

USA, Alaska (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
I LEUKAEMIA	9	66	24	22	20	121	141	33.2	100.0	25.5	100.0	58.3	110.3	31.6	27.2	25.4	56.7	49.6	792	919	97.9	0.7
a. Lymphoid	2	52	16	10	9	80	89	22.0	66.1	16.1	63.1	13.0	86.9	21.1	12.4	11.4	38.2	32.1	526	583	98.9	0.0
b. Acute myeloid	3	8	4	10	5	25	30	6.9	20.7	5.4	21.3	19.4	13.4	5.3	12.4	6.3	10.9	9.9	161	193	100.0	0.0
c. CMD	1	1	0	2	3	4	7	1.1	3.3	1.3	5.0	6.5	1.7	-	2.5	3.8	1.7	2.2	26	45	100.0	0.0
d. MDS & other	0	2	2	0	2	4	6	1.1	3.3	1.1	4.3	-	3.3	2.6	-	2.5	1.9	2.0	26	39	100.0	0.0
e. Unspecified	3	3	2	0	1	8	9	2.2	6.6	1.6	6.4	19.4	5.0	2.6	-	1.3	3.9	3.3	53	59	77.8	11.1
II LYMPHOMA & RELATED	3	15	12	20	33	50	83	13.7	100.0	15.0	100.0	19.4	25.1	15.8	24.7	41.8	21.5	26.1	322	531	100.0	0.0
a. Hodgkin	0	1	2	8	21	11	32	3.0	22.0	5.8	38.6	-	1.7	2.6	9.9	26.6	4.2	9.3	69	202	100.0	0.0
b. Non-Hodgkin except BL	0	4	7	8	11	19	30	5.2	38.0	5.4	36.1	-	6.7	9.2	9.9	13.9	7.9	9.3	122	192	100.0	0.0
c. Burkitt (BL)	0	2	1	3	1	6	7	1.6	12.0	1.3	8.4	-	3.3	1.3	3.7	1.3	2.5	2.2	38	45	100.0	0.0
d. Lymphoreticular	2	8	2	1	0	13	13	3.6	26.0	2.4	15.7	13.0	13.4	2.6	1.2	-	6.4	4.9	86	86	100.0	0.0
e. Unspecified	1	0	0	0	0	1	1	0.3	2.0	0.2	1.2	6.5	-	-	-	-	0.5	0.4	7	7	100.0	0.0
III CNS NEOPLASMS †	6	19	28	22	34	75	109	20.6	100.0	19.7	100.0	38.9	31.8	36.9	27.2	43.1	32.6	35.0	486	702	72.5	0.0
a. Ependymoma	1	2	2	1	0	6	6	1.6	8.0	1.1	5.5	6.5	3.3	2.6	1.2	-	2.8	2.1	39	39	100.0	0.0
b. Astrocytoma	3	11	12	6	8	32	40	8.8	42.7	7.2	36.7	19.4	18.4	15.8	7.4	10.1	14.5	13.5	209	260	85.0	0.0
c. CNS embryonal	0	5	7	3	1	15	16	4.1	20.0	2.9	14.7	-	8.4	9.2	3.7	1.3	6.6	5.4	98	104	100.0	0.0
d. Other gliomas	1	1	6	3	2	11	13	3.0	14.7	2.4	11.9	6.5	1.7	7.9	3.7	2.5	4.7	4.2	71	84	61.5	0.0
e. Other specified	0	0	1	9	21	10	31	2.7	13.3	5.6	28.4	-	-	1.3	11.1	26.6	3.7	8.8	62	195	45.2	0.0
f. Unspecified CNS	1	0	0	0	2	1	3	0.3	1.3	0.5	2.8	6.5	-	-	-	2.5	0.5	1.0	7	19	33.3	0.0
IV NEUROBLASTOMA	12	8	2	1	1	23	24	6.3	100.0	4.3	100.0	77.8	13.4	2.6	1.2	1.3	11.5	9.2	152	159	95.8	0.0
a. (Ganglio)neuroblastoma	12	8	2	0	1	22	23	6.0	95.7	4.2	95.8	77.8	13.4	2.6	-	1.3	11.1	8.9	146	152	95.7	0.0
b. Peripheral nervous	0	0	0	1	0	1	1	0.3	4.3	0.2	4.2	-	-	-	1.2	-	0.4	0.3	6	6	100.0	0.0
V RETINOBLASTOMA	6	4	2	0	0	12	12	3.3	100.0	2.2	100.0	38.9	6.7	2.6	-	-	6.0	4.6	80	80	66.7	0.0
VI RENAL TUMOURS	1	8	4	1	0	14	14	3.8	100.0	2.5	100.0	6.5	13.4	5.3	1.2	-	6.7	5.2	92	92	100.0	0.0
a. Nephroblastoma	1	8	4	0	0	13	13	3.6	92.9	2.4	92.9	6.5	13.4	5.3	-	-	6.3	4.9	86	86	100.0	0.0
b. Renal carcinoma	0	0	0	1	0	1	1	0.3	7.1	0.2	7.1	-	-	-	1.2	-	0.4	0.3	6	6	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	5	3	2	0	1	10	11	2.7	100.0	2.0	100.0	32.4	5.0	2.6	-	1.3	5.0	4.1	66	73	100.0	0.0
a. Hepatoblastoma	5	3	2	0	0	10	10	2.7	100.0	1.8	90.9	32.4	5.0	2.6	-	-	5.0	3.8	66	66	100.0	0.0
b. Hepatic carcinoma	0	0	0	0	1	0	1	-	-	0.2	9.1	-	-	-	1.3	-	0.3	0.3	6	6	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	1	7	8	13	16	29	4.4	100.0	5.2	100.0	-	1.7	9.2	9.9	16.5	6.4	8.6	102	185	93.1	0.0
a. Osteosarcoma	0	0	2	6	7	8	15	2.2	50.0	2.7	51.7	-	-	2.6	7.4	8.9	3.0	4.3	50	95	93.3	0.0
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c. Ewing & related	0	1	3	2	6	6	12	1.6	37.5	2.2	41.4	-	1.7	4.0	2.5	7.6	2.5	3.7	39	77	91.7	0.0
d. Other specified	0	0	2	0	0	2	2	0.5	12.5	0.4	6.9	-	-	2.6	-	-	0.8	0.7	13	13	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IX SOFT TISSUE SARCOMA	6	9	5	5	19	25	44	6.9	100.0	8.0	100.0	38.9	15.0	6.6	6.2	24.1	11.6	14.4	163	284	100.0	0.0
a. Rhabdomyosarcoma	1	8	3	3	5	15	20	4.1	60.0	3.6	45.5	6.5	13.4	4.0	3.7	6.3	7.0	6.8	98	130	100.0	0.0
b. Fibrosarcoma	2	0	0	0	1	2	3	0.5	8.0	0.5	6.8	13.0	-	-	-	1.3	1.0	1.1	13	20	100.0	0.0
c. Kaposi sarcoma	1	0	0	0	0	1	1	0.3	4.0	0.2	2.3	6.5	-	-	-	-	0.5	0.4	7	7	100.0	0.0
d. Other specified	2	1	2	1	9	6	15	1.6	24.0	2.7	34.1	13.0	1.7	2.6	1.2	11.4	2.8	4.7	39	96	100.0	0.0
e. Unspecified	0	0	0	1	4	1	5	0.3	4.0	0.9	11.4	-	-	-	1.2	5.1	0.4	1.4	6	32	100.0	0.0
X GERM CELL TUMOURS	3	0	1	4	20	8	28	2.2	100.0	5.1	100.0	19.4	-	1.3	4.9	25.4	3.4	8.3	51	178	96.4	0.0
a. CNS germ cell ‡	1	0	0	1	3	2	5	0.5	25.0	0.9	17.9	6.5	-	-	1.2	3.8	0.9	1.5	13	32	100.0	0.0
b. Other extragonadal	1	0	0	0	1	1	2	0.3	12.5	0.4	7.1	6.5	-	-	-	1.3	0.5	0.7	7	13	50.0	0.0
c. Gonadal germ cell	1	0	1	3	15	5	20	1.4	62.5	3.6	71.4	6.5	-	1.3	3.7	19.0	2.0	5.8	32	127	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified gonadal	0	0	0	0	1	0	1	-	-	0.2	3.6	-	-	-	-	1.3	-	0.3	-	6	100.0	0.0
XI CARCINOMA & MELANOMA	0	1	2	6	46	9	55	2.5	100.0	9.9	100.0	-	1.7	2.6	7.4	58.3	3.5	15.8	57	348	100.0	0.0
a. Adrenocortical	0	1	0	0	0	1	1	0.3	11.1	0.2	1.8	-	1.7	-	-	-	0.5	0.4	7	7	100.0	0.0
b. Thyroid	0	0	1	3	27	4	31	1.1	44.4	5.6	56.4	-	-	1.3	3.7	34.2	1.5	8.9	25	196	100.0	0.0
c. Nasopharyngeal	0	0	0	0	2	0	2	-	-	0.4	3.6	-	-	-	-	2.5	-	0.6	-	13	100.0	0.0
d. Melanoma	0	0	1	0	3	1	4	0.3	11.1	0.7	7.3	-	-	1.3	-	3.8	0.4	1.2	7	26	100.0	0.0
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	0	0	0	3	14	3	17	0.8	33.3	3.1	30.9	-	-	-	3.7	17.8	1.1	4.8	19	107	100.0	0.0
XII OTHER & UNSPECIFIED	0	0	0	1	2	1	3	0.3	100.0	0.5	100.0	-	-	-	1.2	2.5	0.4	0.8	6	19	66.7	0.0
a. Other specified	0	0	0	1	0	1	1	0.3	100.0	0.2	33.3	-	-	-	1.2	-	0.4	0.3	6	6	100.0	0.0
b. Other unspecified	0	0	0	0	2	0	2	-	-	0.4	66.7	-	-	-	-	2.5	-	0.6	-	13	50.0	0.0
TOTAL	51	134	89	90	189	364	553	100.0	100.0	100.0	100.0	330.6	224.0	117.2	111.2	239.6	165.3	182.0	2371	3570	92.4	0.2

† includes 37 non-malignant ‡ includes 1 non-malignant

Please consult the quality indicators for this registry

USA, Alaska (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	6	40	17	10	12	73	85	66.9	58.4	1.5	1.5	3	26	7	12	8	48	56	45.8	40.3		
a. Lymphoid	1	31	11	4	6	47	53	43.8	37.2	1.4	1.5	1	21	5	6	3	33	36	32.2	26.7		
b. Acute myeloid	3	7	3	5	2	18	20	16.0	13.4	2.6	2.0	0	1	1	5	3	7	10	5.6	6.2		
c. CMD	1	1	0	1	2	3	5	2.7	3.2	3.0	2.5	0	0	0	1	1	1	2	0.7	1.2		
d. MDS & other	0	0	2	0	1	2	3	1.7	1.8	1.0	1.0	0	2	0	0	1	2	3	2.1	2.2		
e. Unspecified	1	1	1	0	1	3	4	2.8	2.7	0.6	0.8	2	2	1	0	0	5	5	5.1	4.0		
II LYMPHOMA & RELATED	3	12	7	12	17	34	51	29.1	31.8	2.1	1.6	0	3	5	8	16	16	32	13.4	20.0		
a. Hodgkin	0	1	2	3	10	6	16	4.8	9.1	1.2	1.0	0	0	0	5	11	5	16	3.7	9.5		
b. Non-Hodgkin except BL	0	4	3	6	6	13	19	10.7	11.5	2.2	1.7	0	0	4	2	5	6	11	5.0	6.9		
c. Burkitt (BL)	0	2	1	3	1	6	7	4.9	4.4	-	-	0	0	0	0	0	0	0	-	-		
d. Lymphoreticular	2	5	1	0	0	8	8	7.8	6.1	1.6	1.6	0	3	1	1	0	5	5	4.8	3.7		
e. Unspecified	1	0	0	0	0	1	1	1.0	0.8	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	3	10	17	12	11	42	53	35.4	33.4	1.3	0.9	3	9	11	10	23	33	56	29.7	36.9		
a. Ependymoma	1	2	1	0	0	4	4	3.8	3.0	2.0	2.0	0	0	1	1	0	2	2	1.6	1.2		
b. Astrocytoma	2	5	7	3	3	17	20	14.9	13.2	1.1	1.0	1	6	5	3	5	15	20	14.0	13.9		
c. CNS embryonal	0	3	6	2	1	11	12	9.4	7.8	2.8	3.0	0	2	1	1	0	4	4	3.7	2.9		
d. Other gliomas	0	0	3	1	1	4	5	3.2	3.0	0.6	0.6	1	1	3	2	1	7	8	6.2	5.4		
e. Other specified	0	0	0	6	5	6	11	4.2	6.0	1.5	0.6	0	0	1	3	16	4	20	3.1	12.0		
f. Unspecified CNS	0	0	0	0	1	0	1	-	0.5	0.0	0.5	1	0	0	0	1	1	2	1.1	1.4		
IV NEUROBLASTOMA	5	3	1	0	0	9	9	8.8	6.8	0.6	0.6	7	5	1	1	1	14	15	14.4	11.7		
a. (Ganglio)neuroblastoma	5	3	1	0	0	9	9	8.8	6.8	0.7	0.6	7	5	1	0	1	13	14	13.6	11.2		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.7	0.6		
V RETINOBLASTOMA	5	4	2	0	0	11	11	10.6	8.2	11.0	11.0	1	0	0	0	0	1	1	1.1	0.8		
VI RENAL TUMOURS	1	5	2	1	0	9	9	8.3	6.5	1.8	1.8	0	3	2	0	0	5	5	4.9	3.8		
a. Nephroblastoma	1	5	2	0	0	8	8	7.6	5.9	1.6	1.6	0	3	2	0	0	5	5	4.9	3.8		
b. Renal carcinoma	0	0	0	1	0	1	1	0.7	0.5	-	-	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	2	2	0	0	1	4	5	4.0	3.6	0.7	0.8	3	1	2	0	0	6	6	6.0	4.6		
a. Hepatoblastoma	2	2	0	0	0	4	4	4.0	3.1	0.7	0.7	3	1	2	0	0	6	6	6.0	4.6		
b. Hepatic carcinoma	0	0	0	1	0	1	1	-	0.5	-	-	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	1	5	5	7	11	18	8.6	10.5	2.2	1.6	0	0	2	3	6	5	11	4.0	6.7		
a. Osteosarcoma	0	0	0	4	5	4	9	2.8	4.9	1.0	1.5	0	0	2	2	2	4	6	3.2	3.7		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	1	3	1	2	5	7	4.2	4.3	5.0	1.4	0	0	0	1	4	1	5	0.7	3.0		
d. Other specified	0	0	2	0	0	2	2	1.7	1.3	-	-	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	4	6	2	5	10	17	27	15.1	17.2	2.1	1.6	2	3	3	0	9	8	17	7.9	11.6		
a. Rhabdomyosarcoma	1	5	1	3	3	10	13	8.9	8.5	2.0	1.9	0	3	2	0	2	5	7	4.9	5.0		
b. Fibrosarcoma	1	0	0	0	0	1	1	1.0	0.8	1.0	0.5	1	0	0	0	1	1	2	1.1	1.4		
c. Kaposi sarcoma	1	0	0	0	0	1	1	1.0	0.8	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	1	1	1	1	4	4	8	3.5	4.9	2.0	1.1	1	0	1	0	5	2	7	1.9	4.5		
e. Unspecified	0	0	0	1	3	1	4	0.7	2.2	-	4.0	0	0	0	0	1	0	1	-	0.6		
X GERM CELL TUMOURS	2	0	0	2	14	4	18	3.4	10.2	1.0	1.8	1	0	1	2	6	4	10	3.4	6.2		
a. CNS germ cell ‡	0	0	0	1	3	1	4	0.7	2.2	1.0	4.0	1	0	0	0	0	1	1	1.1	0.8		
b. Other extragonadal	1	0	0	0	0	1	1	1.0	0.8	-	1.0	0	0	0	0	1	0	1	-	0.6		
c. Gonadal germ cell	1	0	0	1	11	2	13	1.7	7.3	0.7	1.9	0	0	1	2	4	3	7	2.3	4.2		
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	-	0.6		
XI CARCINOMA & MELANOMA	0	1	2	3	9	6	15	4.8	8.6	2.0	0.4	0	0	0	3	37	3	40	2.2	24.0		
a. Adrenocortical	0	1	0	0	0	1	1	1.0	0.8	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	1	2	3	3	6	2.2	3.4	3.0	0.2	0	0	0	1	24	1	25	0.7	15.0		
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	1.2		
d. Melanoma	0	0	1	0	1	1	2	0.8	1.2	-	1.0	0	0	0	0	2	0	2	-	1.2		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	0	1	5	1	6	0.7	3.3	0.5	0.5	0	0	0	2	9	2	11	1.5	6.6		
XII OTHER & UNSPECIFIED	0	0	0	0	1	0	1	-	0.5	0.0	0.5	0	0	0	1	1	1	2	0.7	1.2		
a. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.7	0.6		
b. Other unspecified	0	0	0	0	1	0	1	-	0.5	-	1.0	0	0	0	0	1	0	1	-	0.6		
TOTAL	31	84	55	50	82	220	302	195.2	195.8	1.5	1.2	20	50	34	40	107	144	251	133.5	167.8		

† includes 14 non-malignant in males and 23 non-malignant in females ‡ includes 1 non-malignant in females

Please consult the quality indicators for this registry

USA, Alaska (1998-2012)

	Age group	Males	Females
Person-years	0	79 869	74 415
	1-4	308 348	289 812
	5-9	390 208	369 014
	10-14	414 460	394 975
	15-19	414 539	374 182
Total	0-14	1 192 885	1 128 216
	0-19	1 607 424	1 502 398
Average annual population	0-14	79 526	75 214
	0-19	107 162	100 160

Please consult the quality indicators for this registry