

USA, Washington, Seattle, Hispanic White (1993-2012)

	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	6	40	23	10	14	79	93	35.0	100.0	30.7	100.0	51.4	91.8	48.7	24.5	35.8	55.0	50.7	782	961	100.0	0.0
a. Lymphoid	3	36	21	7	10	67	77	29.6	84.8	25.4	82.8	25.7	82.6	44.5	17.1	25.5	46.6	41.9	661	789	100.0	0.0
b. Acute myeloid	3	3	2	1	2	9	11	4.0	11.4	3.6	11.8	25.7	6.9	4.2	2.4	5.1	6.3	6.0	88	113	100.0	0.0
c. CMD	0	0	0	1	2	1	3	0.4	1.3	1.0	3.2	-	-	-	2.4	5.1	0.7	1.7	12	38	100.0	0.0
d. MDS & other	0	1	0	1	0	2	2	0.9	2.5	0.7	2.2	-	2.3	-	2.4	-	1.4	1.1	21	21	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II LYMPHOMA & RELATED	1	9	6	5	14	21	35	9.3	100.0	11.6	100.0	8.6	20.7	12.7	12.2	35.8	14.7	19.4	215	394	97.1	0.0
a. Hodgkin	0	1	2	1	9	4	13	1.8	19.0	4.3	37.1	-	2.3	4.2	2.4	23.0	2.8	7.3	42	157	100.0	0.0
b. Non-Hodgkin except BL	0	3	3	4	4	10	14	4.4	47.6	4.6	40.0	-	6.9	6.4	9.8	10.2	7.0	7.7	108	159	100.0	0.0
c. Burkitt (BL)	0	3	1	0	1	4	5	1.8	19.0	1.7	14.3	-	6.9	2.1	-	2.6	2.8	2.7	38	51	100.0	0.0
d. Lymphoreticular	1	2	0	0	0	3	3	1.3	14.3	1.0	8.6	8.6	4.6	-	-	-	2.1	1.6	27	27	66.7	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III CNS NEOPLASMS	2	18	20	17	9	57	66	25.2	100.0	21.8	100.0	17.1	41.3	42.3	41.6	23.0	39.7	36.0	601	716	81.8	0.0
a. Ependyoma	0	6	2	2	0	10	10	4.4	17.5	3.3	15.2	-	13.8	4.2	4.9	-	7.0	5.4	100	100	90.0	0.0
b. Astrocytoma	1	8	9	10	4	28	32	12.4	49.1	10.6	48.5	8.6	18.4	19.1	24.5	10.2	19.6	17.5	299	350	93.8	0.0
c. CNS embryonal	1	2	5	3	2	11	13	4.9	19.3	4.3	19.7	8.6	4.6	10.6	7.3	5.1	7.6	7.1	117	142	100.0	0.0
d. Other gliomas	0	2	4	1	3	7	10	3.1	12.3	3.3	15.2	-	4.6	8.5	2.4	7.7	4.8	5.5	73	111	10.0	0.0
e. Other specified	0	0	0	1	0	1	1	0.4	1.8	0.3	1.5	-	-	-	2.4	-	0.7	0.6	12	12	100.0	0.0
f. Unspecified CNS	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IV NEUROBLASTOMA	3	5	1	0	0	9	9	4.0	100.0	3.0	100.0	25.7	11.5	2.1	-	-	6.3	4.9	83	83	100.0	0.0
a. (Ganglio)neuroblastoma	3	5	1	0	0	9	9	4.0	100.0	3.0	100.0	25.7	11.5	2.1	-	-	6.3	4.9	83	83	100.0	0.0
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V RETINOBLASTOMA	3	6	1	0	0	10	10	4.4	100.0	3.3	100.0	25.7	13.8	2.1	-	-	7.0	5.4	92	92	50.0	0.0
VI RENAL TUMOURS	2	8	2	0	0	12	12	5.3	100.0	4.0	100.0	17.1	18.4	4.2	-	-	8.4	6.5	112	112	100.0	0.0
a. Nephroblastoma	2	8	2	0	0	12	12	5.3	100.0	4.0	100.0	17.1	18.4	4.2	-	-	8.4	6.5	112	112	100.0	0.0
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	0	1	0	0	1	1	2	0.4	100.0	0.7	100.0	-	2.3	-	-	2.6	0.7	1.1	9	22	100.0	0.0
a. Hepatoblastoma	0	1	0	0	0	1	1	0.4	100.0	0.3	50.0	-	2.3	-	-	-	0.7	0.5	9	9	100.0	0.0
b. Hepatic carcinoma	0	0	0	0	1	0	1	-	-	0.3	50.0	-	-	-	-	2.6	-	0.6	-	13	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	2	3	5	8	10	18	4.4	100.0	5.9	100.0	-	4.6	6.4	12.2	20.4	7.0	10.0	111	213	100.0	0.0
a. Osteosarcoma	0	1	2	4	4	7	11	3.1	70.0	3.6	61.1	-	2.3	4.2	9.8	10.2	4.9	6.1	79	130	100.0	0.0
b. Chondrosarcoma	0	0	0	1	0	1	1	0.4	10.0	0.3	5.6	-	-	-	2.4	-	0.7	0.6	12	12	100.0	0.0
c. Ewing & related	0	0	1	0	3	1	4	0.4	10.0	1.3	22.2	-	-	2.1	-	7.7	0.7	2.3	11	49	100.0	0.0
d. Other specified	0	1	0	0	0	1	1	0.4	10.0	0.3	5.6	-	2.3	-	-	-	0.7	0.5	9	9	100.0	0.0
e. Unspecified	0	0	0	0	1	0	1	-	-	0.3	5.6	-	-	-	-	2.6	-	0.6	-	13	100.0	0.0
IX SOFT TISSUE SARCOMA	4	3	2	7	5	16	21	7.1	100.0	6.9	100.0	34.3	6.9	4.2	17.1	12.8	11.2	11.6	170	234	95.2	0.0
a. Rhabdomyosarcoma	0	2	2	2	1	6	7	2.7	37.5	2.3	33.3	-	4.6	4.2	4.9	2.6	4.2	3.8	64	76	100.0	0.0
b. Fibrosarcoma	1	0	0	2	1	3	4	1.3	18.8	1.3	19.0	8.6	-	-	4.9	2.6	2.1	2.2	34	46	75.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	3	1	0	1	3	5	8	2.2	31.3	2.6	38.1	25.7	2.3	-	2.4	7.7	3.5	4.4	48	87	100.0	0.0
e. Unspecified	0	0	0	2	0	2	2	0.9	12.5	0.7	9.5	-	-	-	4.9	-	1.4	1.1	24	24	100.0	0.0
X GERM CELL TUMOURS	0	1	1	2	9	4	13	1.8	100.0	4.3	100.0	-	2.3	2.1	4.9	23.0	2.8	7.3	44	159	100.0	0.0
a. CNS germ cell	0	0	1	1	0	2	2	0.9	50.0	0.7	15.4	-	-	2.1	2.4	-	1.4	1.1	23	23	100.0	0.0
b. Other extragonadal	0	1	0	1	1	2	3	0.9	50.0	1.0	23.1	-	2.3	-	2.4	2.6	1.4	1.7	21	34	100.0	0.0
c. Gonadal germ cell	0	0	0	0	7	0	7	-	-	2.3	53.8	-	-	-	17.9	-	4.0	-	89	89	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	1	0	1	-	-	0.3	7.7	-	-	-	2.6	-	0.6	-	13	100.0	0.0	
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XI CARCINOMA & MELANOMA	0	0	2	4	17	6	23	2.7	100.0	7.6	100.0	-	-	4.2	9.8	43.4	4.2	13.0	70	287	100.0	0.0
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Thyroid	0	0	1	3	13	4	17	1.8	66.7	5.6	73.9	-	-	2.1	7.3	33.2	2.8	9.7	47	213	100.0	0.0
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Melanoma	0	0	0	0	2	0	2	-	-	0.7	8.7	-	-	-	-	5.1	-	1.1	-	26	100.0	0.0
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	0	0	1	1	2	2	4	0.9	33.3	1.3	17.4	-	-	2.1	2.4	5.1	1.4	2.2	23	48	100.0	0.0
XII OTHER & UNSPECIFIED	1	0	0	0	0	1	1	0.4	100.0	0.3	100.0	8.6	-	-	-	-	0.7	0.5	9	9	100.0	0.0
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Other unspecified	1	0	0	0	0	1	1	0.4	100.0	0.3	100.0	8.6	-	-	-	-	0.7	0.5	9	9	100.0	0.0
TOTAL	22	93	61	50	77	226	303	100.0	100.0	100.0	100.0	188.4	213.4	129.2	122.3	196.7	157.7	166.5	2298	3281	93.7	0.0

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	Males										M/F ratio		Females									
	Number of cases in age groups					ASR per million							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	0-14	0-19	0	1-4	5-9	10-14	15-19	0-14	0-19	0-14	0-19		
I LEUKAEMIA	4	18	11	3	11	36	47	49.1	50.0	0.8	1.0	2	22	12	7	3	43	46	61.3	51.1		
a. Lymphoid	2	16	11	2	8	31	39	42.2	41.4	0.9	1.0	1	20	10	5	2	36	38	51.3	42.2		
b. Acute myeloid	2	1	0	0	2	3	5	4.1	5.4	0.5	0.8	1	2	2	1	0	6	6	8.5	6.6		
c. CMD	0	0	0	0	1	0	1	-	1.1	0.0	0.5	0	0	0	1	1	1	2	1.5	2.4		
d. MDS & other	0	1	0	1	0	2	2	2.8	2.1	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
II LYMPHOMA & RELATED	1	6	4	2	9	13	22	17.7	23.5	1.6	1.7	0	3	2	3	5	8	13	11.5	15.0		
a. Hodgkin	0	1	2	1	6	4	10	5.4	10.7	-	3.3	0	0	0	0	3	0	3	-	3.7		
b. Non-Hodgkin except BL	0	0	2	1	2	3	5	4.1	5.3	0.4	0.6	0	3	1	3	2	7	9	10.1	10.2		
c. Burkitt (BL)	0	3	0	0	1	3	4	4.1	4.3	3.0	4.0	0	0	1	0	0	1	1	1.4	1.1		
d. Lymphoreticular	1	2	0	0	0	3	3	4.1	3.2	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS	1	8	14	9	4	32	36	43.6	38.1	1.3	1.2	1	10	6	8	5	25	30	35.8	33.8		
a. Ependymoma	0	3	1	1	0	5	5	6.8	5.3	1.0	1.0	0	3	1	1	0	5	5	7.1	5.5		
b. Astrocytoma	0	1	6	6	1	13	14	17.7	14.8	0.9	0.8	1	7	3	4	3	15	18	21.5	20.3		
c. CNS embryonal	1	2	5	1	2	9	11	12.2	11.6	4.5	5.5	0	0	0	2	0	2	2	2.9	2.3		
d. Other gliomas	0	2	2	1	1	5	6	6.8	6.4	2.5	1.5	0	0	2	0	2	2	4	2.8	4.6		
e. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	1.5	1.1		
f. Unspecified CNS	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
IV NEUROBLASTOMA	1	1	1	0	0	3	3	4.1	3.2	0.5	0.5	2	4	0	0	0	6	6	8.6	6.7		
a. (Ganglio)neuroblastoma	1	1	1	0	0	3	3	4.1	3.2	0.5	0.5	2	4	0	0	0	6	6	8.6	6.7		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	2	3	1	0	0	6	6	8.2	6.4	1.5	1.5	1	3	0	0	0	4	4	5.7	4.4		
VI RENAL TUMOURS	1	3	1	0	0	5	5	6.8	5.3	0.7	0.7	1	5	1	0	0	7	7	10.0	7.7		
a. Nephroblastoma	1	3	1	0	0	5	5	6.8	5.3	0.7	0.7	1	5	1	0	0	7	7	10.0	7.7		
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	-	-		
VII HEPATIC TUMOURS	0	1	0	0	0	1	1	1.4	1.1	-	1.0	0	0	0	0	1	0	1	-	1.2		
a. Hepatoblastoma	0	1	0	0	0	1	1	1.4	1.1	-	-	0	0	0	0	0	0	0	-	-		
b. Hepatic carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	1.2		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	0	1	3	5	4	9	5.5	9.7	0.7	1.0	0	2	2	2	3	6	9	8.6	10.3		
a. Osteosarcoma	0	0	0	2	3	2	5	2.8	5.4	0.4	0.8	0	1	2	2	1	5	6	7.1	6.7		
b. Chondrosarcoma	0	0	0	1	0	1	1	1.4	1.1	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	1	0	1	1	2	1.3	2.1	-	1.0	0	0	0	0	2	0	2	-	2.4		
d. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	1.4	1.1		
e. Unspecified	0	0	0	0	1	0	1	-	1.1	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	4	1	1	4	1	10	11	13.7	11.7	1.7	1.1	0	2	1	3	4	6	10	8.6	11.6		
a. Rhabdomyosarcoma	0	1	1	0	0	2	2	2.7	2.1	0.5	0.4	0	1	1	2	1	4	5	5.7	5.7		
b. Fibrosarcoma	1	0	0	2	0	3	3	4.1	3.2	-	3.0	0	0	0	0	1	0	1	-	1.2		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	3	0	0	1	1	4	5	5.5	5.3	4.0	1.7	0	1	0	0	2	1	3	1.4	3.6		
e. Unspecified	0	0	0	1	0	1	1	1.4	1.1	1.0	1.0	0	0	0	1	0	1	1	1.5	1.1		
X GERM CELL TUMOURS	0	0	1	1	5	2	7	2.7	7.5	1.0	1.2	0	1	0	1	4	2	6	2.9	7.1		
a. CNS germ cell	0	0	1	1	0	2	2	2.7	2.1	-	-	0	0	0	0	0	0	0	-	-		
b. Other extragonadal	0	0	0	0	1	0	1	-	1.1	0.0	0.5	0	1	0	1	0	2	2	2.9	2.2		
c. Gonadal germ cell	0	0	0	0	4	0	4	-	4.3	-	1.3	0	0	0	0	3	0	3	-	3.7		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	1.2		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
XI CARCINOMA & MELANOMA	0	0	1	3	2	4	6	5.5	6.4	2.0	0.4	0	0	1	1	15	2	17	2.8	20.6		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	0	2	1	2	3	2.8	3.2	1.0	0.2	0	0	1	1	12	2	14	2.8	16.9		
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	2.4		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	1	1	1	2	3	2.7	3.2	-	3.0	0	0	0	0	1	0	1	-	1.2		
XII OTHER & UNSPECIFIED	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	0	1	1	1.4	1.1		
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	1	0	0	0	0	1	1	1.4	1.1		
TOTAL	14	41	36	25	37	116	153	158.4	162.9	1.1	1.0	8	52	25	25	40	110	150	157.2	170.7		

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	Age group	Males	Females
Person-years	0	59 782	56 979
	1-4	222 549	213 228
	5-9	240 075	232 200
	10-14	209 895	199 022
	15-19	207 498	183 963
Total	0-14	732 301	701 429
	0-19	939 799	885 392
Average annual population	0-14	36 615	35 071
	0-19	46 990	44 270

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