

USA, Washington, Seattle, 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	ASR	0-19			0-14	0-19
I LEUKAEMIA	46	304	183	116	127	649	776	29.7	100.0	23.6	100.0	54.2	89.1	41.8	25.5	28.4	52.7	47.2	747	889	98.8	0.0	
a. Lymphoid	20	267	156	84	66	527	593	24.1	81.2	18.1	76.4	23.6	78.2	35.6	18.5	14.8	42.9	36.6	607	681	99.8	0.0	
b. Acute myeloid	18	27	21	21	39	87	126	4.0	13.4	3.8	16.2	21.2	7.9	4.8	4.6	8.7	7.0	7.4	100	143	100.0	0.0	
c. CMD	1	3	0	7	16	11	27	0.5	1.7	0.8	3.5	1.2	0.9	-	1.5	3.6	0.8	1.4	12	30	85.2	0.0	
d. MDS & other	6	5	4	3	6	18	24	0.8	2.8	0.7	3.1	7.1	1.5	0.9	0.7	1.3	1.5	1.5	21	27	83.3	0.0	
e. Unspecified	1	2	2	1	0	6	6	0.3	0.9	0.2	0.8	1.2	0.6	0.5	0.2	-	0.5	0.4	7	7	100.0	0.0	
II LYMPHOMA & RELATED	4	44	64	115	252	227	479	10.4	100.0	14.6	100.0	4.7	12.9	14.6	25.3	56.3	16.4	25.4	256	538	99.0	0.0	
a. Hodgkin	0	2	15	57	168	74	242	3.4	32.6	7.4	50.5	-	0.6	3.4	12.6	37.6	4.9	12.3	82	270	100.0	0.0	
b. Non-Hodgkin except BL	0	23	27	37	67	87	154	4.0	38.3	4.7	32.2	-	6.7	6.2	8.1	15.0	6.4	8.4	99	173	98.7	0.0	
c. Burkitt (BL)	0	8	14	16	13	38	51	1.7	16.7	1.6	10.6	-	2.3	3.2	3.5	2.9	2.8	2.8	43	58	98.0	0.0	
d. Lymphoreticular	4	11	7	5	1	27	28	1.2	11.9	0.9	5.8	4.7	3.2	1.6	1.1	0.2	2.2	1.8	31	32	96.4	0.0	
e. Unspecified	0	0	1	0	3	1	4	0.0	0.4	0.1	0.8	-	-	0.2	-	0.7	0.1	0.2	1	4	75.0	0.0	
III CNS NEOPLASMS	29	165	196	156	128	546	674	25.0	100.0	20.5	100.0	34.2	48.3	44.7	34.4	28.6	42.0	39.0	623	766	76.9	0.0	
a. Ependymoma	7	23	11	10	5	51	56	2.3	9.3	1.7	8.3	8.2	6.7	2.5	2.2	1.1	4.2	3.5	59	64	96.4	0.0	
b. Astrocytoma	9	78	93	82	70	262	332	12.0	48.0	10.1	49.3	10.6	22.9	21.2	18.1	15.7	20.0	19.0	299	377	83.1	0.0	
c. CNS embryonal	8	37	49	25	18	119	137	5.4	21.8	4.2	20.3	9.4	10.8	11.2	5.5	4.0	9.3	8.1	136	156	100.0	0.0	
d. Other gliomas	3	26	41	37	33	107	140	4.9	19.6	4.3	20.8	3.5	7.6	9.4	8.1	7.4	8.0	7.9	122	158	32.1	0.0	
e. Other specified	2	1	2	2	0	7	7	0.3	1.3	0.2	1.0	2.4	0.3	0.5	0.4	-	0.5	0.4	8	8	85.7	0.0	
f. Unspecified CNS	0	0	0	0	2	0	2	-	-	0.1	0.3	-	-	-	-	0.4	-	0.1	-	2	2	0.0	0.0
IV NEUROBLASTOMA	60	81	9	4	6	154	160	7.0	100.0	4.9	100.0	70.7	23.7	2.1	0.9	1.3	13.7	10.9	180	187	98.1	0.0	
a. (Ganglio)neuroblastoma	60	81	9	2	4	152	156	7.0	98.7	4.8	97.5	70.7	23.7	2.1	0.4	0.9	13.6	10.7	178	182	98.1	0.0	
b. Peripheral nervous	0	0	0	2	2	2	4	0.1	1.3	0.1	2.5	-	-	-	0.4	0.4	0.1	0.2	2	4	100.0	0.0	
V RETINOBLASTOMA	25	31	2	0	0	58	58	2.7	100.0	1.8	100.0	29.5	9.1	0.5	-	-	5.2	4.1	68	68	70.7	0.0	
VI RENAL TUMOURS	12	71	32	8	11	123	134	5.6	100.0	4.1	100.0	14.1	20.8	7.3	1.8	2.5	10.4	8.6	143	155	97.8	0.0	
a. Nephroblastoma	12	70	30	4	3	116	119	5.3	94.3	3.6	88.8	14.1	20.5	6.8	0.9	0.7	9.9	7.8	135	138	98.3	0.0	
b. Renal carcinoma	0	1	2	4	8	7	15	0.3	5.7	0.5	11.2	-	0.3	0.5	0.9	1.8	0.5	0.8	8	17	93.3	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VII HEPATIC TUMOURS	6	18	5	3	7	32	39	1.5	100.0	1.2	100.0	7.1	5.3	1.1	0.7	1.6	2.7	2.5	37	45	100.0	0.0	
a. Hepatoblastoma	6	18	4	1	0	29	29	1.3	90.6	0.9	74.4	7.1	5.3	0.9	0.2	-	2.5	2.0	34	34	100.0	0.0	
b. Hepatic carcinoma	0	0	1	2	7	3	10	0.1	9.4	0.3	25.6	-	-	0.2	0.4	1.6	0.2	0.5	3	11	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIII BONE TUMOURS	0	4	24	54	57	82	139	3.8	100.0	4.2	100.0	-	1.2	5.5	11.9	12.7	5.6	7.2	92	155	99.3	0.0	
a. Osteosarcoma	0	3	10	27	26	40	66	1.8	48.8	2.0	47.5	-	0.9	2.3	5.9	5.8	2.7	3.4	45	74	100.0	0.0	
b. Chondrosarcoma	0	0	0	3	4	3	7	0.1	3.7	0.2	5.0	-	-	-	0.7	0.9	0.2	0.3	3	8	85.7	0.0	
c. Ewing & related	0	0	14	22	23	36	59	1.6	43.9	1.8	42.4	-	-	3.2	4.8	5.1	2.4	3.0	40	66	100.0	0.0	
d. Other specified	0	1	0	0	2	1	3	0.0	1.2	0.1	2.2	-	0.3	-	-	0.4	0.1	0.2	1	3	100.0	0.0	
e. Unspecified	0	0	0	2	2	2	4	0.1	2.4	0.1	2.9	-	-	-	0.4	0.4	0.1	0.2	2	4	100.0	0.0	
IX SOFT TISSUE SARCOMA	17	43	36	54	87	150	237	6.9	100.0	7.2	100.0	20.0	12.6	8.2	11.9	19.5	11.6	13.3	171	268	99.6	0.0	
a. Rhabdomyosarcoma	4	31	19	13	16	67	83	3.1	44.7	2.5	35.0	4.7	9.1	4.3	2.9	3.6	5.4	5.0	77	95	100.0	0.0	
b. Fibrosarcoma	7	3	3	7	8	20	28	0.9	13.3	0.9	11.8	8.2	0.9	0.7	1.5	1.8	1.6	1.6	23	32	96.4	0.0	
c. Kaposi sarcoma	0	0	0	0	2	0	2	-	-	0.1	0.8	-	-	-	-	0.4	-	0.1	-	2	2	100.0	0.0
d. Other specified	4	7	13	26	52	50	102	2.3	33.3	3.1	43.0	4.7	2.1	3.0	5.7	11.6	3.6	5.4	56	115	100.0	0.0	
e. Unspecified	2	2	1	8	9	13	22	0.6	8.7	0.7	9.3	2.4	0.6	0.2	1.8	2.0	0.9	1.2	15	25	100.0	0.0	
X GERM CELL TUMOURS	9	17	3	37	133	66	199	3.0	100.0	6.1	100.0	10.6	5.0	0.7	8.1	29.7	4.9	10.5	75	223	99.0	0.0	
a. CNS germ cell	1	1	1	12	4	15	19	0.7	22.7	0.6	9.5	1.2	0.3	0.2	2.6	0.9	1.0	1.0	17	21	94.7	0.0	
b. Other extragonadal	6	10	0	2	7	18	25	0.8	27.3	0.8	12.6	7.1	2.9	-	0.4	1.6	1.6	1.6	21	29	100.0	0.0	
c. Gonadal germ cell	2	6	2	21	116	31	147	1.4	47.0	4.5	73.9	2.4	1.8	0.5	4.6	25.9	2.2	7.6	35	164	99.3	0.0	
d. Gonadal carcinoma	0	0	0	2	5	2	7	0.1	3.0	0.2	3.5	-	-	-	0.4	1.1	0.1	0.4	2	8	100.0	0.0	
e. Unspecified gonadal	0	0	0	0	1	0	1	-	-	0.0	0.5	-	-	-	-	0.2	-	0.1	-	1	1	100.0	0.0
XI CARCINOMA & MELANOMA	1	5	11	73	283	90	373	4.1	100.0	11.4	100.0	1.2	1.5	2.5	16.1	63.3	6.0	18.9	100	416	99.2	0.0	
a. Adrenocortical	1	0	0	2	2	3	5	0.1	3.3	0.2	1.3	1.2	-	-	0.4	0.4	0.2	0.3	3	6	100.0	0.0	
b. Thyroid	0	0	4	21	112	25	137	1.1	27.8	4.2	36.7	-	-	0.9	4.6	25.0	1.6	6.9	28	153	100.0	0.0	
c. Nasopharyngeal	0	0	0	1	0	1	1	0.0	1.1	0.0	0.3	-	-	-	0.2	-	0.1	0.0	1	1	100.0	0.0	
d. Melanoma	0	4	2	23	109	29	138	1.3	32.2	4.2	37.0	-	1.2	0.5	5.1	24.4	2.0	7.0	32	154	99.3	0.0	
e. Skin carcinoma	0	0	1	1	0	2	2	0.1	2.2	0.1	0.5	-	-	0.2	0.2	-	0.1	0.1	2	2	100.0	0.0	
f. Other & unspecified	0	1	4	25	60	30	90	1.4	33.3	2.7	24.1	-	0.3	0.9	5.5	13.4	2.0	4.6	33	100	97.8	0.0	
XII OTHER & UNSPECIFIED	1	3	3	2	7	9	16	0.4	100.0	0.5	100.0	1.2	0.9	0.7	0.4	1.6	0.7	0.9	10	18	93.8	0.0	
a. Other specified	0	2	3	1	3	6	9	0.3	66.7	0.3	56.3	-	0.6	0.7	0.2	0.7	0.5	0.5	7	10	100.0	0.0	
b. Other unspecified	1	1	0	1	4	3	7	0.1	33.3	0.2	43.8	1.2	0.3	-	0.2	0.9	0.2	0.4	3	8	85.7	0.0	
TOTAL	210	786	568	622	1098	2186	3284	100.0	100.0	100.0	100.0	247.5	230.3	129.7	137.0	245.5	172.1	188.6	2502	3729	93.9	0.0	

Please consult the quality indicators for this registry

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

	Males										M/F ratio		Females											
	Number of cases in age groups										0-14	0-19	Number of cases in age groups										0-14	0-19
	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	24	154	92	65	74	335	409	52.8	48.2	1.1	1.1	22	150	91	51	53	314	367	52.5	46.2				
a. Lymphoid	8	136	84	49	46	277	323	43.7	38.3	1.1	1.2	12	131	72	35	20	250	270	42.1	34.7				
b. Acute myeloid	10	14	7	10	20	41	61	6.5	7.0	0.9	0.9	8	13	14	11	19	46	65	7.5	7.8				
c. CMD	1	1	0	4	7	6	13	0.9	1.3	1.2	0.9	0	2	0	3	9	5	14	0.8	1.5				
d. MDS & other	5	2	0	1	1	8	9	1.4	1.2	0.8	0.6	1	3	4	2	5	10	15	1.6	1.8				
e. Unspecified	0	1	1	1	0	3	3	0.4	0.3	1.0	1.0	1	1	1	0	0	3	3	0.5	0.4				
II LYMPHOMA & RELATED	2	30	40	62	140	134	274	19.1	28.5	1.4	1.3	2	14	24	53	112	93	205	13.6	22.1				
a. Hodgkin	0	2	12	21	85	35	120	4.7	11.9	0.9	1.0	0	0	3	36	83	39	122	5.2	12.6				
b. Non-Hodgkin except BL	0	14	14	22	42	50	92	7.2	9.7	1.4	1.5	0	9	13	15	25	37	62	5.6	6.9				
c. Burkitt (BL)	0	6	11	15	9	32	41	4.5	4.4	5.3	4.1	0	2	3	1	4	6	10	1.0	1.2				
d. Lymphoreticular	2	8	2	4	1	16	17	2.6	2.1	1.5	1.5	2	3	5	1	0	11	11	1.8	1.4				
e. Unspecified	0	0	1	0	3	1	4	0.1	0.4	-	-	0	0	0	0	0	0	0	-	-				
III CNS NEOPLASMS	15	93	106	86	68	300	368	45.1	41.6	1.2	1.2	14	72	90	70	60	246	306	38.8	36.3				
a. Ependymoma	7	16	6	6	3	35	38	5.7	4.7	2.2	2.1	0	7	5	4	2	16	18	2.6	2.2				
b. Astrocytoma	2	37	49	43	39	131	170	19.3	18.8	1.0	1.0	7	41	44	39	31	131	162	20.7	19.3				
c. CNS embryonal	4	23	30	13	10	70	80	10.7	9.3	1.4	1.4	4	14	19	12	8	49	57	7.8	6.9				
d. Other gliomas	1	16	19	23	15	59	74	8.6	8.1	1.2	1.1	2	10	22	14	18	48	66	7.4	7.6				
e. Other specified	1	1	2	1	0	5	5	0.8	0.6	2.5	2.5	1	0	0	1	0	2	2	0.3	0.2				
f. Unspecified CNS	0	0	0	0	1	0	1	-	0.1	-	1.0	0	0	0	0	1	0	1	-	0.1				
IV NEUROBLASTOMA	34	42	5	2	3	83	86	14.4	11.5	1.2	1.2	26	39	4	2	3	71	74	13.0	10.4				
a. (Ganglio)neuroblastoma	34	42	5	1	3	82	85	14.3	11.4	1.2	1.2	26	39	4	1	1	70	71	12.9	10.1				
b. Peripheral nervous	0	0	0	1	0	1	1	0.1	0.1	1.0	0.3	0	0	0	1	2	1	3	0.1	0.3				
V RETINOBLASTOMA	12	11	1	0	0	24	24	4.2	3.3	0.7	0.7	13	20	1	0	0	34	34	6.3	4.9				
VI RENAL TUMOURS	5	40	15	5	3	65	68	10.7	8.6	1.1	1.0	7	31	17	3	8	58	66	10.0	8.6				
a. Nephroblastoma	5	40	15	2	0	62	62	10.4	8.0	1.1	1.1	7	30	15	2	3	54	57	9.4	7.6				
b. Renal carcinoma	0	0	0	3	3	3	6	0.4	0.6	0.8	0.7	0	1	2	1	5	4	9	0.6	1.0				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
VII HEPATIC TUMOURS	2	7	4	2	3	15	18	2.4	2.2	0.9	0.9	4	11	1	1	4	17	21	3.1	2.8				
a. Hepatoblastoma	2	7	4	0	0	13	13	2.2	1.7	0.8	0.8	4	11	0	1	0	16	16	2.9	2.3				
b. Hepatic carcinoma	0	0	0	2	3	2	5	0.2	0.5	2.0	1.0	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	1	14	34	39	49	88	6.4	8.8	1.5	1.7	0	3	10	20	18	33	51	4.7	5.5				
a. Osteosarcoma	0	1	4	15	19	20	39	2.6	3.9	1.0	1.4	0	2	6	12	7	20	27	2.9	2.9				
b. Chondrosarcoma	0	0	0	3	1	3	4	0.4	0.4	-	1.3	0	0	0	0	3	0	3	-	0.3				
c. Ewing & related	0	0	10	15	15	25	40	3.3	4.0	2.3	2.1	0	0	4	7	8	11	19	1.5	2.0				
d. Other specified	0	0	0	0	2	0	2	-	0.2	0.0	2.0	0	1	0	0	0	1	1	0.2	0.1				
e. Unspecified	0	0	0	1	2	1	3	0.1	0.3	1.0	3.0	0	0	0	1	0	1	1	0.1	0.1				
IX SOFT TISSUE SARCOMA	9	20	16	28	42	73	115	10.9	12.6	0.9	0.9	8	23	20	26	45	77	122	12.2	14.1				
a. Rhabdomyosarcoma	1	13	9	8	8	31	39	4.8	4.5	0.9	0.9	3	18	10	5	8	36	44	6.1	5.5				
b. Fibrosarcoma	3	2	0	7	1	12	13	1.8	1.5	1.5	0.9	4	1	3	0	7	8	15	1.4	1.8				
c. Kaposi sarcoma	0	0	0	0	2	0	2	-	0.2	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	3	4	7	10	26	24	50	3.5	5.2	0.9	1.0	1	3	6	16	26	26	52	3.8	5.6				
e. Unspecified	2	1	0	3	5	6	11	0.9	1.2	0.9	1.0	0	1	1	5	4	7	11	1.0	1.2				
X GERM CELL TUMOURS	7	5	1	17	93	30	123	4.4	12.5	0.8	1.6	2	12	2	20	40	36	76	5.5	8.4				
a. CNS germ cell	1	0	1	10	4	12	16	1.6	1.6	4.0	5.3	0	1	0	2	0	3	3	0.4	0.3				
b. Other extragonadal	4	2	0	1	5	7	12	1.2	1.4	0.6	0.9	2	8	0	1	2	11	13	2.0	1.8				
c. Gonadal germ cell	2	3	0	6	84	11	95	1.6	9.5	0.6	1.8	0	3	2	15	32	20	52	2.8	5.5				
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	2	5	2	7	0.3	0.7				
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.1				
XI CARCINOMA & MELANOMA	0	3	5	27	84	35	119	4.6	11.8	0.6	0.5	1	2	6	46	199	55	254	7.5	26.5				
a. Adrenocortical	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	2	2	3	5	0.4	0.6				
b. Thyroid	0	0	2	9	18	11	29	1.4	2.8	0.8	0.3	0	0	2	12	94	14	108	1.9	11.2				
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.1	0.1				
d. Melanoma	0	2	0	7	41	9	50	1.2	5.0	0.5	0.6	0	2	2	16	68	20	88	2.8	9.2				
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	1	0	2	2	0.3	0.2				
f. Other & unspecified	0	1	3	11	25	15	40	2.0	4.0	1.0	0.8	0	0	1	14	35	15	50	2.0	5.2				
XII OTHER & UNSPECIFIED	0	1	1	1	2	3	5	0.4	0.5	0.5	0.5	1	2	2	1	5	6	11	1.0	1.3				
a. Other specified	0	1	1	1	2	3	5	0.4	0.5	1.0	1.3	0	1	2	0	1	3	4	0.5	0.5				
b. Other unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	1	1	0	1	4	3	7	0.5	0.8				
TOTAL	110	407	300	329	551	1146	1697	175.6	189.9	1.1	1.1	100	379	268	293	547	1040	1587	168.3	187.2				

Please consult the quality indicators for this registry

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

	Age group	Males	Females
Person-years	0	434 419	414 168
	1-4	1 750 542	1 662 319
	5-9	2 246 990	2 133 422
	10-14	2 332 162	2 208 652
	15-19	2 303 486	2 168 859
Total	0-14	6 764 113	6 418 561
	0-19	9 067 599	8 587 420
Average annual population	0-14	338 206	320 928
	0-19	453 380	429 371

Please consult the quality indicators for this registry