

USA, Washington State, Hispanic 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	ASR	0-19			0-14
I LEUKAEMIA	4	66	35	33	33	138	171	35.6	100.0	31.8	100.0	19.4	83.4	39.0	41.4	44.0	51.8	50.0	753	973	97.7	0.6
a. Lymphoid	2	59	29	21	24	111	135	28.6	80.4	25.1	78.9	9.7	74.6	32.3	26.3	32.0	41.7	39.5	599	759	97.8	0.7
b. Acute myeloid	1	6	5	7	4	19	23	4.9	13.8	4.3	13.5	4.9	7.6	5.6	8.8	5.3	7.1	6.7	107	133	95.7	0.0
c. CMD	0	0	0	2	3	2	5	0.5	1.4	0.9	2.9	-	-	-	2.5	4.0	0.7	1.5	13	33	100.0	0.0
d. MDS & other	1	1	0	2	2	4	6	1.0	2.9	1.1	3.5	4.9	1.3	-	2.5	2.7	1.5	1.8	23	36	100.0	0.0
e. Unspecified	0	0	1	1	0	2	2	0.5	1.4	0.4	1.2	-	-	1.1	1.3	-	0.7	0.6	12	12	100.0	0.0
II LYMPHOMA & RELATED	2	13	14	6	19	35	54	9.0	100.0	10.1	100.0	9.7	16.4	15.6	7.5	25.3	13.0	15.8	191	317	100.0	0.0
a. Hodgkin	0	4	4	0	10	8	18	2.1	22.9	3.4	33.3	-	5.1	4.5	-	13.3	3.0	5.3	42	109	100.0	0.0
b. Non-Hodgkin except BL	0	5	7	5	8	17	25	4.4	48.6	4.7	46.3	-	6.3	7.8	6.3	10.7	6.3	7.3	95	149	100.0	0.0
c. Burkitt (BL)	0	2	1	1	1	4	5	1.0	11.4	0.9	9.3	-	2.5	1.1	1.3	1.3	1.5	1.5	22	29	100.0	0.0
d. Lymphoreticular	2	2	2	0	0	6	6	1.5	17.1	1.1	11.1	9.7	2.5	2.2	-	-	2.3	1.8	31	31	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III CNS NEOPLASMS †	6	32	33	26	32	97	129	25.0	100.0	24.0	100.0	29.1	40.4	36.8	32.6	42.6	36.1	37.6	537	751	70.5	1.6
a. Ependymoma	0	6	3	3	1	12	13	3.1	12.4	2.4	10.1	-	7.6	3.3	3.8	1.3	4.5	3.8	66	72	84.6	0.0
b. Astrocytoma	2	10	11	11	7	34	41	8.8	35.1	7.6	31.8	9.7	12.6	12.3	13.8	9.3	12.6	11.9	190	237	90.2	2.4
c. CNS embryonal	2	7	9	3	3	21	24	5.4	21.6	4.5	18.6	9.7	8.8	10.0	3.8	4.0	7.8	7.0	114	134	95.8	0.0
d. Other gliomas	0	5	6	2	5	13	18	3.4	13.4	3.4	14.0	-	6.3	6.7	2.5	6.7	4.8	5.2	71	104	16.7	0.0
e. Other specified	1	3	4	6	15	14	29	3.6	14.4	5.4	22.5	4.9	3.8	4.5	7.5	20.0	5.2	8.5	80	180	55.2	3.4
f. Unspecified CNS	1	1	0	1	1	3	4	0.8	3.1	0.7	3.1	4.9	1.3	-	1.3	1.3	1.1	1.2	16	23	25.0	0.0
IV NEUROBLASTOMA	10	9	1	0	0	20	20	5.2	100.0	3.7	100.0	48.6	11.4	1.1	-	-	7.7	6.0	101	101	90.0	0.0
a. (Ganglio)neuroblastoma	10	9	1	0	0	20	20	5.2	100.0	3.7	100.0	48.6	11.4	1.1	-	-	7.7	6.0	101	101	90.0	0.0
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V RETINOBLASTOMA	5	12	1	0	0	18	18	4.6	100.0	3.4	100.0	24.3	15.2	1.1	-	-	7.0	5.4	91	91	66.7	0.0
VI RENAL TUMOURS	3	12	3	0	0	18	18	4.6	100.0	3.4	100.0	14.6	15.2	3.3	-	-	6.9	5.3	92	92	100.0	0.0
a. Nephroblastoma	3	12	3	0	0	18	18	4.6	100.0	3.4	100.0	14.6	15.2	3.3	-	-	6.9	5.3	92	92	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	2	1	0	0	1	3	4	0.8	100.0	0.7	100.0	9.7	1.3	-	-	1.3	1.2	1.2	15	22	100.0	0.0
a. Hepatoblastoma	2	1	0	0	0	3	3	0.8	100.0	0.6	75.0	9.7	1.3	-	-	-	1.2	0.9	15	15	100.0	0.0
b. Hepatic carcinoma	0	0	0	0	1	0	1	-	-	0.2	25.0	-	-	-	-	1.3	-	0.3	-	7	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	1	5	7	12	13	25	3.4	100.0	4.7	100.0	-	1.3	5.6	8.8	16.0	4.7	7.3	77	157	92.0	0.0
a. Osteosarcoma	0	0	4	5	7	9	16	2.3	69.2	3.0	64.0	-	-	4.5	6.3	9.3	3.3	4.6	54	100	93.8	0.0
b. Chondrosarcoma	0	0	0	1	1	1	2	0.3	7.7	0.4	8.0	-	-	-	1.3	1.3	0.4	0.6	6	13	100.0	0.0
c. Ewing & related	0	0	1	1	4	2	6	0.5	15.4	1.1	24.0	-	-	1.1	1.3	5.3	0.7	1.8	12	38	83.3	0.0
d. Other specified	0	1	0	0	0	1	1	0.3	7.7	0.2	4.0	-	1.3	-	-	-	0.4	0.3	5	5	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IX SOFT TISSUE SARCOMA	4	6	6	4	14	20	34	5.2	100.0	6.3	100.0	19.4	7.6	6.7	5.0	18.7	7.5	10.0	109	202	97.1	0.0
a. Rhabdomyosarcoma	0	5	6	1	2	12	14	3.1	60.0	2.6	41.2	-	6.3	6.7	1.3	2.7	4.5	4.1	65	78	100.0	0.0
b. Fibrosarcoma	1	0	0	2	2	3	5	0.8	15.0	0.9	14.7	4.9	-	-	2.5	2.7	1.1	1.5	18	31	80.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	3	0	0	0	10	3	13	0.8	15.0	2.4	38.2	14.6	-	-	-	13.3	1.2	3.9	15	82	100.0	0.0
e. Unspecified	0	1	0	1	0	2	2	0.5	10.0	0.4	5.9	-	1.3	-	1.3	-	0.8	0.6	11	11	100.0	0.0
X GERM CELL TUMOURS	2	1	2	7	15	12	27	3.1	100.0	5.0	100.0	9.7	1.3	2.2	8.8	20.0	4.4	7.9	70	170	100.0	0.0
a. CNS germ cell	0	0	1	3	1	4	5	1.0	33.3	0.9	18.5	-	-	1.1	3.8	1.3	1.5	1.4	24	31	100.0	0.0
b. Other extragonadal	1	1	0	1	2	3	5	0.8	25.0	0.9	18.5	4.9	1.3	-	1.3	2.7	1.1	1.5	16	30	100.0	0.0
c. Gonadal germ cell	1	0	1	3	11	5	16	1.3	41.7	3.0	59.3	4.9	-	1.1	3.8	14.7	1.8	4.7	29	103	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	1	0	1	-	-	0.2	3.7	-	-	-	-	1.3	-	0.3	-	7	100.0	0.0
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XI CARCINOMA & MELANOMA	1	1	2	8	22	12	34	3.1	100.0	6.3	100.0	4.9	1.3	2.2	10.0	29.3	4.4	10.0	71	218	97.1	0.0
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Thyroid	0	0	1	5	14	6	20	1.5	50.0	3.7	58.8	-	-	1.1	6.3	18.7	2.2	5.9	37	130	100.0	0.0
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Melanoma	1	1	0	0	0	2	2	0.5	16.7	0.4	5.9	4.9	1.3	-	-	-	0.8	0.6	10	10	100.0	0.0
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	0	0	1	3	8	4	12	1.0	33.3	2.2	35.3	-	-	1.1	3.8	10.7	1.5	3.5	24	78	91.7	0.0
XII OTHER & UNSPECIFIED	1	1	0	0	1	2	3	0.5	100.0	0.6	100.0	4.9	1.3	-	-	1.3	0.8	0.9	10	17	66.7	0.0
a. Other specified	0	1	0	0	0	1	1	0.3	50.0	0.2	33.3	-	1.3	-	-	-	0.4	0.3	5	5	100.0	0.0
b. Other unspecified	1	0	0	0	1	1	2	0.3	50.0	0.4	66.7	4.9	-	-	-	1.3	0.4	0.6	5	12	50.0	0.0
TOTAL	40	155	102	91	149	388	537	100.0	100.0	100.0	100.0	194.3	195.9	113.6	114.1	198.6	145.5	157.4	2116	3109	89.8	0.6

† includes 33 non-malignant

Please consult the quality indicators for this registry

USA, Washington State, Hispanic 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		
I LEUKAEMIA	2	33	18	14	24	67	91	49.2	51.8	0.9	1.1	2	33	17	19	9	71	80	54.4	47.9		
a. Lymphoid	1	28	16	8	17	53	70	39.0	39.9	0.9	1.1	1	31	13	13	7	58	65	44.6	39.0		
b. Acute myeloid	1	4	2	3	3	10	13	7.3	7.4	1.1	1.3	0	2	3	4	1	9	10	6.8	5.9		
c. CMD	0	0	0	1	2	1	3	0.7	1.7	1.0	1.5	0	0	0	1	1	1	2	0.7	1.2		
d. MDS & other	0	1	0	2	2	3	5	2.2	2.8	3.0	5.0	1	0	0	0	0	1	1	0.8	0.6		
e. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	1	0	2	2	1.5	1.1		
II LYMPHOMA & RELATED	2	8	11	3	10	24	34	17.5	19.2	2.2	1.7	0	5	3	3	9	11	20	8.4	12.2		
a. Hodgkin	0	2	3	0	4	5	9	3.6	5.1	1.7	1.0	0	2	1	0	6	3	9	2.3	5.6		
b. Non-Hodgkin except BL	0	2	6	2	5	10	15	7.2	8.4	1.4	1.5	0	3	1	3	3	7	10	5.4	6.1		
c. Burkitt (BL)	0	2	0	1	1	3	4	2.2	2.3	3.0	4.0	0	0	1	0	0	1	1	0.7	0.6		
d. Lymphoreticular	2	2	2	0	0	6	6	4.5	3.4	-	-	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 †	5	15	17	12	14	49	63	35.7	35.6	1.0	1.0	1	17	16	14	18	48	66	36.5	39.7		
a. Ependymoma	0	3	2	0	0	5	5	3.7	2.9	0.7	0.6	0	3	1	3	1	7	8	5.4	4.8		
b. Astrocytoma	1	3	4	7	4	15	19	10.8	10.7	0.8	0.9	1	7	7	4	3	19	22	14.5	13.1		
c. CNS embryonal	2	4	8	3	2	17	19	12.3	10.7	4.3	3.8	0	3	1	0	1	4	5	3.1	3.0		
d. Other gliomas	0	4	2	1	2	7	9	5.2	5.1	1.2	1.0	0	1	4	1	3	6	9	4.5	5.4		
e. Other specified	1	0	1	1	5	3	8	2.2	4.5	0.3	0.4	0	3	3	5	10	11	21	8.3	12.8		
f. Unspecified CNS	1	1	0	0	1	2	3	1.5	1.7	2.0	3.0	0	0	0	1	0	1	1	0.7	0.6		
IV NEUROBLASTOMA	4	2	1	0	0	7	7	5.3	4.1	0.5	0.5	6	7	0	0	0	13	13	10.3	8.0		
a. (Ganglio)neuroblastoma	4	2	1	0	0	7	7	5.3	4.1	0.5	0.5	6	7	0	0	0	13	13	10.3	8.0		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	2	6	1	0	0	9	9	6.8	5.3	1.0	1.0	3	6	0	0	0	9	9	7.1	5.5		
VI RENAL TUMOURS	1	4	2	0	0	7	7	5.2	4.0	0.6	0.6	2	8	1	0	0	11	11	8.7	6.7		
a. Nephroblastoma	1	4	2	0	0	7	7	5.2	4.0	0.6	0.6	2	8	1	0	0	11	11	8.7	6.7		
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	1	0	0	0	0	1	1	0.8	0.6	0.5	0.3	1	1	0	0	1	2	3	1.6	1.9		
a. Hepatoblastoma	1	0	0	0	0	1	1	0.8	0.6	0.5	0.5	1	1	0	0	0	2	2	1.6	1.2		
b. Hepatic carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.6		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	0	1	4	7	5	12	3.5	6.7	0.6	0.9	0	1	4	3	5	8	13	6.0	7.8		
a. Osteosarcoma	0	0	1	2	5	3	8	2.1	4.5	0.5	1.0	0	0	3	3	2	6	8	4.4	4.7		
b. Chondrosarcoma	0	0	0	1	1	1	2	0.7	1.1	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	0	1	1	1	2	0.7	1.1	1.0	0.5	0	0	1	0	3	1	4	0.7	2.5		
d. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	0.8	0.6		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	4	3	1	3	8	11	19	8.2	10.9	1.2	1.3	0	3	5	1	6	9	15	6.8	9.1		
a. Rhabdomyosarcoma	0	3	1	0	1	4	5	3.0	2.9	0.5	0.6	0	2	5	1	1	8	9	6.0	5.3		
b. Fibrosarcoma	1	0	0	2	0	3	3	2.2	1.7	-	1.5	0	0	0	0	2	0	2	-	1.3		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	3	0	0	0	7	3	10	2.3	5.7	-	3.3	0	0	0	0	3	0	3	-	1.9		
e. Unspecified	0	0	0	1	0	1	1	0.7	0.6	1.0	1.0	0	1	0	0	0	1	1	0.8	0.6		
X GERM CELL TUMOURS	2	0	1	4	7	7	14	5.1	7.9	1.4	1.1	0	1	1	3	8	5	13	3.8	8.0		
a. CNS germ cell	0	0	1	2	1	3	4	2.1	2.2	3.0	4.0	0	0	0	1	0	1	1	0.7	0.6		
b. Other extragonadal	1	0	0	1	2	2	4	1.5	2.3	2.0	4.0	0	1	0	0	1	1	1	0.8	0.6		
c. Gonadal germ cell	1	0	0	1	4	2	6	1.5	3.4	0.7	0.6	0	0	1	2	7	3	10	2.2	6.2		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.6		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
XI CARCINOMA & MELANOMA	0	0	1	4	2	5	7	3.5	3.9	0.7	0.3	1	1	1	4	20	7	27	5.3	16.8		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	0	2	0	2	2	1.4	1.1	0.5	0.1	0	0	1	3	14	4	18	3.0	11.2		
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	1	1	0	0	0	2	2	1.6	1.2		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	1	2	2	3	5	2.1	2.8	3.0	0.7	0	0	0	1	6	1	7	0.7	4.4		
XII OTHER & UNSPECIFIED	1	0	0	0	0	1	1	0.8	0.6	1.0	0.5	0	1	0	0	1	1	2	0.8	1.3		
a. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	0.8	0.6		
b. Other unspecified	1	0	0	0	0	1	1	0.8	0.6	-	1.0	0	0	0	0	1	0	1	-	0.6		
TOTAL	24	71	54	44	72	193	265	141.6	150.5	1.0	1.0	16	84	48	47	77	195	272	149.6	164.9		

† includes 9 non-malignant in males and 24 non-malignant in females

Please consult the quality indicators for this registry

USA, Washington State, Hispanic White (1998-2012)

	Age group	Males	Females
Person-years	0	105 120	100 729
	1-4	404 103	387 295
	5-9	457 585	439 943
	10-14	408 339	389 114
	15-19	396 767	353 673
Total	0-14	1 375 147	1 317 081
	0-19	1 771 914	1 670 754
Average annual population	0-14	91 676	87 805
	0-19	118 128	111 384

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