

USA, Washington State, 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		
I LEUKAEMIA	24	134	92	73	91	323	414	51.4	48.1	1.1	1.2	25	153	69	57	47	304	351	52.5	45.2		
a. Lymphoid	11	115	79	58	61	263	324	41.8	37.9	1.1	1.3	13	132	49	35	18	229	247	40.2	32.9		
b. Acute myeloid	8	13	12	10	17	43	60	6.8	6.8	0.8	0.9	10	14	14	13	19	51	70	8.5	8.4		
c. CMD	0	0	1	4	10	5	15	0.6	1.4	0.8	1.4	0	2	1	3	5	6	11	0.9	1.2		
d. MDS & other	5	5	0	0	3	10	13	1.9	1.7	0.7	0.7	1	3	5	6	4	15	19	2.3	2.2		
e. Unspecified	0	1	0	1	0	2	2	0.3	0.2	0.7	0.5	1	2	0	0	1	3	4	0.6	0.5		
II LYMPHOMA & RELATED	2	25	47	71	154	145	299	20.3	29.7	1.7	1.4	1	12	21	50	127	84	211	12.1	21.6		
a. Hodgkin	0	1	10	28	90	39	129	5.0	12.0	1.1	1.0	0	0	1	34	97	35	132	4.5	12.8		
b. Non-Hodgkin except BL	0	12	24	23	51	59	110	8.5	11.2	2.0	1.9	0	5	12	13	27	30	57	4.5	6.0		
c. Burkitt (BL)	0	6	11	16	10	33	43	4.6	4.5	5.5	4.8	0	2	2	2	3	6	9	0.9	1.0		
d. Lymphoreticular	2	6	2	4	2	14	16	2.3	1.9	1.1	1.2	1	5	6	1	0	13	13	2.2	1.7		
e. Unspecified	0	0	0	0	1	0	1	-	0.1	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	21	110	101	110	112	342	454	52.1	50.6	1.2	1.1	15	76	100	97	134	288	422	45.3	48.0		
a. Ependymoma	7	17	5	7	8	36	44	6.0	5.4	2.3	2.1	0	7	6	3	5	16	21	2.7	2.5		
b. Astrocytoma	5	44	44	39	49	132	181	20.1	20.1	1.0	1.1	7	37	38	48	38	130	168	20.5	19.5		
c. CNS embryonal	3	23	21	15	9	62	71	9.7	8.3	1.5	1.4	5	14	15	8	9	42	51	7.0	6.3		
d. Other gliomas	2	14	20	19	14	55	69	8.1	7.6	1.1	1.0	2	9	25	15	16	51	67	7.9	7.6		
e. Other specified	4	11	10	24	28	49	77	7.1	8.1	1.1	0.7	0	8	15	21	63	44	107	6.5	11.1		
f. Unspecified CNS	0	1	1	6	4	8	12	1.1	1.2	1.6	1.5	1	1	1	2	3	5	8	0.8	0.9		
IV NEUROBLASTOMA	33	40	5	2	2	80	82	14.5	11.4	1.0	1.0	32	37	6	2	5	77	82	14.6	11.8		
a. (Ganglio)neuroblastoma	33	40	5	2	2	80	82	14.5	11.4	1.1	1.1	32	37	6	1	1	76	77	14.5	11.3		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	4	1	5	0.1	0.5		
V RETINOBLASTOMA	8	9	0	0	0	17	17	3.2	2.4	0.7	0.7	9	16	1	0	0	26	26	5.0	3.9		
VI RENAL TUMOURS	6	37	14	4	3	61	64	10.5	8.4	1.1	1.0	7	31	14	3	8	55	63	9.9	8.5		
a. Nephroblastoma	6	37	14	2	0	59	59	10.2	7.9	1.2	1.1	6	30	12	2	2	50	52	9.1	7.2		
b. Renal carcinoma	0	0	0	2	3	2	5	0.2	0.5	0.5	0.5	0	1	2	1	6	4	10	0.6	1.1		
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	0	1	1	0.2	0.2		
VII HEPATIC TUMOURS	4	11	6	3	4	24	28	4.0	3.5	1.5	1.4	4	10	1	1	4	16	20	3.0	2.7		
a. Hepatoblastoma	4	11	6	0	0	21	21	3.6	2.8	1.4	1.4	4	10	0	1	0	15	15	2.9	2.2		
b. Hepatic carcinoma	0	0	0	3	4	3	7	0.4	0.6	3.0	1.4	0	0	1	0	4	1	5	0.2	0.5		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	2	13	37	38	52	90	6.7	8.6	1.4	1.4	1	2	11	24	25	38	63	5.3	6.5		
a. Osteosarcoma	0	2	5	16	21	23	44	3.0	4.2	1.1	1.5	1	2	5	13	9	21	30	3.0	3.2		
b. Chondrosarcoma	0	0	0	1	2	1	3	0.1	0.3	-	0.6	0	0	0	0	5	0	5	-	0.5		
c. Ewing & related	0	0	8	19	14	27	41	3.4	3.9	1.9	1.7	0	0	4	10	10	14	24	1.9	2.4		
d. Other specified	0	0	0	0	1	0	1	-	0.1	0.0	0.5	0	0	1	0	1	1	2	0.2	0.2		
e. Unspecified	0	0	0	1	0	1	1	0.1	0.1	0.5	0.5	0	0	1	1	0	2	2	0.3	0.2		
IX SOFT TISSUE SARCOMA	6	20	18	20	48	64	112	9.8	12.0	0.8	0.9	9	22	18	29	41	78	119	12.5	13.6		
a. Rhabdomyosarcoma	2	14	12	3	11	31	42	5.1	4.9	0.9	1.0	3	15	9	9	7	36	43	6.0	5.3		
b. Fibrosarcoma	2	1	0	5	3	8	11	1.2	1.2	1.1	1.2	3	1	1	2	2	7	9	1.2	1.1		
c. Kaposi sarcoma	0	0	0	0	2	0	2	-	0.2	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	1	4	6	9	26	20	46	2.9	4.6	0.7	0.8	3	5	5	16	28	29	57	4.4	6.1		
e. Unspecified	1	1	0	3	6	5	11	0.7	1.1	0.8	1.1	0	1	3	2	4	6	10	0.9	1.1		
X GERM CELL TUMOURS	9	8	0	15	102	32	134	5.0	13.1	1.1	2.0	4	11	3	11	37	29	66	4.8	7.3		
a. CNS germ cell ‡	3	2	0	9	5	14	19	2.0	2.0	2.8	3.2	0	2	1	2	1	5	6	0.8	0.7		
b. Other extragonadal	4	5	0	1	5	10	15	1.8	1.8	1.0	1.2	4	6	0	0	3	10	13	1.9	1.8		
c. Gonadal germ cell	1	1	0	5	92	7	99	1.0	9.1	0.6	2.5	0	3	2	7	28	12	40	1.8	4.1		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	2	3	2	5	0.3	0.5		
e. Unspecified gonadal	1	0	0	0	0	1	1	0.2	0.1	-	0.5	0	0	0	0	2	0	2	-	0.2		
XI CARCINOMA & MELANOMA	3	4	3	32	89	42	131	5.6	12.4	0.6	0.5	5	2	7	51	220	65	285	8.9	28.0		
a. Adrenocortical	0	0	0	0	1	0	1	-	0.1	0.0	0.3	0	0	1	2	1	3	4	0.4	0.4		
b. Thyroid	0	0	2	7	23	9	32	1.1	3.0	0.5	0.3	0	0	3	14	96	17	113	2.2	10.9		
c. Nasopharyngeal	0	0	1	0	0	1	1	0.1	0.1	1.0	1.0	0	0	0	1	0	1	1	0.1	0.1		
d. Melanoma	2	3	0	11	43	16	59	2.2	5.6	0.6	0.6	5	2	2	18	79	27	106	4.0	10.6		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	2	0	3	3	0.4	0.3		
f. Other & unspecified	1	1	0	14	22	16	38	2.1	3.6	1.1	0.7	0	0	0	14	44	14	58	1.8	5.6		
XII OTHER & UNSPECIFIED	1	1	1	2	3	5	8	0.8	0.9	0.7	0.4	1	2	3	1	11	7	18	1.2	2.0		
a. Other specified	0	1	1	1	2	3	5	0.5	0.5	0.6	0.5	1	1	3	0	5	5	10	0.8	1.1		
b. Other unspecified	1	0	0	1	1	2	3	0.3	0.3	1.0	0.4	0	1	0	1	6	2	8	0.3	0.8		
TOTAL	117	401	300	369	646	1187	1833	183.8	201.0	1.1	1.1	113	374	254	326	659	1067	1726	175.1	198.9		

† includes 93 non-malignant in males and 118 non-malignant in females ‡ includes 3 non-malignant in males and 2 non-malignant in females

Please consult the quality indicators for this registry

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

	Age group	Males	Females
Person-years	0	414 020	393 728
	1-4	1 674 715	1 592 806
	5-9	2 226 821	2 110 975
	10-14	2 417 053	2 285 544
	15-19	2 479 789	2 345 062
Total	0-14	6 732 609	6 383 053
	0-19	9 212 398	8 728 115
Average annual population	0-14	448 841	425 537
	0-19	614 160	581 874

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