

## USA, Vermont (1998-2012)

	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	0-19
<b>I LEUKAEMIA</b>	3	43	30	26	22	102	124	38.1	100.0	27.7	100.0	31.8	108.3	54.1	41.4	31.1	65.7	57.9	946	1101	98.4	0.0	
a. Lymphoid	0	37	26	20	14	83	97	31.0	81.4	21.7	78.2	-	93.2	46.9	31.9	19.8	53.5	45.9	770	869	97.9	0.0	
b. Acute myeloid	2	5	2	3	6	12	18	4.5	11.8	4.0	14.5	21.2	12.6	3.6	4.8	8.5	8.1	8.2	113	156	100.0	0.0	
c. CMD	1	0	1	1	1	3	4	1.1	2.9	0.9	3.2	10.6	-	1.8	1.6	1.4	1.8	1.7	27	34	100.0	0.0	
d. MDS & other	0	1	1	2	0	4	4	1.5	3.9	0.9	3.2	-	2.5	1.8	3.2	-	2.3	1.8	35	35	100.0	0.0	
e. Unspecified	0	0	0	0	1	0	1	-	-	0.2	0.8	-	-	-	1.4	-	0.3	-	7	7	100.0	0.0	
<b>II LYMPHOMA &amp; RELATED</b>	2	0	13	17	38	32	70	11.9	100.0	15.6	100.0	21.2	-	23.4	27.1	53.7	17.0	25.3	273	541	98.6	0.0	
a. Hodgkin	0	0	4	8	29	12	41	4.5	37.5	9.2	58.6	-	-	7.2	12.8	41.0	6.0	13.9	100	305	100.0	0.0	
b. Non-Hodgkin except BL	1	0	5	7	8	13	21	4.9	40.6	4.7	30.0	10.6	-	9.0	11.2	11.3	6.9	7.9	111	168	95.2	0.0	
c. Burkitt (BL)	0	0	4	2	0	6	6	2.2	18.8	1.3	8.6	-	-	7.2	3.2	-	3.3	2.5	52	52	100.0	0.0	
d. Lymphoreticular	1	0	0	0	0	1	1	0.4	3.1	0.2	1.4	10.6	-	-	-	-	0.8	0.6	10	10	100.0	0.0	
e. Unspecified	0	0	0	0	1	0	1	-	-	0.2	1.4	-	-	-	-	1.4	-	0.3	-	7	7	100.0	0.0
<b>III CNS NEOPLASMS †</b>	4	8	14	22	37	48	85	17.9	100.0	19.0	100.0	42.5	20.1	25.2	35.1	52.3	27.8	33.3	424	685	70.6	0.0	
a. Ependymoma	0	1	0	2	3	3	6	1.1	6.3	1.3	7.1	-	2.5	-	3.2	4.2	1.7	2.3	26	47	100.0	0.0	
b. Astrocytoma	2	1	5	4	9	12	21	4.5	25.0	4.7	24.7	21.2	2.5	9.0	6.4	12.7	7.1	8.4	107	171	90.5	0.0	
c. CNS embryonal	1	2	5	3	5	11	16	4.1	22.9	3.6	18.8	10.6	5.0	9.0	4.8	7.1	6.7	6.8	100	135	100.0	0.0	
d. Other gliomas	0	1	2	4	2	7	9	2.6	14.6	2.0	10.6	-	2.5	3.6	6.4	2.8	3.8	3.6	60	74	33.3	0.0	
e. Other specified	1	1	2	9	17	13	30	4.9	27.1	6.7	35.3	10.6	2.5	3.6	14.3	24.0	6.9	10.8	110	230	46.7	0.0	
f. Unspecified CNS	0	2	0	0	1	2	3	0.7	4.2	0.7	3.5	-	5.0	-	-	1.4	1.6	1.5	20	27	66.7	0.0	
<b>IV NEUROBLASTOMA</b>	7	7	3	1	1	18	19	6.7	100.0	4.2	100.0	74.3	17.6	5.4	1.6	1.4	13.2	10.6	177	185	100.0	0.0	
a. (Ganglio)neuroblastoma	7	7	2	1	1	17	18	6.3	94.4	4.0	94.7	74.3	17.6	3.6	1.6	1.4	12.7	10.1	168	176	100.0	0.0	
b. Peripheral nervous	0	0	1	0	0	1	1	0.4	5.6	0.2	5.3	-	-	1.8	-	-	0.6	0.5	9	9	100.0	0.0	
<b>V RETINOBLASTOMA</b>	1	3	1	0	0	5	5	1.9	100.0	1.1	100.0	10.6	7.6	1.8	-	-	3.7	2.9	50	50	100.0	0.0	
<b>VI RENAL TUMOURS</b>	0	4	5	0	0	9	9	3.4	100.0	2.0	100.0	-	10.1	9.0	-	-	6.1	4.7	86	86	100.0	0.0	
a. Nephroblastoma	0	4	5	0	0	9	9	3.4	100.0	2.0	100.0	-	10.1	9.0	-	-	6.1	4.7	86	86	100.0	0.0	
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>VII HEPATIC TUMOURS</b>	2	1	0	1	1	4	5	1.5	100.0	1.1	100.0	21.2	2.5	-	1.6	1.4	2.8	2.5	38	46	100.0	0.0	
a. Hepatoblastoma	2	1	0	0	0	3	3	1.1	75.0	0.7	60.0	21.2	2.5	-	-	-	2.4	1.8	31	31	100.0	0.0	
b. Hepatic carcinoma	0	0	0	1	1	1	2	0.4	25.0	0.4	40.0	-	-	-	1.6	1.4	0.5	0.7	8	15	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>VIII BONE TUMOURS</b>	0	0	5	6	11	11	22	4.1	100.0	4.9	100.0	-	-	9.0	9.6	15.5	5.7	7.9	93	171	100.0	0.0	
a. Osteosarcoma	0	0	4	5	8	9	17	3.4	81.8	3.8	77.3	-	-	7.2	8.0	11.3	4.6	6.1	76	132	100.0	0.0	
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
c. Ewing & related	0	0	1	1	1	2	3	0.7	18.2	0.7	13.6	-	-	1.8	1.6	1.4	1.0	1.1	17	24	100.0	0.0	
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified	0	0	0	0	2	0	2	-	-	0.4	9.1	-	-	-	-	2.8	-	0.6	-	14	14	100.0	0.0
<b>IX SOFT TISSUE SARCOMA</b>	0	4	5	12	9	21	30	7.8	100.0	6.7	100.0	-	10.1	9.0	19.1	12.7	11.6	11.9	181	245	96.7	3.3	
a. Rhabdomyosarcoma	0	3	3	3	3	9	12	3.4	42.9	2.7	40.0	-	7.6	5.4	4.8	4.2	5.5	5.2	81	103	100.0	0.0	
b. Fibrosarcoma	0	0	1	2	1	3	4	1.1	14.3	0.9	13.3	-	-	1.8	3.2	1.4	1.5	1.5	25	32	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	0	0	1	4	4	5	9	1.9	23.8	2.0	30.0	-	-	1.8	6.4	5.7	2.4	3.2	41	69	100.0	0.0	
e. Unspecified	0	1	0	3	1	4	5	1.5	19.0	1.1	16.7	-	2.5	-	4.8	1.4	2.2	2.0	34	41	80.0	20.0	
<b>X GERM CELL TUMOURS</b>	3	2	1	1	20	7	27	2.6	100.0	6.0	100.0	31.8	5.0	1.8	1.6	28.3	5.0	10.2	68	209	88.9	0.0	
a. CNS germ cell ‡	0	1	0	0	2	1	3	0.4	14.3	0.7	11.1	-	2.5	-	-	2.8	0.8	1.2	10	24	33.3	0.0	
b. Other extragonadal	2	1	0	0	1	3	4	1.1	42.9	0.9	14.8	21.2	2.5	-	-	1.4	2.4	2.1	31	38	100.0	0.0	
c. Gonadal germ cell	0	0	1	0	17	1	18	0.4	14.3	4.0	66.7	-	-	1.8	-	24.0	0.6	5.9	9	129	100.0	0.0	
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified gonadal	1	0	0	1	0	2	2	0.7	28.6	0.4	7.4	10.6	-	-	1.6	-	1.3	1.0	18	18	50.0	0.0	
<b>XI CARCINOMA &amp; MELANOMA</b>	1	1	3	6	41	11	52	4.1	100.0	11.6	100.0	10.6	2.5	5.4	9.6	57.9	6.1	17.8	95	385	98.1	0.0	
a. Adrenocortical	1	0	0	0	0	1	1	0.4	9.1	0.2	1.9	10.6	-	-	-	-	0.8	0.6	10	10	100.0	0.0	
b. Thyroid	0	1	1	2	19	4	23	1.5	36.4	5.1	44.2	-	2.5	1.8	3.2	26.8	2.3	7.8	35	169	100.0	0.0	
c. Nasopharyngeal	0	0	0	0	1	0	1	-	-	0.2	1.9	-	-	-	-	1.4	-	0.3	-	7	7	100.0	0.0
d. Melanoma	0	0	1	4	14	5	19	1.9	45.5	4.2	36.5	-	-	1.8	6.4	19.8	2.4	6.3	41	140	94.7	0.0	
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
f. Other & unspecified	0	0	1	0	7	1	8	0.4	9.1	1.8	15.4	-	-	1.8	-	9.9	0.6	2.7	9	58	100.0	0.0	
<b>XII OTHER &amp; UNSPECIFIED</b>	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL</b>	23	73	80	92	180	268	448	100.0	100.0	100.0	100.0	244.1	183.8	144.2	146.7	254.3	164.7	184.9	2431	3703	92.6	0.2	

† includes 30 non-malignant ‡ includes 1 non-malignant

Please consult the quality indicators for this registry

## USA, Vermont (1998-2012)

	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		
<b>I LEUKAEMIA</b>	2	26	16	13	19	57	76	72.7	68.1	1.3	1.6	1	17	14	13	3	45	48	58.3	47.1		
a. Lymphoid	0	21	14	11	12	46	58	57.9	52.3	1.2	1.5	0	16	12	9	2	37	39	48.8	39.2		
b. Acute myeloid	1	5	2	1	5	9	14	12.4	12.7	3.0	3.5	1	0	0	2	1	3	4	3.5	3.4		
c. CMD	1	0	0	0	1	1	2	1.5	1.8	0.5	1.0	0	0	1	1	0	2	2	2.1	1.7		
d. MDS & other	0	0	0	1	0	1	1	0.9	0.7	0.3	0.3	0	1	1	1	0	3	3	3.8	2.9		
e. Unspecified	0	0	0	0	1	0	1	-	0.6	-	-	0	0	0	0	0	0	0	-	-		
<b>II LYMPHOMA &amp; RELATED</b>	1	0	7	11	18	19	37	19.4	26.1	1.5	1.1	1	0	6	6	20	13	33	14.5	24.3		
a. Hodgkin	0	0	2	5	12	7	19	6.8	12.7	1.4	0.9	0	0	2	3	17	5	22	5.2	15.2		
b. Non-Hodgkin except BL	0	0	1	4	5	5	10	4.7	6.8	0.6	0.9	1	0	4	3	3	8	11	9.3	9.1		
c. Burkitt (BL)	0	0	4	2	0	6	6	6.3	4.9	-	-	0	0	0	0	0	0	0	-	-		
d. Lymphoreticular	1	0	0	0	0	1	1	1.5	1.2	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	1	0	1	-	0.6	-	-	0	0	0	0	0	0	0	-	-		
<b>III CNS NEOPLASMS †</b>	2	4	10	15	14	31	45	34.0	35.0	1.8	1.1	2	4	4	7	23	17	40	21.2	31.5		
a. Ependymoma	0	0	0	1	1	1	2	0.9	1.3	0.5	0.5	0	1	0	1	2	2	4	2.6	3.3		
b. Astrocytoma	2	1	3	3	3	9	12	10.7	10.1	3.0	1.3	0	0	2	1	6	3	9	3.3	6.5		
c. CNS embryonal	0	1	4	1	4	6	10	7.0	7.9	1.2	1.7	1	1	1	2	1	5	6	6.3	5.6		
d. Other gliomas	0	1	2	3	1	6	7	6.5	5.7	6.0	3.5	0	0	0	1	1	1	2	1.0	1.4		
e. Other specified	0	0	1	7	4	8	12	7.4	8.2	1.6	0.7	1	1	1	2	13	5	18	6.3	13.4		
f. Unspecified CNS	0	1	0	0	1	1	2	1.5	1.8	1.0	2.0	0	1	0	0	0	1	1	1.6	1.3		
<b>IV NEUROBLASTOMA</b>	2	6	1	0	0	9	9	13.4	10.4	1.0	0.9	5	1	2	1	1	9	10	13.1	10.8		
a. (Ganglio)neuroblastoma	2	6	1	0	0	9	9	13.4	10.4	1.1	1.0	5	1	1	1	1	8	9	11.9	9.9		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	0	1	1	1.2	0.9		
<b>V RETINOBLASTOMA</b>	1	0	0	0	0	1	1	1.5	1.2	0.3	0.3	0	3	1	0	0	4	4	6.1	4.7		
<b>VI RENAL TUMOURS</b>	0	1	3	0	0	4	4	4.9	3.8	0.8	0.8	0	3	2	0	0	5	5	7.3	5.6		
a. Nephroblastoma	0	1	3	0	0	4	4	4.9	3.8	0.8	0.8	0	3	2	0	0	5	5	7.3	5.6		
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VII HEPATIC TUMOURS</b>	1	0	0	0	1	1	2	1.5	1.8	0.3	0.7	1	1	0	1	0	3	3	4.2	3.3		
a. Hepatoblastoma	1	0	0	0	0	1	1	1.5	1.2	0.5	0.5	1	1	0	0	0	2	2	3.2	2.5		
b. Hepatic carcinoma	0	0	0	0	1	0	1	-	0.6	0.0	1.0	0	0	0	1	0	1	1	1.0	0.7		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VIII BONE TUMOURS</b>	0	0	1	3	9	4	13	3.8	8.5	0.6	1.4	0	0	4	3	2	7	9	7.6	7.2		
a. Osteosarcoma	0	0	1	3	8	4	12	3.8	7.9	0.8	2.4	0	0	3	2	0	5	5	5.5	4.3		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	0	0	1	0	1	-	0.6	0.0	0.5	0	0	1	1	0	2	2	2.1	1.7		
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	1.3		
<b>IX SOFT TISSUE SARCOMA</b>	0	3	4	5	5	12	17	13.6	13.7	1.3	1.3	0	1	1	7	4	9	13	9.5	10.0		
a. Rhabdomyosarcoma	0	3	2	1	1	6	7	7.8	6.6	2.0	1.4	0	0	1	2	2	3	5	3.1	3.7		
b. Fibrosarcoma	0	0	1	1	0	2	2	2.0	1.6	2.0	1.0	0	0	0	1	1	1	2	1.0	1.4		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	0	1	0	4	1	5	1.1	3.3	0.3	1.3	0	0	0	4	0	4	4	3.8	3.0		
e. Unspecified	0	0	0	3	0	3	3	2.7	2.1	3.0	1.5	0	1	0	0	1	1	2	1.6	1.9		
<b>X GERM CELL TUMOURS</b>	2	2	0	0	14	4	18	6.1	13.4	1.3	2.0	1	0	1	1	6	3	9	3.8	6.8		
a. CNS germ cell ‡	0	1	0	0	2	1	3	1.5	2.4	-	-	0	0	0	0	0	0	0	-	-		
b. Other extragonadal	1	1	0	0	0	2	2	3.1	2.4	2.0	1.0	1	0	0	0	1	1	2	1.6	1.9		
c. Gonadal germ cell	0	0	0	0	12	0	12	-	7.4	0.0	2.0	0	0	1	0	5	1	6	1.2	4.2		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified gonadal	1	0	0	0	0	1	1	1.5	1.2	1.0	1.0	0	0	0	1	0	1	1	1.0	0.7		
<b>XI CARCINOMA &amp; MELANOMA</b>	1	1	1	2	11	5	16	6.0	11.4	0.8	0.4	0	0	2	4	30	6	36	6.2	24.5		
a. Adrenocortical	1	0	0	0	0	1	1	1.5	1.2	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	1	1	1	3	3	6	3.6	4.6	3.0	0.4	0	0	0	1	16	1	17	1.0	11.2		
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.7		
d. Melanoma	0	0	0	1	6	1	7	0.9	4.4	0.3	0.6	0	0	1	3	8	4	12	4.1	8.4		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	0	0	2	0	2	-	1.2	0.0	0.3	0	0	1	0	5	1	6	1.2	4.2		
<b>XII OTHER &amp; UNSPECIFIED</b>	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>TOTAL</b>	12	43	43	49	91	147	238	177.1	193.5	1.2	1.1	11	30	37	43	89	121	210	151.6	175.8		

† includes 12 non-malignant in males and 18 non-malignant in females ‡ includes 1 non-malignant in males

Please consult the quality indicators for this registry

## USA, Vermont (1998-2012)

	Age group	Males	Females
Person-years	0	49 214	45 001
	1-4	203 479	193 666
	5-9	284 475	270 257
	10-14	322 423	304 858
	15-19	364 305	343 543
Total	0-14	859 591	813 782
	0-19	1 223 896	1 157 325
Average annual population	0-14	57 306	54 252
	0-19	81 593	77 155

Please consult the quality indicators for this registry