

Table 1 Geographic distribution and characteristics of childhood cancer in Saudi Arabia

Diagnosis	Regions (patient's home)														Total
	Riyadh	Makkah	Eastern	Madinah	Asir	Jazan	Qassim	Hail	Aljouf	Tabuk	Najran	Albaha	Northern border	ND	
Leukaemia	263	143	69	43	52	28	35	15	20	14	11	12	13	31	749 (45.2%)
Acute lymphoblastic leukaemia	238	118	42	40	48	25	27	15	18	12	10	11	12	26	642
Acute myeloid leukaemia	11	20	2	1	4	2	5	0	2	1	1	1	1	2	53
Acute leukaemia, NOS	13	3	23	2	0	1	3	0	0	1	0	0	0	3	49
JMML	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
Chronic myeloid leukaemia	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
Myelodysplastic syndrome	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Non-CNS solid tumours	140	110	62	36	25	15	12	23	14	14	12	6	4	27	500 (30.2%)
Wilms' tumour	30	23	5	9	2	2	6	7	3	3	1	0	2	6	99
Retinoblastoma	22	7	13	3	2	4	0	3	2	3	2	0	1	7	69
Ewing's sarcoma/PNET	20	15	5	4	5	1	1	2	3	3	4	1	0	4	68
Neuroblastoma	14	16	8	3	3	4	4	4	1	0	1	1	0	2	61
Rhabdomyosarcoma	19	9	5	5	9	1	1	2	1	0	0	0	1	4	57
Hepatoblastoma	10	8	2	3	0	2	0	2	0	0	1	0	0	0	28
Osteosarcoma	4	5	4	2	0	1	0	0	2	3	0	2	0	2	25
Renal cell carcinoma	8	0	9	3	0	0	0	0	1	0	0	0	0	0	21
Germ cell tumour	2	11	3	1	2	0	0	1	0	0	0	0	0	0	20
Thyroid carcinoma	0	1	0	1	0	0	0	0	0	1	0	2	0	0	5
Other sarcoma	4	10	3	1	1	0	0	2	0	0	2	0	0	2	25
Other carcinoma	3	4	2	0	0	0	0	0	0	1	0	0	0	0	10
Other solid tumour	4	1	3	1	1	0	0	0	1	0	1	0	0	0	12
Lymphoma	49	39	22	9	17	15	12	9	4	5	3	1	1	17	203 (12.3%)
Hodgkin's lymphoma	32	15	14	7	9	8	6	6	2	5	1	0	1	9	115
Non-Hodgkin's lymphoma	17	24	8	2	8	7	6	3	2	0	2	1	0	8	88
CNS tumours	56	43	22	18	7	8	3	10	6	6	2	4	2	9	196 (11.8%)
Medulloblastoma	23	25	10	9	2	3	3	5	3	2	0	2	0	4	90
Glioma	22	13	6	7	4	2	0	5	3	2	1	2	2	2	71
Ependymoma	6	2	4	2	0	0	0	0	0	1	1	0	0	0	16
ATRT	3	0	0	0	1	2	0	0	0	1	0	0	0	0	7
Germ cell tumour	1	0	2	0	0	0	0	0	0	0	0	0	0	1	4
Other CNS tumour	1	3	0	0	0	1	0	0	0	0	0	0	0	2	8
Histiocytosis	3	1	0	2	1	0	1	0	0	0	0	0	0	1	9 (0.5%)
Total	511 (30.8%)	336 (20.2%)	175 (10.6%)	108 (6.5%)	102 (6.2%)	67 (4.0%)	63 (3.8%)	57 (3.4%)	44 (2.7%)	39 (2.4%)	28 (1.7%)	23 (1.4%)	20 (1.2%)	84 (5.1%)	1657

NOS = not otherwise specified; ND = not determined; JMML = juvenile myelomonocytic leukaemia; ATRT = atypical teratoid rhabdoid tumour; PNET = peripheral neuroectodermal tumour.