

CANADA, Manitoba (1992-2013)

	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	14	111	71	59	45	255	300	32.8	100.0	25.0	100.0	42.3	80.8	40.2	32.5	24.4	50.8	44.9	730	852	100.0	0.0
a. Lymphoid	8	102	59	39	20	208	228	26.7	81.6	19.0	76.0	24.2	74.2	33.4	21.5	10.9	42.0	35.0	597	651	100.0	0.0
b. Acute myeloid	5	6	5	15	19	31	50	4.0	12.2	4.2	16.7	15.1	4.4	2.8	8.3	10.3	5.8	6.8	88	139	100.0	0.0
c. CMD	0	1	4	4	4	9	13	1.2	3.5	1.1	4.3	-	0.7	2.3	2.2	2.2	1.6	1.7	25	36	100.0	0.0
d. MDS & other	1	1	2	1	2	5	7	0.6	2.0	0.6	2.3	3.0	0.7	1.1	0.6	1.1	1.0	1.0	14	20	100.0	0.0
e. Unspecified	0	1	1	0	0	2	2	0.3	0.8	0.2	0.7	-	0.7	0.6	-	-	0.4	0.3	6	6	100.0	0.0
II LYMPHOMA & RELATED	2	12	21	41	87	76	163	9.8	100.0	13.6	100.0	6.0	8.7	11.9	22.6	47.3	13.6	21.1	213	450	99.4	0.0
a. Hodgkin	0	0	6	16	64	22	86	2.8	28.9	7.2	52.8	-	-	3.4	8.8	34.8	3.7	10.7	61	235	100.0	0.0
b. Non-Hodgkin except BL	0	7	9	17	21	33	54	4.2	43.4	4.5	33.1	-	5.1	5.1	9.4	11.4	6.0	7.2	93	150	100.0	0.0
c. Burkitt (BL)	0	3	3	6	1	12	13	1.5	15.8	1.1	8.0	-	2.2	1.7	3.3	0.5	2.2	1.8	34	37	100.0	0.0
d. Lymphoreticular	2	2	3	2	1	9	10	1.2	11.8	0.8	6.1	6.0	1.5	1.7	1.1	0.5	1.8	1.5	26	28	90.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III CNS NEOPLASMS †	8	69	61	64	64	202	266	26.0	100.0	22.2	100.0	24.2	50.2	34.5	35.2	34.8	38.9	37.9	575	749	77.4	0.0
a. Ependymoma	1	10	7	3	5	21	26	2.7	10.4	2.2	9.8	3.0	7.3	4.0	1.7	2.7	4.3	3.9	60	74	92.3	0.0
b. Astrocytoma	1	34	21	30	24	86	110	11.1	42.6	9.2	41.4	3.0	24.7	11.9	16.5	13.0	16.6	15.8	245	310	84.5	0.0
c. CNS embryonal	3	13	11	9	4	36	40	4.6	17.8	3.3	15.0	9.1	9.5	6.2	5.0	2.2	7.1	6.0	103	114	97.5	0.0
d. Other gliomas	0	5	9	6	10	20	30	2.6	9.9	2.5	11.3	-	3.6	5.1	3.3	5.4	3.7	4.1	57	84	43.3	0.0
e. Other specified	2	5	9	15	17	31	48	4.0	15.3	4.0	18.0	6.0	3.6	5.1	8.3	9.2	5.6	6.4	87	133	72.9	0.0
f. Unspecified CNS	1	2	4	1	4	8	12	1.0	4.0	1.0	4.5	3.0	1.5	2.3	0.6	2.2	1.6	1.7	23	34	16.7	0.0
IV NEUROBLASTOMA	14	28	8	0	1	50	51	6.4	100.0	4.3	100.0	42.3	20.4	4.5	-	0.5	11.0	8.6	146	149	96.1	0.0
a. (Ganglio)neuroblastoma	14	28	8	0	0	50	50	6.4	100.0	4.2	98.0	42.3	20.4	4.5	-	-	11.0	8.5	146	146	96.0	0.0
b. Peripheral nervous	0	0	0	0	1	0	1	-	-	0.1	2.0	-	-	-	-	0.5	-	0.1	-	3	100.0	0.0
V RETINOBLASTOMA	4	3	1	0	0	8	8	1.0	100.0	0.7	100.0	12.1	2.2	0.6	-	-	1.8	1.4	23	23	50.0	0.0
VI RENAL TUMOURS	8	20	6	0	2	34	36	4.4	100.0	3.0	100.0	24.2	14.6	3.4	-	1.1	7.5	6.0	99	105	97.2	0.0
a. Nephroblastoma	8	20	6	0	0	34	34	4.4	100.0	2.8	94.4	24.2	14.6	3.4	-	-	7.5	5.8	99	99	97.1	0.0
b. Renal carcinoma	0	0	0	0	2	0	2	-	-	0.2	5.6	-	-	-	-	1.1	-	0.2	-	5	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	2	6	0	1	1	9	10	1.2	100.0	0.8	100.0	6.0	4.4	-	0.6	0.5	2.0	1.7	26	29	90.0	0.0
a. Hepatoblastoma	2	6	0	0	0	8	8	1.0	88.9	0.7	80.0	6.0	4.4	-	-	-	1.8	1.4	23	23	87.5	0.0
b. Hepatic carcinoma	0	0	0	1	1	1	2	0.1	11.1	0.2	20.0	-	-	-	0.6	0.5	0.2	0.2	3	5	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	3	8	18	38	29	67	3.7	100.0	5.6	100.0	-	2.2	4.5	9.9	20.6	5.0	8.5	81	184	97.0	0.0
a. Osteosarcoma	0	0	4	7	24	11	35	1.4	37.9	2.9	52.2	-	-	2.3	3.9	13.0	1.8	4.4	31	96	100.0	0.0
b. Chondrosarcoma	0	0	0	0	1	0	1	-	-	0.1	1.5	-	-	-	-	0.5	-	0.1	-	3	100.0	0.0
c. Ewing & related	0	3	3	11	10	17	27	2.2	58.6	2.3	40.3	-	2.2	1.7	6.1	5.4	3.0	3.5	48	75	96.3	0.0
d. Other specified	0	0	0	0	1	0	1	-	-	0.1	1.5	-	-	-	-	0.5	-	0.1	-	3	100.0	0.0
e. Unspecified	0	0	1	0	2	1	3	0.1	3.4	0.3	4.5	-	-	0.6	-	1.1	0.2	0.4	3	8	66.7	0.0
IX SOFT TISSUE SARCOMA	2	14	14	16	36	46	82	5.9	100.0	6.8	100.0	6.0	10.2	7.9	8.8	19.6	8.7	11.2	131	228	100.0	0.0
a. Rhabdomyosarcoma	1	9	7	3	4	20	24	2.6	43.5	2.0	29.3	3.0	6.6	4.0	1.7	2.2	4.0	3.6	57	68	100.0	0.0
b. Fibrosarcoma	1	0	3	1	6	5	11	0.6	10.9	0.9	13.4	3.0	-	1.7	0.6	3.3	0.9	1.5	14	30	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	0	2	3	10	24	15	39	1.9	32.6	3.3	47.6	-	1.5	1.7	5.5	13.0	2.6	4.9	42	107	100.0	0.0
e. Unspecified	0	3	1	2	2	6	8	0.8	13.0	0.7	9.8	-	2.2	0.6	1.1	1.1	1.2	1.2	17	23	100.0	0.0
X GERM CELL TUMOURS	4	7	3	14	54	28	82	3.6	100.0	6.8	100.0	12.1	5.1	1.7	7.7	29.3	5.3	10.7	79	226	96.3	0.0
a. CNS germ cell	1	0	2	3	3	6	9	0.8	21.4	0.8	11.0	3.0	-	1.1	1.7	1.6	1.1	1.2	17	25	88.9	0.0
b. Other extragonadal	3	3	0	1	2	7	9	0.9	25.0	0.8	11.0	9.1	2.2	-	0.6	1.1	1.5	1.4	20	26	88.9	0.0
c. Gonadal germ cell	0	4	1	10	43	15	58	1.9	53.6	4.8	70.7	-	2.9	0.6	5.5	23.4	2.7	7.3	42	159	98.3	0.0
d. Gonadal carcinoma	0	0	0	0	6	0	6	-	-	0.5	7.3	-	-	-	-	3.3	-	0.7	-	16	100.0	0.0
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XI CARCINOMA & MELANOMA	0	1	7	31	92	39	131	5.0	100.0	10.9	100.0	-	0.7	4.0	17.1	50.0	6.5	16.3	108	358	99.2	0.8
a. Adrenocortical	0	0	0	0	1	0	1	-	-	0.1	0.8	-	-	-	-	0.5	-	0.1	-	3	100.0	0.0
b. Thyroid	0	1	1	12	40	14	54	1.8	35.9	4.5	41.2	-	0.7	0.6	6.6	21.7	2.3	6.7	39	147	100.0	0.0
c. Nasopharyngeal	0	0	0	1	1	1	2	0.1	2.6	0.2	1.5	-	-	-	0.6	0.5	0.2	0.2	3	5	100.0	0.0
d. Melanoma	0	0	1	5	23	6	29	0.8	15.4	2.4	22.1	-	-	0.6	2.8	12.5	1.0	3.6	17	79	96.6	3.4
e. Skin carcinoma	0	0	4	5	18	9	27	1.2	23.1	2.3	20.6	-	-	2.3	2.8	9.8	1.5	3.4	25	74	100.0	0.0
f. Other & unspecified	0	0	1	8	9	9	18	1.2	23.1	1.5	13.7	-	-	0.6	4.4	4.9	1.5	2.2	25	49	100.0	0.0
XII OTHER & UNSPECIFIED	0	1	1	0	1	2	3	0.3	100.0	0.3	100.0	-	0.7	0.6	-	0.5	0.4	0.4	6	8	100.0	0.0
a. Other specified	0	1	1	0	1	2	3	0.3	100.0	0.3	100.0	-	0.7	0.6	-	0.5	0.4	0.4	6	8	100.0	0.0
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	58	275	201	244	421	778	1199	100.0	100.0	100.0	100.0	175.1	200.1	113.8	134.4	228.7	151.3	168.7	2217	3361	93.7	0.1

† includes 76 non-malignant

Please consult the quality indicators for this registry

CANADA, Manitoba (1992-2013)

	Males										M/F ratio		Females									
	Number of cases in age groups					ASR per million					0-14	0-19	Number of cases in age groups					ASR per million				
	0	1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19	0			1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19		
I LEUKAEMIA	7	61	45	24	30	137	167	53.7	48.8	1.2	1.3	7	50	26	35	15	118	133	47.7	40.7		
a. Lymphoid	4	57	40	18	13	119	132	47.0	39.5	1.3	1.4	4	45	19	21	7	89	96	36.8	30.3		
b. Acute myeloid	2	2	1	4	12	9	21	3.4	5.5	0.4	0.7	3	4	4	11	7	22	29	8.4	8.2		
c. CMD	0	1	2	1	3	4	7	1.5	1.9	0.8	1.2	0	0	2	3	1	5	6	1.7	1.6		
d. MDS & other	1	1	1	1	2	4	6	1.6	1.7	4.0	6.0	0	0	1	0	0	1	1	0.4	0.3		
e. Unspecified	0	0	1	0	0	1	1	0.4	0.3	1.0	1.0	0	1	0	0	0	1	1	0.5	0.4		
II LYMPHOMA & RELATED	1	5	15	23	41	44	85	15.2	21.5	1.4	1.1	1	7	6	18	46	32	78	11.9	20.7		
a. Hodgkin	0	0	4	8	27	12	39	3.9	9.5	1.2	0.8	0	0	2	8	37	10	47	3.4	11.9		
b. Non-Hodgkin except BL	0	3	6	9	13	18	31	6.3	8.0	1.2	1.3	0	4	3	8	8	15	23	5.6	6.4		
c. Burkitt (BL)	0	1	2	4	1	7	8	2.4	2.1	1.4	1.6	0	2	1	2	0	5	5	2.0	1.5		
d. Lymphoreticular	1	1	3	2	0	7	7	2.6	2.0	3.5	2.3	1	1	0	0	1	2	3	0.9	1.0		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	1	33	39	36	29	109	138	40.2	38.1	1.2	1.1	7	36	22	28	35	93	128	37.4	37.8		
a. Ependymoma	1	3	4	0	4	8	12	3.2	3.4	0.6	0.9	0	7	3	3	1	13	14	5.4	4.4		
b. Astrocytoma	0	17	14	19	10	50	60	18.5	16.7	1.4	1.2	1	17	7	11	14	36	50	14.6	14.8		
c. CNS embryonal	0	8	7	7	4	22	26	8.2	7.3	1.6	1.9	3	5	4	2	0	14	14	5.9	4.6		
d. Other gliomas	0	2	4	4	5	10	15	3.6	4.0	1.0	1.0	0	3	5	2	5	10	15	3.9	4.3		
e. Other specified	0	2	8	5	5	15	20	5.3	5.3	0.9	0.7	2	3	1	10	12	16	28	6.0	7.6		
f. Unspecified CNS	0	1	2	1	1	4	5	1.5	1.4	1.0	0.7	1	1	2	0	3	4	7	1.7	2.1		
IV NEUROBLASTOMA	8	13	4	0	0	25	25	10.7	8.3	1.0	1.0	6	15	4	0	1	25	26	11.3	9.0		
a. (Ganglio)neuroblastoma	8	13	4	0	0	25	25	10.7	8.3	1.0	1.0	6	15	4	0	0	25	25	11.3	8.7		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.3		
V RETINOBLASTOMA	2	3	0	0	0	5	5	2.2	1.7	1.7	1.7	2	0	1	0	0	3	3	1.3	1.0		
VI RENAL TUMOURS	3	10	4	0	0	17	17	7.2	5.6	1.0	0.9	5	10	2	0	2	17	19	7.7	6.5		
a. Nephroblastoma	3	10	4	0	0	17	17	7.2	5.6	1.0	1.0	5	10	2	0	0	17	17	7.7	6.0		
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	0.5		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	1	4	0	1	0	6	6	2.5	2.0	2.0	1.5	1	2	0	0	1	3	4	1.4	1.3		
a. Hepatoblastoma	1	4	0	0	0	5	5	2.2	1.7	1.7	1.7	1	2	0	0	0	3	3	1.4	1.1		
b. Hepatic carcinoma	0	0	0	1	0	1	1	0.3	0.2	-	1.0	0	0	0	0	1	0	1	-	0.3		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	2	3	9	22	14	36	4.8	8.9	0.9	1.2	0	1	5	9	16	15	31	5.3	8.1		
a. Osteosarcoma	0	0	2	4	13	6	19	2.0	4.6	1.2	1.2	0	0	2	3	11	5	16	1.7	4.1		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.3		
c. Ewing & related	0	2	1	5	8	8	16	2.8	4.1	0.9	1.5	0	1	2	6	2	9	11	3.2	3.0		
d. Other specified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.3		
e. Unspecified	0	0	0	0	1	0	1	-	0.2	0.0	0.5	0	0	1	0	1	1	2	0.4	0.5		
IX SOFT TISSUE SARCOMA	0	8	5	6	22	19	41	7.2	10.8	0.7	1.0	2	6	9	10	14	27	41	10.4	11.5		
a. Rhabdomyosarcoma	0	5	2	2	2	9	11	3.6	3.2	0.8	0.8	1	4	5	1	2	11	13	4.5	4.0		
b. Fibrosarcoma	0	0	1	0	2	1	3	0.4	0.8	0.3	0.4	1	0	2	1	4	4	8	1.5	2.2		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	1	1	3	16	5	21	1.7	5.2	0.5	1.2	0	1	2	7	8	10	18	3.5	4.7		
e. Unspecified	0	2	1	1	2	4	6	1.6	1.7	2.0	3.0	0	1	0	1	0	2	2	0.8	0.6		
X GERM CELL TUMOURS	3	4	2	3	39	12	51	4.8	13.0	0.8	1.6	1	3	1	11	15	16	31	5.8	8.3		
a. CNS germ cell	0	0	1	2	3	3	6	1.0	1.5	1.0	2.0	1	0	1	1	0	3	3	1.2	0.9		
b. Other extragonadal	3	1	0	1	1	5	6	2.1	1.9	2.5	2.0	0	2	0	0	1	2	3	0.9	1.0		
c. Gonadal germ cell	0	3	1	0	35	4	39	1.7	9.7	0.4	2.1	0	1	0	10	8	11	19	3.8	4.9		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	6	0	6	-	1.5		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
XI CARCINOMA & MELANOMA	0	0	3	10	20	13	33	4.2	8.0	0.5	0.3	0	1	4	21	72	26	98	8.9	24.9		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.3		
b. Thyroid	0	0	0	3	6	3	9	0.9	2.2	0.3	0.2	0	1	1	9	34	11	45	3.8	11.5		
c. Nasopharyngeal	0	0	0	1	1	1	2	0.3	0.5	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	0	0	2	8	2	10	0.6	2.4	0.5	0.5	0	0	1	3	15	4	19	1.4	4.8		
e. Skin carcinoma	0	0	2	2	4	4	8	1.3	2.0	0.8	0.4	0	0	2	3	14	5	19	1.7	4.9		
f. Other & unspecified	0	0	1	2	1	3	4	1.0	1.0	0.5	0.3	0	0	0	6	8	6	14	2.0	3.5		
XII OTHER & UNSPECIFIED	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	1	0	1	2	3	0.8	0.9		
a. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	1	0	1	2	3	0.8	0.9		
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
TOTAL	26	143	120	112	203	401	604	152.7	166.8	1.1	1.0	32	132	81	132	218	377	595	149.9	170.8		

† includes 34 non-malignant in males and 42 non-malignant in females

Please consult the quality indicators for this registry

CANADA, Manitoba (1992-2013)

	Age group	Males	Females
Person-years	0	169 411	161 738
	1-4	702 457	671 556
	5-9	904 705	861 305
	10-14	932 057	883 651
	15-19	943 261	897 797
Total	0-14	2 708 630	2 578 250
	0-19	3 651 891	3 476 047
Average annual population	0-14	123 120	117 193
	0-19	165 995	158 002

Please consult the quality indicators for this registry