

NEW ZEALAND, Paediatric, Non-Maori (2000-2012)

	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	32	228	127	97	484	34.4	100.0	57.0	101.4	44.2	31.8	59.3	843	100.0	0.0
a. Lymphoid	17	196	107	65	385	27.3	79.5	30.3	87.2	37.3	21.3	47.6	672	100.0	0.0
b. Acute myeloid	9	21	14	27	71	5.0	14.7	16.0	9.3	4.9	8.8	8.3	122	100.0	0.0
c. CMD	1	2	2	2	7	0.5	1.4	1.8	0.9	0.7	0.7	0.8	12	100.0	0.0
d. MDS & other	3	7	1	1	12	0.9	2.5	5.3	3.1	0.3	0.3	1.6	21	100.0	0.0
e. Unspecified	2	2	3	2	9	0.6	1.9	3.6	0.9	1.0	0.7	1.1	16	100.0	0.0
II LYMPHOMA & RELATED	5	13	44	69	131	9.3	100.0	8.9	5.8	15.3	22.6	14.0	222	100.0	0.0
a. Hodgkin	0	1	10	28	39	2.8	29.8	-	0.4	3.5	9.2	3.9	65	100.0	0.0
b. Non-Hodgkin except BL	0	7	18	36	61	4.3	46.6	-	3.1	6.3	11.8	6.4	103	100.0	0.0
c. Burkitt (BL)	0	2	12	4	18	1.3	13.7	-	0.9	4.2	1.3	2.0	31	100.0	0.0
d. Lymphoreticular	5	3	3	1	12	0.9	9.2	8.9	1.3	1.0	0.3	1.5	21	100.0	0.0
e. Unspecified	0	0	1	0	1	0.1	0.8	-	-	0.3	-	0.1	2	100.0	0.0
III CNS NEOPLASMS †	21	91	100	91	303	21.5	100.0	37.4	40.5	34.8	29.8	35.3	523	84.2	0.0
a. Ependymoma	4	13	7	8	32	2.3	10.6	7.1	5.8	2.4	2.6	3.9	56	100.0	0.0
b. Astrocytoma	7	38	49	40	134	9.5	44.2	12.5	16.9	17.1	13.1	15.5	231	88.8	0.0
c. CNS embryonal	5	16	22	13	56	4.0	18.5	8.9	7.1	7.7	4.3	6.6	97	100.0	0.0
d. Other gliomas	2	11	15	14	42	3.0	13.9	3.6	4.9	5.2	4.6	4.8	72	31.0	0.0
e. Other specified	2	12	7	15	36	2.6	11.9	3.6	5.3	2.4	4.9	4.1	62	97.2	0.0
f. Unspecified CNS	1	1	0	1	3	0.2	1.0	1.8	0.4	-	0.3	0.4	5	0.0	0.0
IV NEUROBLASTOMA	39	42	16	2	99	7.0	100.0	69.5	18.7	5.6	0.7	13.1	175	99.0	0.0
a. (Ganglio)neuroblastoma	39	42	16	2	99	7.0	100.0	69.5	18.7	5.6	0.7	13.1	175	99.0	0.0
b. Peripheral nervous	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
V RETINOBLASTOMA	12	28	3	1	44	3.1	100.0	21.4	12.5	1.0	0.3	5.9	78	90.9	0.0
VI RENAL TUMOURS	12	46	11	4	73	5.2	100.0	21.4	20.5	3.8	1.3	9.6	129	98.6	0.0
a. Nephroblastoma	12	46	11	3	72	5.1	98.6	21.4	20.5	3.8	1.0	9.5	127	98.6	0.0
b. Renal carcinoma	0	0	0	1	1	0.1	1.4	-	-	-	0.3	0.1	2	100.0	0.0
c. Unspecified	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	5	6	6	0	17	1.2	100.0	8.9	2.7	2.1	-	2.2	30	82.4	0.0
a. Hepatoblastoma	4	6	2	0	12	0.9	70.6	7.1	2.7	0.7	-	1.6	21	75.0	0.0
b. Hepatic carcinoma	1	0	4	0	5	0.4	29.4	1.8	-	1.4	-	0.6	9	100.0	0.0
c. Unspecified	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	5	18	54	77	5.5	100.0	-	2.2	6.3	17.7	7.8	129	98.7	0.0
a. Osteosarcoma	0	1	8	30	39	2.8	50.6	-	0.4	2.8	9.8	3.9	65	100.0	0.0
b. Chondrosarcoma	0	0	0	1	1	0.1	1.3	-	-	-	0.3	0.1	2	100.0	0.0
c. Ewing & related	0	3	9	20	32	2.3	41.6	-	1.3	3.1	6.6	3.3	54	100.0	0.0
d. Other specified	0	1	1	1	3	0.2	3.9	-	0.4	0.3	0.3	0.3	5	66.7	0.0
e. Unspecified	0	0	0	2	2	0.1	2.6	-	-	-	0.7	0.2	3	100.0	0.0
IX SOFT TISSUE SARCOMA	12	28	23	27	90	6.4	100.0	21.4	12.5	8.0	8.8	10.7	155	100.0	0.0
a. Rhabdomyosarcoma	4	20	14	8	46	3.3	51.1	7.1	8.9	4.9	2.6	5.6	80	100.0	0.0
b. Fibrosarcoma	4	0	2	2	8	0.6	8.9	7.1	-	0.7	0.7	1.0	14	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
d. Other specified	3	5	4	12	24	1.7	26.7	5.3	2.2	1.4	3.9	2.7	41	100.0	0.0
e. Unspecified	1	3	3	5	12	0.9	13.3	1.8	1.3	1.0	1.6	1.4	21	100.0	0.0
X GERM CELL TUMOURS	12	8	6	21	47	3.3	100.0	21.4	3.6	2.1	6.9	5.4	80	95.7	0.0
a. CNS germ cell ‡	0	1	4	11	16	1.1	34.0	-	0.4	1.4	3.6	1.6	27	87.5	0.0
b. Other extragonadal	7	4	1	1	13	0.9	27.7	12.5	1.8	0.3	0.3	1.7	23	100.0	0.0
c. Gonadal germ cell	5	3	1	9	18	1.3	38.3	8.9	1.3	0.3	2.9	2.1	31	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
e. Unspecified gonadal	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
XI CARCINOMA & MELANOMA	0	4	6	31	41	2.9	100.0	-	1.8	2.1	10.2	4.2	68	95.1	0.0
a. Adrenocortical	0	0	1	0	1	0.1	2.4	-	-	0.3	-	0.1	2	100.0	0.0
b. Thyroid	0	1	0	3	4	0.3	9.8	-	0.4	-	1.0	0.4	7	100.0	0.0
c. Nasopharyngeal	0	0	0	1	1	0.1	2.4	-	-	-	0.3	0.1	2	100.0	0.0
d. Melanoma	0	2	1	15	18	1.3	43.9	-	0.9	0.3	4.9	1.8	30	88.9	0.0
e. Skin carcinoma	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	0	1	4	12	17	1.2	41.5	-	0.4	1.4	3.9	1.7	28	100.0	0.0
XII OTHER & UNSPECIFIED	1	1	0	0	2	0.1	100.0	1.8	0.4	-	-	0.3	4	50.0	0.0
a. Other specified	0	1	0	0	1	0.1	50.0	-	0.4	-	-	0.1	2	100.0	0.0
b. Other unspecified	1	0	0	0	1	0.1	50.0	1.8	-	-	-	0.1	2	0.0	0.0
TOTAL	151	500	360	397	1408	100.0	100.0	269.0	222.4	125.4	130.1	167.9	2436	95.5	0.0

† includes 127 non-malignant ‡ includes 1 non-malignant

Please consult the quality indicators for this registry

NEW ZEALAND, Paediatric, Non-Maori (2000-2012)

	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	15	123	72	46	256	61.5	1.1	17	105	55	51	228	57.1
a. Lymphoid	10	110	61	29	210	51.1	1.2	7	86	46	36	175	43.9
b. Acute myeloid	3	9	7	15	34	7.5	0.9	6	12	7	12	37	9.0
c. CMD	0	1	0	1	2	0.5	0.4	1	1	2	1	5	1.2
d. MDS & other	1	3	1	0	5	1.3	0.7	2	4	0	1	7	1.9
e. Unspecified	1	0	3	1	5	1.1	1.3	1	2	0	1	4	1.0
II LYMPHOMA & RELATED	4	6	28	42	80	16.6	1.6	1	7	16	27	51	11.2
a. Hodgkin	0	0	5	14	19	3.7	0.9	0	1	5	14	20	4.2
b. Non-Hodgkin except BL	0	2	11	25	38	7.6	1.7	0	5	7	11	23	5.2
c. Burkitt (BL)	0	2	8	3	13	2.8	2.6	0	0	4	1	5	1.1
d. Lymphoreticular	4	2	3	0	9	2.3	3.0	1	1	0	1	3	0.8
e. Unspecified	0	0	1	0	1	0.2	-	0	0	0	0	0	-
III CNS NEOPLASMS †	11	42	57	44	154	34.9	1.0	10	49	43	47	149	35.7
a. Ependymoma	2	4	5	5	16	3.6	1.0	2	9	2	3	16	4.2
b. Astrocytoma	2	14	27	15	58	13.0	0.8	5	24	22	25	76	18.1
c. CNS embryonal	3	13	17	9	42	9.7	3.0	2	3	5	4	14	3.3
d. Other gliomas	2	3	6	8	19	4.1	0.8	0	8	9	6	23	5.5
e. Other specified	1	7	2	6	16	3.7	0.8	1	5	5	9	20	4.6
f. Unspecified CNS	1	1	0	1	3	0.7	-	0	0	0	0	0	-
IV NEUROBLASTOMA	23	14	9	2	48	12.3	0.9	16	28	7	0	51	14.0
a. (Ganglio)neuroblastoma	23	14	9	2	48	12.3	0.9	16	28	7	0	51	14.0
b. Peripheral nervous	0	0	0	0	0	-	-	0	0	0	0	0	-
V RETINOBLASTOMA	6	13	2	1	22	5.7	1.0	6	15	1	0	22	6.2
VI RENAL TUMOURS	7	17	7	1	32	8.2	0.8	5	29	4	3	41	11.1
a. Nephroblastoma	7	17	7	1	32	8.2	0.8	5	29	4	2	40	10.9
b. Renal carcinoma	0	0	0	0	0	-	0.0	0	0	0	1	1	0.2
c. Unspecified	0	0	0	0	0	-	-	0	0	0	0	0	-
VII HEPATIC TUMOURS	4	4	2	0	10	2.6	1.4	1	2	4	0	7	1.8
a. Hepatoblastoma	3	4	0	0	7	1.9	1.4	1	2	2	0	5	1.3
b. Hepatic carcinoma	1	0	2	0	3	0.7	1.5	0	0	2	0	2	0.5
c. Unspecified	0	0	0	0	0	-	-	0	0	0	0	0	-
VIII BONE TUMOURS	0	2	11	29	42	8.3	1.2	0	3	7	25	35	7.3
a. Osteosarcoma	0	1	6	17	24	4.7	1.6	0	0	2	13	15	3.0
b. Chondrosarcoma	0	0	0	1	1	0.2	-	0	0	0	0	0	-
c. Ewing & related	0	0	5	11	16	3.1	1.0	0	3	4	9	16	3.5
d. Other specified	0	1	0	0	1	0.3	0.5	0	0	1	1	2	0.4
e. Unspecified	0	0	0	0	0	-	0.0	0	0	0	2	2	0.4
IX SOFT TISSUE SARCOMA	7	16	13	16	52	12.0	1.4	5	12	10	11	38	9.3
a. Rhabdomyosarcoma	3	13	8	6	30	7.2	1.9	1	7	6	2	16	4.0
b. Fibrosarcoma	2	0	2	0	4	1.0	1.0	2	0	0	2	4	1.0
c. Kaposi sarcoma	0	0	0	0	0	-	-	0	0	0	0	0	-
d. Other specified	1	3	2	5	11	2.4	0.8	2	2	2	7	13	3.0
e. Unspecified	1	0	1	5	7	1.4	1.4	0	3	2	0	5	1.3
X GERM CELL TUMOURS	10	3	1	8	22	5.2	0.9	2	5	5	13	25	5.7
a. CNS germ cell ‡	0	0	1	6	7	1.3	0.8	0	1	3	5	9	2.0
b. Other extragonadal	5	0	0	1	6	1.5	0.9	2	4	1	0	7	1.9
c. Gonadal germ cell	5	3	0	1	9	2.3	1.0	0	0	1	8	9	1.8
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	2	5	14	21	4.2	1.1	0	2	1	17	20	4.1
a. Adrenocortical	0	0	1	0	1	0.2	-	0	0	0	0	0	-
b. Thyroid	0	1	0	0	1	0.3	0.3	0	0	0	3	3	0.6
c. Nasopharyngeal	0	0	0	1	1	0.2	-	0	0	0	0	0	-
d. Melanoma	0	1	1	6	8	1.6	0.8	0	1	0	9	10	2.0
e. Skin carcinoma	0	0	0	0	0	-	-	0	0	0	0	0	-
f. Other & unspecified	0	0	3	7	10	2.0	1.4	0	1	1	5	7	1.5
XII OTHER & UNSPECIFIED	0	1	0	0	1	0.3	1.0	1	0	0	0	1	0.3
a. Other specified	0	1	0	0	1	0.3	-	0	0	0	0	0	-
b. Other unspecified	0	0	0	0	0	-	0.0	1	0	0	0	1	0.3
TOTAL	87	243	207	203	740	171.9	1.1	64	257	153	194	668	163.8

† includes 62 non-malignant in males and 65 non-malignant in females ‡ includes 1 non-malignant in females

Please consult the quality indicators for this registry

NEW ZEALAND, Paediatric, Non-Maori (2000-2012)

	Age group	Males	Females
Person-years	0	286 960	274 450
	1-4	1 150 630	1 097 120
	5-9	1 471 490	1 399 600
	10-14	1 565 070	1 486 120
Total	0-14	4 474 150	4 257 290
Average annual population	0-14	344 165	327 484

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