

NEW-ZEALAND, Paediatric (2000-2012)

	Number of cases					Percentage		Incidence rates per million person-years					MV % 0-14	DCO % 0-14	
	Age group					0-14		Age-specific				Cumulative 0-14			
	0	1-4	5-9	10-14	0-14	All	Group	0	1-4	5-9	10-14				0-14
I LEUKAEMIA	40	280	163	124	607	34.3	100.0	51.6	91.7	42.8	31.3	55.3	788	99.8	0.2
a. Lymphoid	17	234	132	81	464	26.2	76.4	21.9	76.7	34.7	20.4	42.5	603	100.0	0.0
b. Acute myeloid	16	32	22	36	106	6.0	17.5	20.6	10.5	5.8	9.1	9.4	137	99.1	0.9
c. CMD	1	2	2	3	8	0.5	1.3	1.3	0.7	0.5	0.8	0.7	10	100.0	0.0
d. MDS & other	4	8	2	1	15	0.8	2.5	5.2	2.6	0.5	0.3	1.5	20	100.0	0.0
e. Unspecified	2	4	5	3	14	0.8	2.3	2.6	1.3	1.3	0.8	1.3	18	100.0	0.0
II LYMPHOMA & RELATED	6	21	53	82	162	9.2	100.0	7.7	6.9	13.9	20.7	13.2	208	100.0	0.0
a. Hodgkin	0	2	15	34	51	2.9	31.5	-	0.7	3.9	8.6	4.0	65	100.0	0.0
b. Non-Hodgkin except BL	0	10	21	42	73	4.1	45.1	-	3.3	5.5	10.6	5.9	94	100.0	0.0
c. Burkitt (BL)	0	4	13	5	22	1.2	13.6	-	1.3	3.4	1.3	1.9	29	100.0	0.0
d. Lymphoreticular	6	5	3	1	15	0.8	9.3	7.7	1.6	0.8	0.3	1.4	20	100.0	0.0
e. Unspecified	0	0	1	0	1	0.1	0.6	-	-	0.3	-	0.1	1	100.0	0.0
III CNS NEOPLASMS †	22	118	128	109	377	21.3	100.0	28.4	38.7	33.6	27.5	33.0	488	85.1	0.0
a. Ependymoma	4	16	9	9	38	2.1	10.1	5.2	5.2	2.4	2.3	3.4	49	97.4	0.0
b. Astrocytoma	7	47	60	47	161	9.1	42.7	9.0	15.4	15.8	11.9	14.0	209	88.8	0.0
c. CNS embryonal	6	25	32	17	80	4.5	21.2	7.7	8.2	8.4	4.3	7.1	104	100.0	0.0
d. Other gliomas	2	15	17	16	50	2.8	13.3	2.6	4.9	4.5	4.0	4.3	65	34.0	0.0
e. Other specified	2	14	10	19	45	2.5	11.9	2.6	4.6	2.6	4.8	3.9	58	97.8	0.0
f. Unspecified CNS	1	1	0	1	3	0.2	0.8	1.3	0.3	-	0.3	0.3	4	0.0	0.0
IV NEUROBLASTOMA	49	53	19	5	126	7.1	100.0	63.2	17.4	5.0	1.3	12.3	164	99.2	0.0
a. (Ganglio)neuroblastoma	49	53	19	3	124	7.0	98.4	63.2	17.4	5.0	0.8	12.1	162	99.2	0.0
b. Peripheral nervous	0	0	0	2	2	0.1	1.6	-	-	-	0.5	0.1	3	100.0	0.0
V RETINOBLASTOMA	16	37	3	1	57	3.2	100.0	20.6	12.1	0.8	0.3	5.7	74	86.0	0.0
VI RENAL TUMOURS	14	53	11	5	83	4.7	100.0	18.0	17.4	2.9	1.3	8.1	108	97.6	0.0
a. Nephroblastoma	14	53	11	3	81	4.6	97.6	18.0	17.4	2.9	0.8	7.9	106	97.5	0.0
b. Renal carcinoma	0	0	0	2	2	0.1	2.4	-	-	-	0.5	0.1	3	100.0	0.0
c. Unspecified	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	6	9	6	1	22	1.2	100.0	7.7	2.9	1.6	0.3	2.1	29	81.8	0.0
a. Hepatoblastoma	5	8	2	0	15	0.8	68.2	6.4	2.6	0.5	-	1.5	20	80.0	0.0
b. Hepatic carcinoma	1	1	4	1	7	0.4	31.8	1.3	0.3	1.1	0.3	0.6	9	85.7	0.0
c. Unspecified	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	5	25	67	97	5.5	100.0	-	1.6	6.6	16.9	7.5	124	99.0	0.0
a. Osteosarcoma	0	1	11	36	48	2.7	49.5	-	0.3	2.9	9.1	3.7	61	100.0	0.0
b. Chondrosarcoma	0	0	0	1	1	0.1	1.0	-	-	-	0.3	0.1	1	100.0	0.0
c. Ewing & related	0	3	13	25	41	2.3	42.3	-	1.0	3.4	6.3	3.2	53	100.0	0.0
d. Other specified	0	1	1	3	5	0.3	5.2	-	0.3	0.3	0.8	0.4	6	80.0	0.0
e. Unspecified	0	0	0	2	2	0.1	2.1	-	-	-	0.5	0.1	3	100.0	0.0
IX SOFT TISSUE SARCOMA	12	33	29	39	113	6.4	100.0	15.5	10.8	7.6	9.8	9.9	146	100.0	0.0
a. Rhabdomyosarcoma	4	24	17	12	57	3.2	50.4	5.2	7.9	4.5	3.0	5.2	74	100.0	0.0
b. Fibrosarcoma	4	0	2	2	8	0.5	7.1	5.2	-	0.5	0.5	0.7	10	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
d. Other specified	3	6	7	19	35	2.0	31.0	3.9	2.0	1.8	4.8	2.9	45	100.0	0.0
e. Unspecified	1	3	3	6	13	0.7	11.5	1.3	1.0	0.8	1.5	1.1	17	100.0	0.0
X GERM CELL TUMOURS	20	10	8	31	69	3.9	100.0	25.8	3.3	2.1	7.8	6.0	89	95.7	0.0
a. CNS germ cell ‡	0	2	5	17	24	1.4	34.8	-	0.7	1.3	4.3	1.9	31	91.7	0.0
b. Other extragonadal	13	4	1	2	20	1.1	29.0	16.8	1.3	0.3	0.5	2.0	26	100.0	0.0
c. Gonadal germ cell	7	4	2	12	25	1.4	36.2	9.0	1.3	0.5	3.0	2.2	32	96.0	0.0
d. Gonadal carcinoma	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
e. Unspecified gonadal	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
XI CARCINOMA & MELANOMA	0	6	6	39	51	2.9	100.0	-	2.0	1.6	9.8	4.0	65	96.1	0.0
a. Adrenocortical	0	0	1	0	1	0.1	2.0	-	-	0.3	-	0.1	1	100.0	0.0
b. Thyroid	0	2	0	6	8	0.5	15.7	-	0.7	-	1.5	0.6	10	100.0	0.0
c. Nasopharyngeal	0	0	0	2	2	0.1	3.9	-	-	-	0.5	0.1	3	100.0	0.0
d. Melanoma	0	2	1	15	18	1.0	35.3	-	0.7	0.3	3.8	1.4	23	88.9	0.0
e. Skin carcinoma	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	0	2	4	16	22	1.2	43.1	-	0.7	1.1	4.0	1.7	28	100.0	0.0
XII OTHER & UNSPECIFIED	1	2	1	0	4	0.2	100.0	1.3	0.7	0.3	-	0.4	5	75.0	0.0
a. Other specified	0	2	1	0	3	0.2	75.0	-	0.7	0.3	-	0.3	4	100.0	0.0
b. Other unspecified	1	0	0	0	1	0.1	25.0	1.3	-	-	-	0.1	1	0.0	0.0
TOTAL	186	627	452	503	1768	100.0	100.0	239.8	205.4	118.8	126.8	157.4	2290	95.5	0.1

† includes 153 non-malignant ‡ includes 2 non-malignant

Please consult the quality indicators for this registry

NEW-ZEALAND, Paediatric (2000-2012)

	Males						M/F ratio	Females					
	Number of cases in age groups					ASR per million 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	18	156	89	70	333	59.0	1.2	22	124	74	54	274	51.3
a. Lymphoid	10	134	73	44	261	46.8	1.3	7	100	59	37	203	38.0
b. Acute myeloid	5	15	11	22	53	8.9	1.0	11	17	11	14	53	9.8
c. CMD	0	1	0	2	3	0.5	0.6	1	1	2	1	5	0.9
d. MDS & other	2	4	2	0	8	1.5	1.1	2	4	0	1	7	1.4
e. Unspecified	1	2	3	2	8	1.4	1.3	1	2	2	1	6	1.1
II LYMPHOMA & RELATED	5	13	35	50	103	16.5	1.7	1	8	18	32	59	9.8
a. Hodgkin	0	1	8	16	25	3.8	1.0	0	1	7	18	26	4.1
b. Non-Hodgkin except BL	0	5	14	30	49	7.6	2.0	0	5	7	12	24	4.1
c. Burkitt (BL)	0	3	9	4	16	2.7	2.7	0	1	4	1	6	1.1
d. Lymphoreticular	5	4	3	0	12	2.3	4.0	1	1	0	1	3	0.6
e. Unspecified	0	0	1	0	1	0.2	-	0	0	0	0	0	-
III CNS NEOPLASMS †	11	61	74	52	198	33.9	1.1	11	57	54	57	179	32.1
a. Ependymoma	2	7	6	6	21	3.6	1.2	2	9	3	3	17	3.3
b. Astrocytoma	2	18	31	17	68	11.5	0.7	5	29	29	30	93	16.6
c. CNS embryonal	3	20	26	11	60	10.4	3.0	3	5	6	6	20	3.6
d. Other gliomas	2	6	7	9	24	4.0	0.9	0	9	10	7	26	4.7
e. Other specified	1	9	4	8	22	3.8	1.0	1	5	6	11	23	3.9
f. Unspecified CNS	1	1	0	1	3	0.5	-	0	0	0	0	0	-
IV NEUROBLASTOMA	30	20	10	5	65	12.2	1.1	19	33	9	0	61	12.4
a. (Ganglio)neuroblastoma	30	20	10	3	63	11.9	1.0	19	33	9	0	61	12.4
b. Peripheral nervous	0	0	0	2	2	0.3	-	0	0	0	0	0	-
V RETINOBLASTOMA	8	18	2	1	29	5.6	1.0	8	19	1	0	28	5.8
VI RENAL TUMOURS	9	20	7	2	38	7.2	0.8	5	33	4	3	45	9.0
a. Nephroblastoma	9	20	7	1	37	7.0	0.8	5	33	4	2	44	8.9
b. Renal carcinoma	0	0	0	1	1	0.1	1.0	0	0	0	1	1	0.2
c. Unspecified	0	0	0	0	0	-	-	0	0	0	0	0	-
VII HEPATIC TUMOURS	5	5	2	0	12	2.3	1.2	1	4	4	1	10	1.9
a. Hepatoblastoma	4	4	0	0	8	1.6	1.1	1	4	2	0	7	1.4
b. Hepatic carcinoma	1	1	2	0	4	0.7	1.3	0	0	2	1	3	0.5
c. Unspecified	0	0	0	0	0	-	-	0	0	0	0	0	-
VIII BONE TUMOURS	0	2	14	36	52	7.8	1.2	0	3	11	31	45	7.2
a. Osteosarcoma	0	1	7	20	28	4.2	1.4	0	0	4	16	20	3.1
b. Chondrosarcoma	0	0	0	1	1	0.1	-	0	0	0	0	0	-
c. Ewing & related	0	0	7	14	21	3.2	1.1	0	3	6	11	20	3.3
d. Other specified	0	1	0	1	2	0.3	0.7	0	0	1	2	3	0.5
e. Unspecified	0	0	0	0	0	-	0.0	0	0	0	2	2	0.3
IX SOFT TISSUE SARCOMA	7	21	17	21	66	11.3	1.4	5	12	12	18	47	8.3
a. Rhabdomyosarcoma	3	17	11	9	40	7.0	2.4	1	7	6	3	17	3.2
b. Fibrosarcoma	2	0	2	0	4	0.7	1.0	2	0	0	2	4	0.7
c. Kaposi sarcoma	0	0	0	0	0	-	-	0	0	0	0	0	-
d. Other specified	1	4	3	7	15	2.5	0.8	2	2	4	12	20	3.3
e. Unspecified	1	0	1	5	7	1.1	1.2	0	3	2	1	6	1.1
X GERM CELL TUMOURS	14	5	2	13	34	5.9	1.0	6	5	6	18	35	6.0
a. CNS germ cell ‡	0	1	2	9	12	1.8	1.0	0	1	3	8	12	1.9
b. Other extragonadal	7	0	0	2	9	1.7	0.8	6	4	1	0	11	2.2
c. Gonadal germ cell	7	4	0	2	13	2.5	1.1	0	0	2	10	12	1.9
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	16	24	3.7	0.9	0	3	1	23	27	4.3
a. Adrenocortical	0	0	1	0	1	0.2	-	0	0	0	0	0	-
b. Thyroid	0	2	0	1	3	0.5	0.6	0	0	0	5	5	0.8
c. Nasopharyngeal	0	0	0	1	1	0.1	1.0	0	0	0	1	1	0.2
d. Melanoma	0	1	1	6	8	1.2	0.8	0	1	0	9	10	1.6
e. Skin carcinoma	0	0	0	0	0	-	-	0	0	0	0	0	-
f. Other & unspecified	0	0	3	8	11	1.6	1.0	0	2	1	8	11	1.8
XII OTHER & UNSPECIFIED	0	1	1	0	2	0.4	1.0	1	1	0	0	2	0.4
a. Other specified	0	1	1	0	2	0.4	2.0	0	1	0	0	1	0.2
b. Other unspecified	0	0	0	0	0	-	0.0	1	0	0	0	1	0.2
TOTAL	107	325	258	266	956	165.9	1.2	79	302	194	237	812	148.4

† includes 76 non-malignant in males and 77 non-malignant in females ‡ includes 1 non-malignant in males and 1 non-malignant in females

Please consult the quality indicators for this registry

NEW-ZEALAND, Paediatric (2000-2012)

	Age group	Males	Females
Person-years	0	397 220	378 420
	1-4	1 564 550	1 487 710
	5-9	1 951 690	1 853 940
	10-14	2 033 050	1 932 360
Total	0-14	5 946 510	5 652 430
Average annual population	0-14	457 424	434 802

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