



## USA, Minnesota, NH White (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>	16	144	81	65	87	306	393	51.6	48.2	1.2	1.3	17	125	65	55	47	262	309	46.6	40.7		
a. Lymphoid	4	120	65	38	52	227	279	38.8	35.0	1.1	1.3	9	104	52	36	18	201	219	36.1	29.7		
b. Acute myeloid	5	12	8	17	24	42	66	6.7	7.4	1.2	1.2	6	10	6	12	20	34	54	5.8	6.5		
c. CMD	0	0	1	1	6	2	8	0.3	0.8	0.4	0.6	0	1	3	1	8	5	13	0.8	1.4		
d. MDS & other	6	4	1	5	2	16	18	2.7	2.3	1.8	2.0	1	6	1	1	0	9	9	1.7	1.3		
e. Unspecified	1	8	6	4	3	19	22	3.2	2.7	1.5	1.6	1	4	3	5	1	13	14	2.2	1.8		
<b>II LYMPHOMA &amp; RELATED</b>	7	23	36	70	125	136	261	20.2	27.5	1.7	1.3	2	14	16	50	115	82	197	12.5	21.1		
a. Hodgkin	0	1	7	32	75	40	115	5.3	11.2	1.2	1.0	0	0	2	32	80	34	114	4.6	11.5		
b. Non-Hodgkin except BL	0	8	11	25	40	44	84	6.4	8.7	1.4	1.4	0	9	9	14	30	32	62	5.1	6.9		
c. Burkitt (BL)	0	8	16	10	6	34	40	5.2	4.6	6.8	5.7	0	0	3	2	2	5	7	0.7	0.8		
d. Lymphoreticular	7	5	2	3	2	17	19	3.0	2.5	1.7	1.5	2	4	2	2	3	10	13	1.8	1.7		
e. Unspecified	0	1	0	0	2	1	3	0.2	0.3	1.0	3.0	0	1	0	0	0	1	1	0.2	0.2		
<b>III CNS NEOPLASMS †</b>	15	70	70	85	70	240	310	37.9	36.0	1.2	1.1	16	69	62	61	64	208	272	35.3	33.7		
a. Ependymoma	2	11	14	8	6	35	41	5.7	5.0	1.3	1.4	4	14	4	5	2	27	29	5.0	4.0		
b. Astrocytoma	4	33	27	45	44	109	153	17.0	17.3	1.0	1.1	3	30	35	36	32	104	136	17.1	16.4		
c. CNS embryonal	5	17	18	11	4	51	55	8.4	6.9	1.4	1.3	7	13	8	9	4	37	41	6.5	5.5		
d. Other gliomas	0	2	4	8	3	14	17	2.0	1.8	1.1	0.8	0	5	5	3	8	13	21	2.2	2.5		
e. Other specified	3	7	7	12	13	29	42	4.5	4.7	1.4	1.1	1	6	7	7	18	21	39	3.5	4.5		
f. Unspecified CNS	1	0	0	1	0	2	2	0.3	0.2	0.3	0.3	1	1	3	1	0	6	6	1.0	0.8		
<b>IV NEUROBLASTOMA</b>	28	42	7	1	2	78	80	14.8	11.6	1.4	1.4	27	20	6	1	3	54	57	10.6	8.5		
a. (Ganglioneuroblastoma	28	42	7	1	1	78	79	14.8	11.6	1.4	1.4	27	20	6	1	3	54	57	10.6	8.5		
b. Peripheral nervous	0	0	0	0	1	0	1	-	0.1	-	-	0	0	0	0	0	0	0	-	-		
<b>V RETINOBLASTOMA</b>	3	10	0	0	0	13	13	2.5	2.0	0.6	0.6	6	15	2	0	0	23	23	4.6	3.6		
<b>VI RENAL TUMOURS</b>	9	42	20	4	0	75	75	13.4	10.4	1.4	1.4	2	36	10	4	1	52	53	9.8	7.7		
a. Nephroblastoma	9	42	19	3	0	73	73	13.2	10.2	1.4	1.4	2	36	10	4	0	52	52	9.8	7.6		
b. Renal carcinoma	0	0	1	1	0	2	2	0.3	0.2	-	2.0	0	0	0	0	1	0	1	-	0.1		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VII HEPATIC TUMOURS</b>	2	13	2	3	2	20	22	3.6	3.0	2.0	1.5	0	6	1	3	5	10	15	1.8	1.9		
a. Hepatoblastoma	2	13	1	2	0	18	18	3.3	2.6	2.0	1.8	0	6	1	2	1	9	10	1.6	1.4		
b. Hepatic carcinoma	0	0	1	1	2	2	4	0.3	0.4	2.0	0.8	0	0	0	1	4	1	5	0.1	0.5		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VIII BONE TUMOURS</b>	0	3	17	25	51	45	96	6.3	9.7	1.5	1.4	0	2	9	19	37	30	67	4.4	7.1		
a. Osteosarcoma	0	2	7	15	31	24	55	3.4	5.5	1.7	1.7	0	0	4	10	19	14	33	2.0	3.4		
b. Chondrosarcoma	0	0	0	1	8	1	9	0.1	0.9	0.5	1.3	0	0	0	2	5	2	7	0.3	0.7		
c. Ewing & related	0	1	10	6	12	17	29	2.5	3.1	1.3	1.2	0	2	5	6	12	13	25	2.0	2.7		
d. Other specified	0	0	0	3	0	3	3	0.4	0.3	3.0	1.5	0	0	0	1	1	1	2	0.1	0.2		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>IX SOFT TISSUE SARCOMA</b>	4	17	23	19	36	63	99	10.0	11.1	1.0	1.1	8	12	15	27	28	62	90	10.1	10.6		
a. Rhabdomyosarcoma	0	11	13	7	7	31	38	5.0	4.5	1.2	1.2	3	9	4	10	5	26	31	4.4	3.9		
b. Fibrosarcoma	3	1	1	1	6	6	12	1.1	1.4	0.8	1.0	3	1	2	2	4	8	12	1.4	1.5		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	1	5	9	7	20	22	42	3.4	4.5	1.0	1.1	2	1	7	11	17	21	38	3.2	4.2		
e. Unspecified	0	0	0	4	3	4	7	0.5	0.7	0.6	0.8	0	1	2	4	2	7	9	1.1	1.0		
<b>X GERM CELL TUMOURS</b>	11	4	2	8	107	25	132	4.2	13.4	0.6	1.9	7	9	9	14	32	39	71	6.6	8.2		
a. CNS germ cell ‡	0	1	2	6	10	9	19	1.3	1.9	0.8	1.5	0	2	6	3	2	11	13	1.8	1.6		
b. Other extragonadal	7	1	0	1	3	9	12	1.7	1.6	0.6	0.9	7	6	1	0	0	14	14	2.8	2.2		
c. Gonadal germ cell	4	2	0	1	94	7	101	1.3	9.9	0.6	3.1	0	1	2	9	21	12	33	1.7	3.4		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	6	1	7	0.1	0.7		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	3	1	4	0.1	0.4		
<b>XI CARCINOMA &amp; MELANOMA</b>	1	3	8	17	59	29	88	4.1	8.8	0.7	0.5	1	2	7	31	126	41	167	5.9	17.0		
a. Adrenocortical	0	0	1	0	0	1	1	0.2	0.1	0.3	0.2	1	2	1	0	2	4	6	0.8	0.8		
b. Thyroid	1	2	1	5	15	9	24	1.4	2.5	0.4	0.3	0	0	2	21	55	23	78	3.1	7.9		
c. Nasopharyngeal	0	0	0	1	1	1	2	0.1	0.2	1.0	1.0	0	0	0	1	1	1	2	0.1	0.2		
d. Melanoma	0	1	4	3	25	8	33	1.2	3.3	1.6	0.7	0	0	2	3	43	5	48	0.7	4.8		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.1		
f. Other & unspecified	0	0	2	8	18	10	28	1.3	2.7	1.3	0.9	0	0	2	6	24	8	32	1.1	3.2		
<b>XII OTHER &amp; UNSPECIFIED</b>	2	0	1	1	2	4	6	0.7	0.7	1.3	2.0	1	1	0	1	0	3	3	0.5	0.4		
a. Other specified	2	0	1	1	2	4	6	0.7	0.7	2.0	3.0	0	1	0	1	0	2	2	0.3	0.3		
b. Other unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	0	1	1	0.2	0.2		
<b>TOTAL</b>	98	371	267	298	541	1034	1575	169.4	182.6	1.2	1.2	87	311	202	266	458	866	1324	148.7	160.5		

† includes 55 non-malignant in males and 47 non-malignant in females ‡ includes 1 non-malignant in males

Please consult the quality indicators for this registry

## USA, Minnesota, NH White (1998-2012)

	Age group	Males	Females
Person-years	0	390 073	372 146
	1-4	1 603 184	1 535 216
	5-9	2 126 804	2 017 749
	10-14	2 287 425	2 167 051
	15-19	2 373 115	2 276 292
Total	0-14	6 407 486	6 092 162
	0-19	8 780 601	8 368 454
Average annual population	0-14	427 166	406 144
	0-19	585 373	557 897

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