

USA, Alaska, NH White (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	0-19	0-14	0-19		
I LEUKAEMIA	3	37	11	9	9	60	69	30.6	100.0	22.5	100.0	33.7	105.4	24.2	18.2	18.4	48.3	41.5	666	758	97.1	1.4
a. Lymphoid	0	29	10	4	5	43	48	21.9	71.7	15.7	69.6	-	82.6	22.0	8.1	10.2	34.9	29.4	480	531	97.9	0.0
b. Acute myeloid	0	5	0	4	2	9	11	4.6	15.0	3.6	15.9	-	14.2	-	8.1	4.1	6.7	6.1	97	118	100.0	0.0
c. CMD	1	0	0	1	2	2	4	1.0	3.3	1.3	5.8	11.2	-	-	2.0	4.1	1.5	2.1	21	42	100.0	0.0
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified	2	3	1	0	0	6	6	3.1	10.0	2.0	8.7	22.5	8.5	2.2	-	-	5.1	4.0	68	68	83.3	16.7
II LYMPHOMA & RELATED	2	4	6	13	21	25	46	12.8	100.0	15.0	100.0	22.5	11.4	13.2	26.3	42.9	17.2	22.9	265	480	100.0	0.0
a. Hodgkin	0	0	2	6	17	8	25	4.1	32.0	8.2	54.3	-	-	4.4	12.1	34.7	4.9	11.6	83	256	100.0	0.0
b. Non-Hodgkin except BL	0	2	4	3	4	9	13	4.6	36.0	4.2	28.3	-	5.7	8.8	6.1	8.2	6.4	6.8	97	138	100.0	0.0
c. Burkitt (BL)	0	0	0	3	0	3	3	1.5	12.0	1.0	6.5	-	-	-	6.1	-	1.8	1.4	30	30	100.0	0.0
d. Lymphoreticular	2	2	0	1	0	5	5	2.6	20.0	1.6	10.9	22.5	5.7	-	2.0	-	4.1	3.2	56	56	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III CNS NEOPLASMS †	4	9	18	12	13	43	56	21.9	100.0	18.3	100.0	44.9	25.6	39.6	24.2	26.5	31.2	30.2	467	599	78.6	0.0
a. Ependymoma	0	0	1	1	0	2	2	1.0	4.7	0.7	3.6	-	-	2.2	2.0	-	1.3	1.0	21	21	100.0	0.0
b. Astrocytoma	2	7	9	2	5	20	25	10.2	46.5	8.2	44.6	22.5	19.9	19.8	4.0	10.2	15.5	14.3	221	272	84.0	0.0
c. CNS embryonal	0	2	3	2	1	7	8	3.6	16.3	2.6	14.3	-	5.7	6.6	4.0	2.0	5.1	4.4	76	86	100.0	0.0
d. Other gliomas	1	0	4	2	1	7	8	3.6	16.3	2.6	14.3	11.2	-	8.8	4.0	2.0	4.9	4.2	76	86	62.5	0.0
e. Other specified	0	0	1	5	5	6	11	3.1	14.0	3.6	19.6	-	-	2.2	10.1	10.2	3.6	5.1	62	113	72.7	0.0
f. Unspecified CNS	1	0	0	0	1	1	2	0.5	2.3	0.7	3.6	11.2	-	-	-	2.0	0.9	1.1	11	22	0.0	0.0
IV NEUROBLASTOMA	8	5	2	0	1	15	16	7.7	100.0	5.2	100.0	89.9	14.2	4.4	-	2.0	12.9	10.4	170	180	93.8	0.0
a. (Ganglio)neuroblastoma	8	5	2	0	1	15	16	7.7	100.0	5.2	100.0	89.9	14.2	4.4	-	2.0	12.9	10.4	170	180	93.8	0.0
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V RETINOBLASTOMA	4	2	0	0	0	6	6	3.1	100.0	2.0	100.0	44.9	5.7	-	-	-	5.3	4.1	68	68	66.7	0.0
VI RENAL TUMOURS	1	5	4	1	0	11	11	5.6	100.0	3.6	100.0	11.2	14.2	8.8	2.0	-	8.7	6.7	122	122	100.0	0.0
a. Nephroblastoma	1	5	4	0	0	10	10	5.1	90.9	3.3	90.9	11.2	14.2	8.8	-	-	8.1	6.3	112	112	100.0	0.0
b. Renal carcinoma	0	0	0	1	0	1	1	0.5	9.1	0.3	9.1	-	-	-	2.0	-	0.6	0.5	10	10	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	3	1	1	0	0	5	5	2.6	100.0	1.6	100.0	33.7	2.8	2.2	-	-	4.2	3.3	56	56	100.0	0.0
a. Hepatoblastoma	3	1	1	0	0	5	5	2.6	100.0	1.6	100.0	33.7	2.8	2.2	-	-	4.2	3.3	56	56	100.0	0.0
b. Hepatic carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	0	4	2	11	6	17	3.1	100.0	5.6	100.0	-	-	8.8	4.0	22.4	4.0	8.2	64	176	94.1	0.0
a. Osteosarcoma	0	0	2	2	5	4	9	2.0	66.7	2.9	52.9	-	-	4.4	4.0	10.2	2.6	4.3	42	93	100.0	0.0
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c. Ewing & related	0	0	2	0	6	2	8	1.0	33.3	2.6	47.1	-	-	4.4	-	12.2	1.4	3.9	22	83	87.5	0.0
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IX SOFT TISSUE SARCOMA	2	8	2	4	10	16	26	8.2	100.0	8.5	100.0	22.5	22.8	4.4	8.1	20.4	12.6	14.3	176	278	100.0	0.0
a. Rhabdomyosarcoma	1	7	1	3	1	12	13	6.1	75.0	4.2	50.0	11.2	19.9	2.2	6.1	2.0	9.5	7.8	132	142	100.0	0.0
b. Fibrosarcoma	0	0	0	0	1	0	1	-	-	0.3	3.8	-	-	-	-	2.0	-	0.5	-	10	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	1	1	1	1	6	4	10	2.0	25.0	3.3	38.5	11.2	2.8	2.2	2.0	12.2	3.1	5.1	44	105	100.0	0.0
e. Unspecified	0	0	0	0	2	0	2	-	-	0.7	7.7	-	-	-	-	4.1	-	0.9	-	20	100.0	0.0
X GERM CELL TUMOURS	0	0	1	2	18	3	21	1.5	100.0	6.9	100.0	-	-	2.2	4.0	36.7	1.9	9.7	31	215	100.0	0.0
a. CNS germ cell	0	0	0	0	3	0	3	-	-	1.0	14.3	-	-	-	-	6.1	-	1.4	-	31	100.0	0.0
b. Other extragonadal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c. Gonadal germ cell	0	0	1	2	14	3	17	1.5	100.0	5.6	81.0	-	-	2.2	4.0	28.6	1.9	7.9	31	174	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified gonadal	0	0	0	0	1	0	1	-	-	0.3	4.8	-	-	-	-	2.0	-	0.5	-	10	100.0	0.0
XI CARCINOMA & MELANOMA	0	1	1	3	25	5	30	2.6	100.0	9.8	100.0	-	2.8	2.2	6.1	51.0	3.3	14.1	53	308	100.0	0.0
a. Adrenocortical	0	1	0	0	0	1	1	0.5	20.0	0.3	3.3	-	2.8	-	-	-	0.9	0.7	11	11	100.0	0.0
b. Thyroid	0	0	0	1	18	1	19	0.5	20.0	6.2	63.3	-	-	-	2.0	36.7	0.6	8.7	10	194	100.0	0.0
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Melanoma	0	0	1	0	2	1	3	0.5	20.0	1.0	10.0	-	-	2.2	-	4.1	0.7	1.5	11	31	100.0	0.0
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	0	0	0	2	5	2	7	1.0	40.0	2.3	23.3	-	-	-	4.0	10.2	1.2	3.2	20	71	100.0	0.0
XII OTHER & UNSPECIFIED	0	0	0	1	2	1	3	0.5	100.0	1.0	100.0	-	-	-	2.0	4.1	0.6	1.4	10	31	66.7	0.0
a. Other specified	0	0	0	1	0	1	1	0.5	100.0	0.3	33.3	-	-	-	2.0	-	0.6	0.5	10	10	100.0	0.0
b. Other unspecified	0	0	0	0	2	0	2	-	-	0.7	66.7	-	-	-	-	4.1	-	0.9	-	20	50.0	0.0
TOTAL	27	72	50	47	110	196	306	100.0	100.0	100.0	100.0	303.3	205.0	109.9	95.0	224.5	150.1	166.8	2149	3271	93.8	0.3

† includes 15 non-malignant

Please consult the quality indicators for this registry

USA, Alaska, NH White (1998-2012)

	Males										M/F ratio		Females									
	Number of cases in age groups										0-14	0-19	Number of cases in age groups									
	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	0-14	0-19
I LEUKAEMIA	2	23	8	6	4	39	43	60.5	50.4	1.9	1.7	1	14	3	3	5	21	26	35.2	32.2		
a. Lymphoid	0	18	7	4	2	29	31	44.9	36.6	2.1	1.8	0	11	3	0	3	14	17	24.3	21.8		
b. Acute myeloid	0	4	0	2	1	6	7	9.1	7.9	2.0	1.8	0	1	0	2	1	3	4	4.2	4.3		
c. CMD	1	0	0	0	1	1	2	1.7	2.2	1.0	1.0	0	0	0	1	1	1	2	1.2	1.9		
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	1	1	1	0	0	3	3	4.8	3.7	1.0	1.0	1	2	0	0	0	3	3	5.4	4.2		
II LYMPHOMA & RELATED	2	4	3	7	10	16	26	22.4	26.0	1.8	1.3	0	0	3	6	11	9	20	11.6	19.8		
a. Hodgkin	0	0	2	2	7	4	11	5.0	10.0	1.0	0.8	0	0	0	4	10	4	14	4.8	13.5		
b. Non-Hodgkin except BL	0	2	1	2	3	5	8	7.1	8.1	1.3	1.6	0	0	3	1	1	4	5	5.6	5.3		
c. Burkitt (BL)	0	0	0	3	0	3	3	3.4	2.7	-	-	0	0	0	0	0	0	0	-	-		
d. Lymphoreticular	2	2	0	0	0	4	4	6.8	5.3	4.0	4.0	0	0	0	1	0	1	1	1.2	0.9		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	1	4	12	6	6	23	29	31.9	29.9	1.1	1.1	3	5	6	6	7	20	27	30.5	30.5		
a. Ependymoma	0	0	1	0	0	1	1	1.4	1.1	1.0	1.0	0	0	0	1	0	1	1	1.2	0.9		
b. Astrocytoma	1	2	6	2	2	11	13	15.7	13.9	1.2	1.1	1	5	3	0	3	9	12	15.3	14.8		
c. CNS embryonal	0	2	2	1	1	5	6	7.3	6.5	2.5	3.0	0	0	1	1	0	2	2	2.7	2.1		
d. Other gliomas	0	0	3	0	1	3	4	4.1	4.1	0.8	1.0	1	0	1	2	0	4	4	5.7	4.4		
e. Other specified	0	0	0	3	2	3	5	3.4	4.4	1.0	0.8	0	0	1	2	3	3	6	3.9	5.9		
f. Unspecified CNS	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	1	1	2	1.8	2.4		
IV NEUROBLASTOMA	4	2	1	0	0	7	7	11.6	9.0	0.9	0.8	4	3	1	0	1	8	9	14.2	12.0		
a. (Ganglio)neuroblastoma	4	2	1	0	0	7	7	11.6	9.0	0.9	0.8	4	3	1	0	1	8	9	14.2	12.0		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	4	2	0	0	0	6	6	10.2	7.9	-	-	0	0	0	0	0	0	0	-	-		
VI RENAL TUMOURS	1	4	2	1	0	8	8	12.4	9.6	2.7	2.7	0	1	2	0	0	3	3	4.7	3.7		
a. Nephroblastoma	1	4	2	0	0	7	7	11.3	8.8	2.3	2.3	0	1	2	0	0	3	3	4.7	3.7		
b. Renal carcinoma	0	0	0	1	0	1	1	1.1	0.9	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	1	0	0	0	0	1	1	1.7	1.3	0.3	0.3	2	1	1	0	0	4	4	6.9	5.4		
a. Hepatoblastoma	1	0	0	0	0	1	1	1.7	1.3	0.3	0.3	2	1	1	0	0	4	4	6.9	5.4		
b. Hepatic 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	-	-		
VIII BONE TUMOURS	0	0	2	1	5	3	8	3.9	7.3	1.0	0.9	0	0	2	1	6	3	9	4.1	9.1		
a. Osteosarcoma	0	0	0	1	3	1	4	1.1	3.5	0.3	0.8	0	0	2	1	2	3	5	4.1	5.2		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	2	0	2	2	4	2.8	3.9	-	1.0	0	0	0	0	4	0	4	-	3.9		
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	0	-	-		
IX SOFT TISSUE SARCOMA	2	6	0	4	6	12	18	18.2	19.3	3.0	2.3	0	2	2	0	4	4	8	6.6	9.0		
a. Rhabdomyosarcoma	1	5	0	3	1	9	10	13.7	11.5	3.0	3.3	0	2	1	0	0	3	3	5.1	3.9		
b. Fibrosarcoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	1.0		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	1	1	0	1	3	3	6	4.6	6.1	3.0	1.5	0	0	1	0	3	1	4	1.5	4.1		
e. Unspecified	0	0	0	0	2	0	2	-	1.7	-	-	0	0	0	0	0	0	0	-	-		
X GERM CELL TUMOURS	0	0	0	1	14	1	15	1.1	13.0	0.5	2.5	0	0	1	1	4	2	6	2.7	6.0		
a. CNS germ cell	0	0	0	0	3	0	3	-	2.6	-	-	0	0	0	0	0	0	0	-	-		
b. Other extragonadal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Gonadal germ cell	0	0	0	1	11	1	12	1.1	10.4	0.5	2.4	0	0	1	1	3	2	5	2.7	5.0		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	1.0		
XI CARCINOMA & MELANOMA	0	1	1	2	5	4	9	5.4	8.5	4.0	0.4	0	0	0	1	20	1	21	1.2	20.5		
a. Adrenocortical	0	1	0	0	0	1	1	1.7	1.3	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	0	1	1	1	2	1.1	1.7	-	0.1	0	0	0	0	17	0	17	-	16.6		
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	0	1	0	0	1	1	1.4	1.1	-	0.5	0	0	0	0	2	0	2	-	2.0		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	0	1	4	1	5	1.1	4.3	1.0	2.5	0	0	0	1	1	1	2	1.2	1.9		
XII OTHER & UNSPECIFIED	0	0	0	0	1	0	1	-	0.9	0.0	0.5	0	0	0	1	1	1	2	1.2	1.9		
a. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	1.2	0.9		
b. Other unspecified	0	0	0	0	1	0	1	-	0.9	-	1.0	0	0	0	0	1	0	1	-	1.0		
TOTAL	17	46	29	28	51	120	171	179.5	183.2	1.6	1.3	10	26	21	19	59	76	135	118.9	149.9		

† includes 6 non-malignant in males and 9 non-malignant in females

Please consult the quality indicators for this registry

USA, Alaska, NH White (1998-2012)

	Age group	Males	Females
Person-years	0	46 245	42 765
	1-4	180 525	170 640
	5-9	234 132	220 703
	10-14	254 289	240 612
	15-19	260 075	229 983
Total	0-14	715 191	674 720
	0-19	975 266	904 703
Average annual population	0-14	47 679	44 981
	0-19	65 018	60 314

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