

## CANADA, Alberta (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
<b>I LEUKAEMIA</b>	41	309	153	125	146	628	774	28.5	100.0	23.3	100.0	43.3	82.3	32.4	25.8	29.4	46.8	42.9	664	810	100.0	0.0
a. Lymphoid	18	259	133	83	64	493	557	22.4	78.5	16.7	72.0	19.0	69.0	28.2	17.2	12.9	36.9	31.5	521	586	100.0	0.0
b. Acute myeloid	15	39	13	26	49	93	142	4.2	14.8	4.3	18.3	15.8	10.4	2.8	5.4	9.9	6.9	7.6	98	147	100.0	0.0
c. CMD	1	3	3	9	25	16	41	0.7	2.5	1.2	5.3	1.1	0.8	0.6	1.9	5.0	1.1	2.0	17	42	100.0	0.0
d. MDS & other	6	5	2	5	5	18	23	0.8	2.9	0.7	3.0	6.3	1.3	0.4	1.0	1.0	1.3	1.3	19	24	100.0	0.0
e. Unspecified	1	3	2	2	3	8	11	0.4	1.3	0.3	1.4	1.1	0.8	0.4	0.4	0.6	0.6	0.6	8	11	100.0	0.0
<b>II LYMPHOMA &amp; RELATED</b>	9	52	82	121	258	264	522	12.0	100.0	15.7	100.0	9.5	13.8	17.4	25.0	51.9	17.9	25.5	277	536	98.9	0.0
a. Hodgkin	0	3	23	73	182	99	281	4.5	37.5	8.4	53.8	-	0.8	4.9	15.1	36.6	6.2	13.0	103	286	98.9	0.0
b. Non-Hodgkin except BL	0	30	32	31	53	93	146	4.2	35.2	4.4	28.0	-	8.0	6.8	6.4	10.7	6.5	7.5	98	151	100.0	0.0
c. Burkitt (BL)	0	6	20	11	16	37	53	1.7	14.0	1.6	10.2	-	1.6	4.2	2.3	3.2	2.5	2.7	39	55	100.0	0.0
d. Lymphoreticular	7	13	7	6	4	33	37	1.5	12.5	1.1	7.1	7.4	3.5	1.5	1.2	0.8	2.5	2.1	35	39	91.9	0.0
e. Unspecified	2	0	0	0	3	2	5	0.1	0.8	0.2	1.0	2.1	-	-	0.6	0.2	0.3	2	5	100.0	0.0	
<b>III CNS NEOPLASMS †</b>	43	159	182	150	167	534	701	24.2	100.0	21.1	100.0	45.4	42.3	38.6	31.0	33.6	38.1	37.1	563	731	80.3	0.0
a. Ependymoma	8	35	9	9	14	61	75	2.8	11.4	2.3	10.7	8.4	9.3	1.9	1.9	2.8	4.7	4.3	65	79	98.7	0.0
b. Astrocytoma	12	66	90	63	63	231	294	10.5	43.3	8.8	41.9	12.7	17.6	19.1	13.0	12.7	16.4	15.5	243	307	83.3	0.0
c. CNS embryonal	10	27	36	15	8	88	96	4.0	16.5	2.9	13.7	10.6	7.2	7.6	3.1	1.6	6.4	5.3	93	101	99.0	0.0
d. Other gliomas	2	15	31	18	22	66	88	3.0	12.4	2.6	12.6	2.1	4.0	6.6	3.7	4.4	4.6	4.6	70	92	28.4	0.0
e. Other specified	9	14	15	38	57	76	133	3.4	14.2	4.0	19.0	9.5	3.7	3.2	7.9	11.5	5.2	6.6	80	137	86.5	0.0
f. Unspecified CNS	2	2	1	7	3	12	15	0.5	2.2	0.5	2.1	2.1	0.5	0.2	1.4	0.6	0.8	0.8	13	16	60.0	0.0
<b>IV NEUROBLASTOMA</b>	68	70	15	9	6	162	168	7.4	100.0	5.0	100.0	71.8	18.6	3.2	1.9	1.2	12.9	10.3	172	178	97.6	0.0
a. (Ganglio)neuroblastoma	68	70	15	6	3	159	162	7.2	98.1	4.9	96.4	71.8	18.6	3.2	1.2	0.6	12.7	10.0	169	172	97.5	0.0
b. Peripheral nervous	0	0	0	3	3	3	6	0.1	1.9	0.2	3.6	-	-	-	0.6	0.6	0.2	0.3	3	6	100.0	0.0
<b>V RETINOBLASTOMA</b>	19	44	1	1	0	65	65	3.0	100.0	2.0	100.0	20.1	11.7	0.2	0.2	-	5.3	4.1	69	69	72.3	0.0
<b>VI RENAL TUMOURS</b>	14	77	36	8	5	135	140	6.1	100.0	4.2	100.0	14.8	20.5	7.6	1.7	1.0	10.4	8.3	143	148	95.0	0.0
a. Nephroblastoma	14	77	35	7	1	133	134	6.0	98.5	4.0	95.7	14.8	20.5	7.4	1.4	0.2	10.3	8.0	141	142	94.8	0.0
b. Renal carcinoma	0	0	1	1	4	2	6	0.1	1.5	0.2	4.3	-	-	0.2	0.2	0.8	0.1	0.3	2	6	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VII HEPATIC TUMOURS</b>	13	20	4	6	3	43	46	2.0	100.0	1.4	100.0	13.7	5.3	0.8	1.2	0.6	3.3	2.7	46	49	100.0	0.0
a. Hepatoblastoma	13	19	1	3	0	36	36	1.6	83.7	1.1	78.3	13.7	5.1	0.2	0.6	-	2.9	2.2	38	38	100.0	0.0
b. Hepatic carcinoma	0	1	3	3	3	7	10	0.3	16.3	0.3	21.7	-	0.3	0.6	0.6	0.6	0.5	0.5	7	10	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VIII BONE TUMOURS</b>	0	5	26	58	83	89	172	4.0	100.0	5.2	100.0	-	1.3	5.5	12.0	16.7	5.7	8.2	93	176	98.8	0.0
a. Osteosarcoma	0	2	17	38	47	57	104	2.6	64.0	3.1	60.5	-	0.5	3.6	7.9	9.5	3.6	4.9	59	107	100.0	0.0
b. Chondrosarcoma	0	0	0	0	5	0	5	-	-	0.2	2.9	-	-	-	-	1.0	-	0.2	-	5	100.0	0.0
c. Ewing & related	0	3	8	19	26	30	56	1.4	33.7	1.7	32.6	-	0.8	1.7	3.9	5.2	1.9	2.7	31	57	98.2	0.0
d. Other specified	0	0	1	1	5	2	7	0.1	2.2	0.2	4.1	-	-	0.2	0.2	1.0	0.1	0.3	2	7	85.7	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>IX SOFT TISSUE SARCOMA</b>	13	30	38	42	77	123	200	5.6	100.0	6.0	100.0	13.7	8.0	8.1	8.7	15.5	8.7	10.2	129	207	99.0	0.0
a. Rhabdomyosarcoma	5	22	24	17	12	68	80	3.1	55.3	2.4	40.0	5.3	5.9	5.1	3.5	2.4	4.9	4.3	72	84	98.8	0.0
b. Fibrosarcoma	3	1	2	7	10	13	23	0.6	10.6	0.7	11.5	3.2	0.3	0.4	1.4	2.0	0.9	1.1	14	24	95.7	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	4	6	11	15	46	36	82	1.6	29.3	2.5	41.0	4.2	1.6	2.3	3.1	9.3	2.5	4.0	38	84	100.0	0.0
e. Unspecified	1	1	1	3	9	6	15	0.3	4.9	0.5	7.5	1.1	0.3	0.2	0.6	1.8	0.4	0.7	6	15	100.0	0.0
<b>X GERM CELL TUMOURS</b>	11	13	12	35	122	71	193	3.2	100.0	5.8	100.0	11.6	3.5	2.5	7.2	24.6	4.9	9.3	74	197	96.9	0.0
a. CNS germ cell ‡	1	1	8	13	11	23	34	1.0	32.4	1.0	17.6	1.1	0.3	1.7	2.7	2.2	1.5	1.7	24	35	82.4	0.0
b. Other extragonadal	9	8	1	3	8	21	29	1.0	29.6	0.9	15.0	9.5	2.1	0.2	0.6	1.6	1.6	1.6	22	30	100.0	0.0
c. Gonadal germ cell	1	3	3	18	96	25	121	1.1	35.2	3.6	62.7	1.1	0.8	0.6	3.7	19.3	1.6	5.6	26	123	100.0	0.0
d. Gonadal carcinoma	0	0	0	1	5	1	6	0.0	1.4	0.2	3.1	-	-	-	0.2	1.0	0.1	0.3	1	6	100.0	0.0
e. Unspecified gonadal	0	1	0	0	2	1	3	0.0	1.4	0.1	1.6	-	0.3	-	-	0.4	0.1	0.2	1	3	100.0	0.0
<b>XI CARCINOMA &amp; MELANOMA</b>	3	1	13	67	257	84	341	3.8	100.0	10.2	100.0	3.2	0.3	2.8	13.9	51.7	5.2	15.7	87	346	99.4	0.0
a. Adrenocortical	1	0	0	1	1	2	3	0.1	2.4	0.1	0.9	1.1	-	-	0.2	0.2	0.1	0.2	2	3	100.0	0.0
b. Thyroid	0	0	6	17	97	23	120	1.0	27.4	3.6	35.2	-	-	1.3	3.5	19.5	1.4	5.5	24	122	100.0	0.0
c. Nasopharyngeal	0	0	0	2	3	2	5	0.1	2.4	0.2	1.5	-	-	-	0.4	0.6	0.1	0.2	2	5	100.0	0.0
d. Melanoma	2	1	0	7	57	10	67	0.5	11.9	2.0	19.6	2.1	0.3	-	1.4	11.5	0.7	3.1	10	68	97.0	0.0
e. Skin carcinoma	0	0	6	26	47	32	79	1.5	38.1	2.4	23.2	-	-	1.3	5.4	9.5	2.0	3.7	33	81	100.0	0.0
f. Other & unspecified	0	0	1	14	52	15	67	0.7	17.9	2.0	19.6	-	-	0.2	2.9	10.5	0.9	3.1	16	68	100.0	0.0
<b>XII OTHER &amp; UNSPECIFIED</b>	1	1	0	3	2	5	7	0.2	100.0	0.2	100.0	1.1	0.3	-	0.6	0.4	0.3	0.4	5	7	85.7	0.0
a. Other specified	1	1	0	2	1	4	5	0.2	80.0	0.2	71.4	1.1	0.3	-	0.4	0.2	0.3	0.3	4	5	100.0	0.0
b. Other unspecified	0	0	0	1	1	1</																

## CANADA, Alberta (1992-2013)

	Males									M/F ratio		Females										
	Number of cases in age groups									0-14	0-19	Number of cases in age groups									0-14	0-19
	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		
<b>I LEUKAEMIA</b>	19	171	84	84	75	358	433	51.4	46.5	1.3	1.3	22	138	69	41	71	270	341	41.8	39.1		
a. Lymphoid	10	139	78	54	38	281	319	40.6	34.8	1.3	1.3	8	120	55	29	26	212	238	33.0	28.0		
b. Acute myeloid	7	23	4	19	23	53	76	7.6	7.9	1.3	1.2	8	16	9	7	26	40	66	6.2	7.2		
c. CMD	1	3	1	7	8	12	20	1.6	1.9	3.0	1.0	0	0	2	2	17	4	21	0.5	2.0		
d. MDS & other	1	3	0	3	3	7	10	1.0	1.0	0.6	0.8	5	2	2	2	2	11	13	1.7	1.5		
e. Unspecified	0	3	1	1	3	5	8	0.7	0.8	1.7	2.7	1	0	1	1	0	3	3	0.4	0.3		
<b>II LYMPHOMA &amp; RELATED</b>	6	26	63	71	149	166	315	21.8	30.0	1.7	1.5	3	26	19	50	109	98	207	13.8	20.8		
a. Hodgkin	0	2	17	38	92	57	149	7.0	13.5	1.4	1.1	0	1	6	35	90	42	132	5.3	12.5		
b. Non-Hodgkin except BL	0	15	25	21	38	61	99	8.2	9.7	1.9	2.1	0	15	7	10	15	32	47	4.8	5.1		
c. Burkitt (BL)	0	3	18	8	14	29	43	3.8	4.2	3.6	4.3	0	3	2	3	2	8	10	1.2	1.1		
d. Lymphoreticular	5	6	3	4	3	18	21	2.6	2.3	1.2	1.3	2	7	4	2	1	15	16	2.3	1.9		
e. Unspecified	1	0	0	0	2	1	3	0.2	0.3	1.0	1.5	1	0	0	0	1	1	2	0.2	0.2		
<b>III CNS NEOPLASMS †</b>	23	97	93	80	88	293	381	41.0	39.5	1.2	1.2	20	62	89	70	79	241	320	35.0	34.5		
a. Ependymoma	5	23	6	6	6	40	46	6.0	5.2	1.9	1.6	3	12	3	3	8	21	29	3.3	3.3		
b. Astrocytoma	7	37	45	32	36	121	157	16.8	16.2	1.1	1.1	5	29	45	31	27	110	137	15.9	14.8		
c. CNS embryonal	5	19	22	7	5	53	58	7.6	6.3	1.5	1.5	5	8	14	8	3	35	38	5.2	4.3		
d. Other gliomas	0	9	10	9	13	28	41	3.8	4.1	0.7	0.9	2	6	21	9	9	38	47	5.4	5.0		
e. Other specified	5	7	10	21	25	43	68	5.7	6.6	1.3	1.0	4	7	5	17	32	33	65	4.7	6.6		
f. Unspecified CNS	1	2	0	5	3	8	11	1.1	1.1	2.0	2.8	1	0	1	2	0	4	4	0.6	0.4		
<b>IV NEUROBLASTOMA</b>	36	36	5	3	3	80	83	12.6	10.0	1.0	1.0	32	34	10	6	3	82	85	13.3	10.6		
a. (Ganglio)neuroblastoma	36	36	5	3	1	80	81	12.6	9.8	1.0	1.0	32	34	10	3	2	79	81	12.9	10.2		
b. Peripheral nervous	0	0	0	0	2	0	2	-	0.2	0.0	0.5	0	0	0	3	1	3	4	0.4	0.4		
<b>V RETINOBLASTOMA</b>	12	19	0	0	0	31	31	5.0	3.8	0.9	0.9	7	25	1	1	0	34	34	5.7	4.4		
<b>VI RENAL TUMOURS</b>	7	31	21	4	1	63	64	9.4	7.3	0.9	0.8	7	46	15	4	4	72	76	11.6	9.3		
a. Nephroblastoma	7	31	20	3	0	61	61	9.1	7.1	0.8	0.8	7	46	15	4	1	72	73	11.6	9.1		
b. Renal carcinoma	0	0	1	1	1	2	3	0.3	0.3	-	1.0	0	0	0	0	3	0	3	-	0.3		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VII HEPATIC TUMOURS</b>	10	10	3	5	3	28	31	4.2	3.5	1.9	2.1	3	10	1	1	0	15	15	2.5	1.9		
a. Hepatoblastoma	10	9	1	2	0	22	22	3.4	2.6	1.6	1.6	3	10	0	1	0	14	14	2.3	1.8		
b. Hepatic carcinoma	0	1	2	3	3	6	9	0.8	0.9	6.0	9.0	0	0	1	0	0	1	1	0.1	0.1		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VIII BONE TUMOURS</b>	0	3	11	28	48	42	90	5.2	8.3	0.9	1.1	0	2	15	30	35	47	82	6.2	8.0		
a. Osteosarcoma	0	1	7	16	30	24	54	3.0	4.9	0.7	1.1	0	1	10	22	17	33	50	4.3	4.9		
b. Chondrosarcoma	0	0	0	0	2	0	2	-	0.2	-	0.7	0	0	0	0	3	0	3	-	0.3		
c. Ewing & related	0	2	4	11	15	17	32	2.1	3.0	1.3	1.3	0	1	4	8	11	13	24	1.7	2.4		
d. Other specified	0	0	0	1	1	1	2	0.1	0.2	1.0	0.4	0	0	1	0	4	1	5	0.1	0.5		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>IX SOFT TISSUE SARCOMA</b>	10	19	19	19	42	67	109	9.4	11.0	1.2	1.2	3	11	19	23	35	56	91	7.9	9.4		
a. Rhabdomyosarcoma	5	15	12	8	9	40	49	5.7	5.2	1.4	1.6	0	7	12	9	3	28	31	4.0	3.4		
b. Fibrosarcoma	3	1	0	1	4	5	9	0.8	0.9	0.6	0.6	0	0	2	6	6	8	14	1.0	1.4		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	1	2	6	8	23	17	40	2.2	3.7	0.9	1.0	3	4	5	7	23	19	42	2.8	4.3		
e. Unspecified	1	1	1	2	6	5	11	0.7	1.1	5.0	2.8	0	0	0	1	3	1	4	0.1	0.4		
<b>X GERM CELL TUMOURS</b>	5	5	7	16	94	33	127	4.4	11.7	0.9	1.9	6	8	5	19	28	38	66	5.4	6.8		
a. CNS germ cell ‡	1	1	6	10	11	18	29	2.3	2.7	3.6	5.8	0	0	2	3	0	5	5	0.7	0.5		
b. Other extragonadal	3	1	1	2	6	7	13	1.0	1.3	0.5	0.8	6	7	0	1	2	14	16	2.3	2.0		
c. Gonadal germ cell	1	3	0	4	77	8	85	1.1	7.6	0.5	2.4	0	0	3	14	19	17	36	2.1	3.4		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	5	1	6	0.1	0.6		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	2	1	3	0.2	0.3		
<b>XI CARCINOMA &amp; MELANOMA</b>	2	1	6	31	91	40	131	4.9	11.8	0.9	0.6	1	0	7	36	166	44	210	5.6	19.8		
a. Adrenocortical	0	0	0	1	0	1	1	0.1	0.1	1.0	0.5	1	0	0	0	1	1	2	0.2	0.2		
b. Thyroid	0	0	3	5	21	8	29	1.0	2.6	0.5	0.3	0	0	3	12	76	15	91	1.9	8.6		
c. Nasopharyngeal	0	0	0	2	1	2	3	0.2	0.3	-	1.5	0	0	0	0	2	0	2	-	0.2		
d. Melanoma	2	1	0	4	25	7	32	0.9	2.9	2.3	0.9	0	0	0	3	32	3	35	0.4	3.3		
e. Skin carcinoma	0	0	2	13	25	15	40	1.8	3.6	0.9	1.0	0	0	4	13	22	17	39	2.2	3.7		
f. Other & unspecified	0	0	1	6	19	7	26	0.8	2.3	0.9	0.6	0	0	0	8	33	8	41	1.0	3.8		
<b>XII OTHER &amp; UNSPECIFIED</b>	0	1	0	2	1	3	4	0.4	0.4	1.5	1.3	1	0	0	1	1	2	3	0.3	0.3		
a. Other specified	0	1	0	1	0	2	2	0.3	0.2	1.0	0.7	1	0	0	1	1	2	3	0.3	0.3		
b. Other unspecified	0	0	0	1	1	1	2	0.1	0.2	-	-	0	0	0	0	0	0	0	-	-		
<b>TOTAL</b>	130	419	312	343	595	1204	1799	169.6	183.8	1.2	1.2	105	362	250	282	531	999	1530	149.0	165.0		

† includes 112 non-malignant in males and 99 non-malignant in females ‡ includes 1 non-malignant in females

Please consult the quality indicators for this registry

## CANADA, Alberta (1992-2013)

	Age group	Males	Females
Person-years	0	485 979	461 523
	1-4	1 930 461	1 825 535
	5-9	2 422 189	2 293 296
	10-14	2 483 744	2 352 688
	15-19	2 558 025	2 411 296
Total	0-14	7 322 373	6 933 042
	0-19	9 880 398	9 344 338
Average annual population	0-14	332 835	315 138
	0-19	449 109	424 743

Please consult the quality indicators for this registry