaposi sarcoma	0	47	70	28	145	1.3	1.5	4	23	41	27	95	0.9		
d. Other specified	5	15	18	25	63	0.6	1.2	8	13	12	21	54	0.5		
e. Unspecified	3	5	2	5	15	0.1	0.8	2	3	8	7	20	0.2		
X GERM CELL TUMOURS	29	40	6	15	90	0.9	0.4	54	63	62	72	251	2.3		
a. CNS germ cell	0	1	1	6	8	0.1	1.0	0	2	3	3	8	0.1		
b. Other extragonadal	22	20	3	5	50	0.5	0.3	53	54	24	27	158	1.5		
c. Gonadal germ cell	6	18	2	3	29	0.3	0.4	1	3	32	36	72	0.6		
d. Gonadal carcinoma	0	1	0	0	1	0.0	1.0	0	0	0	1	1	0.0		
e. Unspecified gonadal	1	0	0	1	2	0.0	0.2	0	4	3	5	12	0.1		
XI CARCINOMA & MELANOMA	2	12	31	60	105	0.9	0.9	1	24	21	67	113	1.0		
a. Adrenocortical	0	2	1	1	4	0.0	0.7	0	5	1	0	6	0.1		
b. Thyroid	0	1	4	3	8	0.1	1.3	0	0	2	4	6	0.1		
c. Nasopharyngeal	0	0	4	22	26	0.2	1.3	0	2	1	17	20	0.2		
d. Melanoma	0	3	5	3	11	0.1	0.5	0	9	2	13	24	0.2		
e. Skin carcinoma	1	6	5	8	20	0.2	2.0	0	3	3	4	10	0.1		
f. Other & unspecified	1	0	12	23	36	0.3	0.8	1	5	12	29	47	0.4		
XII OTHER & UNSPECIFIED	6	11	8	4	29	0.3	1.5	2	5	6	6	19	0.2		
a. Other specified	2	3	4	1	10	0.1	1.7	0	3	1	2	6	0.1		
b. Other unspecified	4	8	4	3	19	0.2	1.5	2	2	5	4	13	0.1		
TOTAL	407	2134	1655	1220	5416	50.6	1.3	370	1730	1222	962	4284	40.5		

† includes 60 non-malignant in males and 26 non-malignant in females

Please consult the quality indicators for this registry

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	Age group	Males	Females
Person-years	0	6 814 930	6 837 838
	1-4	30 782 104	30 460 123
	5-9	36 272 256	36 086 158
	10-14	36 379 204	35 977 762
Total	0-14	110 248 494	109 361 881
Average annual population	0-14	7 349 900	7 290 792

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