

CHINA, Dalian (2003-2012)

	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	5	33	38	29	42	105	147	37.5	100.0	32.5	100.0	57.5	63.4	58.7	37.8	38.0	54.1	50.5	795	985	100.0	0.0
a. Lymphoid	3	28	28	14	14	73	87	26.1	69.5	19.2	59.2	34.5	53.8	43.2	18.2	12.7	39.0	33.1	562	626	100.0	0.0
b. Acute myeloid	1	0	3	9	17	13	30	4.6	12.4	6.6	20.4	11.5	-	4.6	11.7	15.4	5.5	7.7	90	167	100.0	0.0
c. CMD	0	0	1	3	5	4	9	1.4	3.8	2.0	6.1	-	-	1.5	3.9	4.5	1.6	2.3	27	50	100.0	0.0
d. MDS & other	0	1	2	0	2	3	5	1.1	2.9	1.1	3.4	-	1.9	3.1	-	1.8	1.6	1.7	24	33	100.0	0.0
e. Unspecified	1	4	4	3	4	12	16	4.3	11.4	3.5	10.9	11.5	7.7	6.2	3.9	3.6	6.3	5.7	92	110	100.0	0.0
II LYMPHOMA & RELATED	0	5	5	14	15	24	39	8.6	100.0	8.6	100.0	-	9.6	7.7	18.2	13.6	11.0	11.6	171	239	100.0	0.0
a. Hodgkin	0	0	2	3	6	5	11	1.8	20.8	2.4	28.2	-	-	3.1	3.9	5.4	2.1	2.9	35	62	100.0	0.0
b. Non-Hodgkin except BL	0	2	3	10	6	15	21	5.4	62.5	4.6	53.8	-	3.8	4.6	13.0	5.4	6.5	6.3	105	132	100.0	0.0
c. Burkitt (BL)	0	0	0	0	2	0	2	-	-	0.4	5.1	-	-	-	-	1.8	-	0.4	-	9	100.0	0.0
d. Lymphoreticular	0	0	0	1	0	1	1	0.4	4.2	0.2	2.6	-	-	-	1.3	-	0.4	0.3	7	7	100.0	0.0
e. Unspecified	0	3	0	0	1	3	4	1.1	12.5	0.9	10.3	-	5.8	-	-	0.9	1.9	1.7	25	29	100.0	0.0
III CNS NEOPLASMS †	5	4	13	21	27	43	70	15.4	100.0	15.5	100.0	57.5	7.7	20.1	27.4	24.4	20.1	21.1	311	433	60.0	11.4
a. Ependymoma	0	1	1	2	1	4	5	1.4	9.3	1.1	7.1	-	1.9	1.5	2.6	0.9	1.9	1.7	29	33	100.0	0.0
b. Astrocytoma	0	1	4	8	5	13	18	4.6	30.2	4.0	25.7	-	1.9	6.2	10.4	4.5	5.7	5.4	91	114	100.0	0.0
c. CNS embryonal	0	0	2	1	2	3	5	1.1	7.0	1.1	7.1	-	-	3.1	1.3	1.8	1.4	1.5	22	31	100.0	0.0
d. Other gliomas	0	1	1	1	4	3	7	1.1	7.0	1.5	10.0	-	1.9	1.5	1.3	3.6	1.5	2.0	22	41	100.0	0.0
e. Other specified	0	0	1	1	4	2	6	0.7	4.7	1.3	8.6	-	-	1.5	1.3	3.6	0.9	1.5	14	32	100.0	0.0
f. Unspecified CNS	5	1	4	8	11	18	29	6.4	41.9	6.4	41.4	57.5	1.9	6.2	10.4	9.9	8.8	9.1	132	182	3.4	27.6
IV NEUROBLASTOMA	1	3	1	0	1	5	6	1.8	100.0	1.3	100.0	11.5	5.8	1.5	-	0.9	3.0	2.6	41	45	100.0	0.0
a. (Ganglio)neuroblastoma	1	3	1	0	1	5	6	1.8	100.0	1.3	100.0	11.5	5.8	1.5	-	0.9	3.0	2.6	41	45	100.0	0.0
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V RETINOBLASTOMA	0	1	1	0	0	2	2	0.7	100.0	0.4	100.0	-	1.9	1.5	-	-	1.1	0.9	16	16	100.0	0.0
VI RENAL TUMOURS	5	5	1	0	1	11	12	3.9	100.0	2.6	100.0	57.5	9.6	1.5	-	0.9	6.9	5.5	90	95	91.7	0.0
a. Nephroblastoma	4	5	1	0	0	10	10	3.6	90.9	2.2	83.3	46.0	9.6	1.5	-	-	6.2	4.8	82	82	100.0	0.0
b. Renal carcinoma	0	0	0	0	1	0	1	-	-	0.2	8.3	-	-	-	0.9	-	0.2	-	5	5	100.0	0.0
c. Unspecified	1	0	0	0	0	1	1	0.4	9.1	0.2	8.3	11.5	-	-	-	-	0.6	0.5	8	8	0.0	0.0
VII HEPATIC TUMOURS	3	6	3	5	2	17	19	6.1	100.0	4.2	100.0	34.5	11.5	4.6	6.5	1.8	9.1	7.5	130	139	47.4	15.8
a. Hepatoblastoma	1	2	0	0	0	3	3	1.1	17.6	0.7	15.8	11.5	3.8	-	-	-	1.9	1.5	25	25	100.0	0.0
b. Hepatic carcinoma	0	0	2	4	1	6	7	2.1	35.3	1.5	36.8	-	-	3.1	5.2	0.9	2.5	2.1	41	46	85.7	0.0
c. Unspecified	2	4	1	1	1	8	9	2.9	47.1	2.0	47.4	23.0	7.7	1.5	1.3	0.9	4.7	3.8	64	68	0.0	33.3
VIII BONE TUMOURS	0	2	1	5	16	8	24	2.9	100.0	5.3	100.0	-	3.8	1.5	6.5	14.5	3.7	6.1	57	129	87.5	8.3
a. Osteosarcoma	0	0	1	3	11	4	15	1.4	50.0	3.3	62.5	-	-	1.5	3.9	9.9	1.6	3.5	27	77	100.0	0.0
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c. Ewing & related	0	0	0	2	2	2	4	0.7	25.0	0.9	16.7	-	-	-	2.6	1.8	0.8	1.0	13	22	100.0	0.0
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified	0	2	0	0	3	2	5	0.7	25.0	1.1	20.8	-	3.8	-	-	2.7	1.3	1.6	16	30	40.0	40.0
IX SOFT TISSUE SARCOMA	0	0	2	5	10	7	17	2.5	100.0	3.8	100.0	-	-	3.1	6.5	9.0	2.9	4.3	48	93	100.0	0.0
a. Rhabdomyosarcoma	0	0	1	1	0	2	2	0.7	28.6	0.4	11.8	-	-	1.5	1.3	-	0.9	0.7	14	14	100.0	0.0
b. Fibrosarcoma	0	0	0	1	2	1	3	0.4	14.3	0.7	17.6	-	-	-	1.3	1.8	0.4	0.7	7	16	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	0	0	1	1	6	2	8	0.7	28.6	1.8	47.1	-	-	1.5	1.3	5.4	0.9	1.9	14	41	100.0	0.0
e. Unspecified	0	0	0	2	2	2	4	0.7	28.6	0.9	23.5	-	-	-	2.6	1.8	0.8	1.0	13	22	100.0	0.0
X GERM CELL TUMOURS	1	2	1	2	12	6	18	2.1	100.0	4.0	100.0	11.5	3.8	1.5	2.6	10.9	3.2	4.9	45	100	94.4	0.0
a. CNS germ cell	0	0	0	1	2	1	3	0.4	16.7	0.7	16.7	-	-	-	1.3	1.8	0.4	0.7	7	16	100.0	0.0
b. Other extragonadal	1	0	0	1	2	1	3	0.4	16.7	0.7	16.7	11.5	-	-	-	1.8	0.6	0.9	8	17	100.0	0.0
c. Gonadal germ cell	0	2	1	0	2	3	5	1.1	50.0	1.1	27.8	-	3.8	1.5	-	1.8	1.8	1.8	24	33	100.0	0.0
d. Gonadal carcinoma	0	0	0	1	4	1	5	0.4	16.7	1.1	27.8	-	-	-	1.3	3.6	0.4	1.1	7	25	100.0	0.0
e. Unspecified gonadal	0	0	0	0	2	0	2	-	-	0.4	11.1	-	-	-	-	1.8	-	0.4	-	9	50.0	0.0
XI CARCINOMA & MELANOMA	0	1	2	12	31	15	46	5.4	100.0	10.2	100.0	-	1.9	3.1	15.6	28.0	6.2	11.1	102	242	100.0	0.0
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Thyroid	0	0	1	5	16	6	22	2.1	40.0	4.9	47.8	-	-	1.5	6.5	14.5	2.4	5.1	40	113	100.0	0.0
c. Nasopharyngeal	0	0	0	1	2	1	3	0.4	6.7	0.7	6.5	-	-	-	1.3	1.8	0.4	0.7	7	16	100.0	0.0
d. Melanoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Skin carcinoma	0	0	0	1	0	1	1	0.4	6.7	0.2	2.2	-	-	-	1.3	-	0.4	0.3	7	7	100.0	0.0
f. Other & unspecified	0	1	1	5	13	7	20	2.5	46.7	4.4	43.5	-	1.9	1.5	6.5	11.8	3.0	5.0	49	107	100.0	0.0
XII OTHER & UNSPECIFIED	4	23	2	8	16	37	53	13.2	100.0	11.7	100.0	46.0	44.2	3.1	10.4	14.5	21.2	19.7	290	362	17.0	35.8
a. Other specified	0	0	0	0	3	0	3	-	-	0.7	5.7	-	-	-	-	2.7	-	0.6	-	14	100.0	0.0
b. Other unspecified	4	23	2	8	13	37	50	13.2	100.0	11.0	94.3	46.0	44.2	3.1	10.4	11.8	21.2	19.1	290	348	12.0	38.0
TOTAL	24	85	70	101	173	280	453	100.0	100.0	100.0	100.0	275.9	163.2	108.1	131.6	156.4	142.5	145.6	2095	2877	80.8	7.1

† includes 11 non-malignant

Please consult the quality indicators for this registry

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	Males										M/F ratio		Females									
	Number of cases in age groups										0-14	0-19	Number of cases in age groups									
	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	3	18	18	18	24	57	81	56.3	53.1	1.2	1.2	2	15	20	11	18	48	66	51.8	47.7		
a. Lymphoid	2	17	14	11	5	44	49	44.8	36.7	1.5	1.3	1	11	14	3	9	29	38	32.7	29.1		
b. Acute myeloid	0	0	2	3	11	5	16	4.1	7.6	0.6	1.1	1	0	1	6	6	8	14	7.0	8.0		
c. CMD	0	0	0	2	4	2	6	1.5	2.7	1.0	2.0	0	0	1	1	1	2	3	1.8	1.8		
d. MDS & other	0	1	1	0	1	2	3	2.2	2.1	2.0	1.5	0	0	1	0	1	1	2	1.0	1.2		
e. Unspecified	1	0	1	2	3	4	7	3.7	4.0	0.5	0.8	0	4	3	1	1	8	9	9.2	7.5		
II LYMPHOMA & RELATED	0	4	4	7	11	15	26	13.9	15.1	1.7	2.0	0	1	1	7	4	9	13	7.8	7.7		
a. Hodgkin	0	0	1	2	3	3	6	2.4	3.1	1.5	1.2	0	0	1	1	3	2	5	1.8	2.7		
b. Non-Hodgkin except BL	0	1	3	5	6	9	15	7.8	8.4	1.5	2.5	0	1	0	5	0	6	6	5.2	4.0		
c. Burkitt (BL)	0	0	0	0	1	0	1	-	0.4	-	1.0	0	0	0	0	1	0	1	-	0.4		
d. Lymphoreticular	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.8	0.6		
e. Unspecified	0	3	0	0	1	3	4	3.7	3.2	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	2	1	7	11	18	21	39	18.5	21.5	1.0	1.3	3	3	6	10	9	22	31	21.9	20.8		
a. Ependymoma	0	0	1	1	1	2	3	1.7	1.7	1.0	1.5	0	1	0	1	0	2	2	2.1	1.6		
b. Astrocytoma	0	1	3	4	3	8	11	7.1	6.7	1.6	1.6	0	0	1	4	2	5	7	4.1	4.0		
c. CNS embryonal	0	0	0	0	2	0	2	-	0.8	0.0	0.7	0	0	2	1	0	3	3	2.8	2.2		
d. Other gliomas	0	0	0	1	0	1	1	0.7	0.6	0.5	0.2	0	1	1	0	4	2	6	2.4	3.5		
e. Other specified	0	0	1	0	3	1	4	1.0	1.9	1.0	2.0	0	0	0	1	1	1	2	0.8	1.0		
f. Unspecified CNS	2	0	2	5	9	9	18	8.1	9.8	1.0	1.6	3	1	2	3	2	9	11	9.7	8.4		
IV NEUROBLASTOMA	1	1	0	0	1	2	3	2.4	2.3	0.7	1.0	0	2	1	0	0	3	3	3.7	2.9		
a. (Ganglio)neuroblastoma	1	1	0	0	1	2	3	2.4	2.3	0.7	1.0	0	2	1	0	0	3	3	3.7	2.9		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	1	0	0	2	2	2.4	1.8		
VI RENAL TUMOURS	1	3	0	1	4	5	4.9	4.2	0.6	0.7	4	2	1	0	0	7	7	9.0	7.0			
a. Nephroblastoma	1	3	0	0	0	4	4	4.9	3.8	0.7	0.7	3	2	1	0	0	6	6	7.7	5.9		
b. Renal carcinoma	0	0	0	0	1	0	1	-	0.4	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	0	1	1	1.3	1.0		
VII HEPATIC TUMOURS	2	3	2	4	2	11	13	11.0	9.3	1.8	2.2	1	3	1	1	0	6	6	7.1	5.5		
a. Hepatoblastoma	1	2	0	0	0	3	3	3.7	2.8	-	-	0	0	0	0	0	0	0	-	-		
b. Hepatic carcinoma	0	0	2	3	1	5	6	4.1	3.6	5.0	6.0	0	0	0	1	0	1	1	0.8	0.6		
c. Unspecified	1	1	0	1	1	3	4	3.2	2.9	0.6	0.8	1	3	1	0	0	5	5	6.3	4.9		
VIII BONE TUMOURS	0	1	1	4	13	6	19	5.1	9.1	3.0	3.8	0	1	0	1	3	2	5	2.1	2.9		
a. Osteosarcoma	0	0	1	3	8	4	12	3.2	5.6	-	4.0	0	0	0	0	3	0	3	-	1.3		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	0	1	2	1	3	0.7	1.4	1.0	3.0	0	0	0	1	0	1	1	0.8	0.6		
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	1	0	0	3	1	4	1.2	2.1	1.0	4.0	0	1	0	0	0	1	1	1.3	1.0		
IX SOFT TISSUE SARCOMA	0	0	1	2	6	3	9	2.4	4.3	0.8	1.1	0	0	1	3	4	4	8	3.4	4.3		
a. Rhabdomyosarcoma	0	0	0	1	0	1	1	0.7	0.6	1.0	1.0	0	0	1	0	0	1	1	1.0	0.8		
b. Fibrosarcoma	0	0	0	0	1	0	1	-	0.4	0.0	0.5	0	0	0	1	1	1	2	0.8	1.0		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	0	1	1	3	2	5	1.7	2.5	-	1.7	0	0	0	0	3	0	3	-	1.3		
e. Unspecified	0	0	0	0	2	0	2	-	0.8	0.0	1.0	0	0	0	2	0	2	2	1.6	1.2		
X GERM CELL TUMOURS	0	2	0	1	6	3	9	3.2	4.8	1.0	1.0	1	0	1	1	6	3	9	3.1	4.9		
a. CNS germ cell	0	0	0	1	2	1	3	0.7	1.4	-	-	0	0	0	0	0	0	0	-	-		
b. Other extragonadal	0	0	0	0	2	0	2	-	0.8	0.0	2.0	1	0	0	0	0	1	1	1.3	1.0		
c. Gonadal germ cell	0	2	0	0	2	2	4	2.4	2.7	2.0	4.0	0	0	1	0	0	1	1	1.0	0.8		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	4	1	5	0.8	2.3		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	0.8		
XI CARCINOMA & MELANOMA	0	1	0	3	11	4	15	3.4	7.0	0.4	0.5	0	0	2	9	20	11	31	9.1	15.4		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	0	2	2	2	4	1.5	1.9	0.5	0.2	0	0	1	3	14	4	18	3.4	8.5		
c. Nasopharyngeal	0	0	0	0	2	0	2	-	0.8	0.0	2.0	0	0	0	1	0	1	1	0.8	0.6		
d. Melanoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Skin carcinoma	0	0	0	1	0	1	1	0.7	0.6	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	1	0	0	7	1	8	1.2	3.7	0.2	0.7	0	0	1	5	6	6	12	4.9	6.3		
XII OTHER & UNSPECIFIED	2	15	0	1	5	18	23	21.5	18.7	0.9	0.8	2	8	2	7	11	19	30	20.8	20.7		
a. Other specified	0	0	0	0	1	0	1	-	0.4	-	0.5	0	0	0	0	2	0	2	-	0.8		
b. Other unspecified	2	15	0	1	4	18	22	21.5	18.3	0.9	0.8	2	8	2	7	9	19	28	20.8	19.9		
TOTAL	11	49	33	51	98	144	242	142.8	149.4	1.1	1.1	13	36	37	50	75	136	211	142.1	141.5		

† includes 6 non-malignant in males and 5 non-malignant in females

Please consult the quality indicators for this registry

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	Age group	Males	Females
Person-years	0	45 156	41 824
	1-4	271 018	249 684
	5-9	335 257	312 403
	10-14	394 158	373 593
	15-19	568 389	537 562
Total	0-14	1 045 589	977 504
	0-19	1 613 978	1 515 066
Average annual population	0-14	104 559	97 750
	0-19	161 398	151 507

Please consult the quality indicators for this registry