USA, Oregon (1998-2012)

		Number of cases							Percentage				Incidence rates per million person-years									MV	DCO
		Age group							0-14		0-19		Age-specific					ASR		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	0-19	0-19
I	LEUKAEMIA	30	279	158	109	113	576	689	31.7	100.0	25.0	100.0	43.9	101.7	45.3	29.9	30.1	58.2	51.9	827	977	98.7	0.0
	a. Lymphoid	13	239	131	80	63	463	526	25.5	80.4	19.1	76.3	19.0	87.1	37.6	21.9	16.8	46.9	40.2	665	749	99.4	0.0
	b. Acute myeloid	8	29	18	20	34	75	109	4.1	13.0	4.0	15.8	11.7	10.6	5.2	5.5	9.1	7.4	7.8	107	152	100.0	0.0
	c. CMD	1	3	3	4	10	11	21	0.6	1.9	0.8	3.0	1.5	1.1	0.9	1.1	2.7	1.0	1.4	16	29	95.2	0.0
	d. MDS & other	6	6	2	3	5	17	22	0.9	3.0	0.8	3.2	8.8	2.2	0.6	0.8	1.3	1.8	1.7	24	31	90.9	0.0
	e. Unspecified	2	2	4	2	1	10	11	0.6	1.7	0.4	1.6	2.9	0.7	1.1	0.5	0.3	1.0	0.8	14	16	72.7	0.0
II	LYMPHOMA & RELATED	13	39	44	102	221	198	419	10.9	100.0	15.2	100.0	19.0	14.2	12.6	28.0	58.9	18.1	27.2	279	573	99.0	0.5
	a. Hodgkin	0	2	6	53	144	61	205	3.4	30.8	7.4	48.9	-	0.7	1.7	14.5	38.3	5.0	12.5	84	276	99.5	0.0
	b. Non-Hodgkin except BL	1	13	23	35	54	72	126	4.0	36.4	4.6	30.1	1.5	4.7	6.6	9.6	14.4	6.5	8.3	101	173	98.4	0.8
	c. Burkitt (BL)	0	6	11	13	18	30	48	1.7	15.2	1.7	11.5	-	2.2	3.2	3.6	4.8	2.7	3.2	42	66	100.0	0.0
	d. Lymphoreticular	12	18	4	1	3	35	38	1.9	17.7	1.4	9.1	17.6	6.6	1.1	0.3	0.8	3.8	3.2	51	55	97.4	2.6
	e. Unspecified	0	0	0	0	2	0	2	-	-	0.1	0.5	-	-	-	-	0.5	-	0.1	-	3	100.0	0.0
III	CNS NEOPLASMS †	26	135	159	158	173	478	651	26.3	100.0	23.6	100.0	38.1	49.2	45.6	43.3	46.1	45.5	45.6	679	910	76.7	0.3
	a. Ependymoma	6	16	7	8	12	37	49	2.0	7.7	1.8	7.5	8.8	5.8	2.0	2.2	3.2	3.8	3.6	53	69	100.0	0.0
	b. Astrocytoma	10	56	59	63	55	188	243	10.3	39.3	8.8	37.3	14.6	20.4	16.9	17.3	14.6	17.9	17.2	267	340	82.7	0.0
	c. CNS embryonal	5	33	42	22	8	102	110	5.6	21.3	4.0	16.9	7.3	12.0	12.0	6.0	2.1	9.9	8.2	146	156	100.0	0.0
	d. Other gliomas	1	16	22	25	24	64	88	3.5	13.4	3.2	13.5	1.5	5.8	6.3	6.9	6.4	5.9	6.0	91	123	37.5	0.0
	e. Other specified	3	10	25	34	71	72	143	4.0	15.1	5.2	22.0	4.4	3.6	7.2	9.3	18.9	6.5	9.3	101	196	69.9	0.0
	f. Unspecified CNS	1	4	4	6	3	15	18	0.8	3.1	0.7	2.8	1.5	1.5	1.1	1.6	0.8	1.4	1.3	21	25	33.3	11.1
IV	NEUROBLASTOMA	37	45	10	1	0	93	93	5.1	100.0	3.4	100.0	54.2	16.4	2.9	0.3	-	10.3	8.0	135	135	97.8	0.0
	a. (Ganglio)neuroblastoma	37	45	10	1	0	93	93	5.1	100.0	3.4	100.0	54.2	16.4	2.9	0.3	-	10.3	8.0	135	135	97.8	0.0
	b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V	RETINOBLASTOMA	17	24	2	0	0	43	43	2.4	100.0	1.6	100.0	24.9	8.7	0.6	-	-	4.8	3.7	63	63	65.1	0.0
VI	RENAL TUMOURS	14	51	29	3	6	97	103	5.3	100.0	3.7	100.0	20.5	18.6	8.3	0.8	1.6	10.3	8.3	141	148	99.0	0.0
	a. Nephroblastoma	14	51	28	2	2	95	97	5.2	97.9	3.5	94.2	20.5	18.6	8.0	0.5	0.5	10.1	7.9	138	140	99.0	0.0
	b. Renal carcinoma	0	0	1	1	4	2	6	0.1	2.1	0.2	5.8	-	-	0.3	0.3	1.1	0.2	0.4	3	8	100.0	0.0
	c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII	HEPATIC TUMOURS	8	11	3	1	8	23	31	1.3	100.0	1.1	100.0	11.7	4.0	0.9	0.3	2.1	2.5	2.4	33	44	100.0	0.0
	a. Hepatoblastoma	8	10	3	1	0	22	22	1.2	95.7	0.8	71.0	11.7	3.6	0.9	0.3	-	2.4	1.9	32	32	100.0	0.0
	b. Hepatic carcinoma	0	1	0	0	8	1	9	0.1	4.3	0.3	29.0	-	0.4	-	-	2.1	0.1	0.6	1	12	100.0	0.0
	c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII	BONE TUMOURS	0	7	18	43	66	68	134	3.7	100.0	4.9	100.0	-	2.6	5.2	11.8	17.6	5.9	8.5	95	183	98.5	0.7
	a. Osteosarcoma	0	1	5	26	43	32	75	1.8	47.1	2.7	56.0	-	0.4	1.4	7.1	11.5	2.6	4.6	44	102	100.0	0.0
	b. Chondrosarcoma	0	0	0	1	2	1	3	0.1	1.5	0.1	2.2	-	-	-	0.3	0.5	0.1	0.2	1	4	100.0	0.0
	c. Ewing & related	0	6	12	14	17	32	49	1.8	47.1	1.8	36.6	-	2.2	3.4	3.8	4.5	2.9	3.3	45	68	98.0	0.0
	d. Other specified	0	0	1	2	2	3	5	0.2	4.4	0.2	3.7	-	-	0.3	0.5	0.5	0.3	0.3	4	7	100.0	0.0
	e. Unspecified	0	0	0	0	2	0	2	-	-	0.1	1.5	-	-	-	-	0.5	-	0.1	-	3	50.0	50.0
IX	SOFT TISSUE SARCOMA	10	32	19	34	43	95	138	5.2	100.0	5.0	100.0	14.6	11.7	5.4	9.3	11.5	9.2	9.7	135	192	98.6	0.0
	a. Rhabdomyosarcoma	4	22	11	17	4	54	58	3.0	56.8	2.1	42.0	5.9	8.0	3.2	4.7	1.1	5.3	4.4	77	82	100.0	0.0
	b. Fibrosarcoma	2	2	1	3	6	8	14	0.4	8.4	0.5	10.1	2.9	0.7	0.3	0.8	1.6	0.8	1.0	11	19	100.0	0.0
	c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	d. Other specified	4	6	5	14	25	29	54	1.6	30.5	2.0	39.1	5.9	2.2	1.4	3.8	6.7	2.7	3.6	41	74	100.0	0.0
	e. Unspecified	0	2	2	0	8	4	12	0.2	4.2	0.4	8.7	-	0.7	0.6	-	2.1	0.4	0.8	6	16	83.3	0.0
X	GERM CELL TUMOURS	8	10	14	27	117	59	176	3.2	100.0	6.4	100.0	11.7	3.6	4.0	7.4	31.2	5.5	11.3	83	239	94.9	0.0
	a. CNS germ cell ‡	0	2	8	11	8	21	29	1.2	35.6	1.1	16.5	-	0.7	2.3	3.0	2.1	1.8	1.9	29	40	89.7	0.0
	b. Other extragonadal	4	5	1	3	6	13	19	0.7	22.0	0.7	10.8	5.9	1.8	0.3	0.8	1.6	1.3	1.4	19	27	84.2	0.0
	c. Gonadal germ cell	4	3	4	11	95	22	117	1.2	37.3	4.2	66.5	5.9	1.1	1.1	3.0	25.3	2.0	7.3	31	158	100.0	0.0
	d. Gonadal carcinoma	0	0	0	1	6	1	7	0.1	1.7	0.3	4.0	-	-	-	0.3	1.6	0.1	0.4	1	9	71.4	0.0
	e. Unspecified gonadal	0	0	1	1	2	2	4	0.1	3.4	0.1	2.3	-	-	0.3	0.3	0.5	0.2	0.3	3	5	75.0	0.0
XI	CARCINOMA & MELANOMA	7	4	20	52	190	83	273	4.6	100.0	9.9	100.0	10.2	1.5	5.7	14.3	50.6	7.2	17.0	116	369	99.6	0.0
	a. Adrenocortical	2	0	0	0	1	2	3	0.1	2.4	0.1	1.1	2.9	-	-	-	0.3	0.2	0.2	3	4	100.0	0.0
	b. Thyroid	0	1	11	26	71	38	109	2.1	45.8	4.0	39.9	-	0.4	3.2	7.1	18.9	3.2	6.7	53	147	100.0	0.0
	c. Nasopharyngeal	0	0	0	1	3	1	4	0.1	1.2	0.1	1.5	-	-	-	0.3	0.8	0.1	0.2	1	5	100.0	0.0
	d. Melanoma	5	3	6	12	87	26	113	1.4	31.3	4.1	41.4	7.3	1.1	1.7	3.3	23.2	2.4	7.1	37	153	99.1	0.0
	e. Skin carcinoma	0	0	0	1	0	1	1	0.1	1.2	0.0	0.4	-	-	-	0.3	-	0.1	0.1	1	1	100.0	0.0
	f. Other & unspecified	0	0	3	12	28	15	43	0.8	18.1	1.6	15.8	-	-	0.9	3.3	7.5	1.2	2.6	21	58	100.0	0.0
XII	OTHER & UNSPECIFIED	2	2	0	0	4	4	8	0.2	100.0	0.3	100.0	2.9	0.7	-	-	1.1	0.5	0.6	6	11	100.0	0.0
	a. Other specified	2	2	0	0	2	4	6	0.2	100.0	0.2	75.0	2.9	0.7	-	-	0.5	0.5	0.5	6	8	100.0	0.0
	b. Other unspecified	0	0	0	0	2	0	2	-	-	0.1	25.0	-	-	-	-	0.5	-	0.1	-	3	100.0	0.0
	TOTAL	172	639	476	530	941	1817	2758	100.0	100.0	100.0	100.0	251.8	232.8	136.5	145.3	250.6	177.8	194.2	2592	3845	92.9	0.2

† includes 161 non-malignant ‡ includes 5 non-malignant

Please consult the quality indicators for this registry

USA, Oregon (1998-2012)

	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	15	143	83	67	65	308	373	60.3	54.3	1.1	1.2	15	136	75	42	48	268	316	56.0	49.3
a. Lymphoid	5	119	67	50	43	241	284	47.3	41.6	1.1	1.2	8	120	64	30	20	222	242	46.6	38.6
b. Acute myeloid	5	17	10	12	15	44	59	8.5	8.4	1.4	1.2	3	12	8	8	19	31	50	6.3	7.2
c. CMD	0	2	3	3	4	8	12	1.5	1.6	2.7	1.3	1	1	0	1	6	3	9	0.6	1.2
d. MDS & other	5	4	1	1	2	11	13	2.3	2.0	1.8	1.4	1	2	1	2	3	6	9	1.2	1.3
e. Unspecified	0	1	2	1	1	4	5	0.7	0.7	0.7	0.8	2	1	2	1	0	6	6	1.2	1.0
II LYMPHOMA & RELATED	8	26	36	64	129	134	263	24.0	33.6	2.1	1.7	5	13	8	38	92	64	156	11.9	20.5
a. Hodgkin	0	2	5	30	71	37	108	6.0	12.9	1.5	1.1	0	0	1	23	73	24	97	3.9	12.1
b. Non-Hodgkin except BL	0	8	19	24	39	51	90	8.9	11.5	2.4	2.5	1	5	4	11	15	21	36	3.9	4.9
c. Burkitt (BL)	0	6	10	10	15	26	41	4.7	5.4	6.5	5.9	0	0	1	3	3	4	7	0.7	0.9
d. Lymphoreticular	8	10	2	0	2	20	22	4.3	3.6	1.3	1.4	4	8	2	1	1	15	16	3.3	2.7
e. Unspecified	0	0	0	0	2	0	2	-	0.2	-	-	0	0	0	0	0	0	0	-	-
III CNS NEOPLASMS †	17	72	87	74	87	250	337	46.9	46.5	1.1	1.1	9	63	72	84	86	228	314	44.0	44.7
a. Ependymoma	5	11	4	4	7	24	31	4.9	4.6	1.8	1.7	1	5	3	4	5	13	18	2.6	2.6
b. Astrocytoma	6	29	25	29	28	89	117	16.8	16.2	0.9	0.9	4	27	34	34	27	99	126	19.2	18.2
c. CNS embryonal	3	21	31	11	5	66	71	12.6	10.4	1.8	1.8	2	12	11	11	3	36	39	7.1	5.9
d. Other gliomas	1	5	13	11	17	30	47	5.4	6.2	0.9	1.1	0	11	9	14	7	34	41	6.5	5.9
e. Other specified	1	5	12	18	28	36	64	6.3	8.1	1.0	0.8	2	5	13	16	43	36	79	6.7	10.5
f. Unspecified CNS	1	1	2	1	2	5	7	1.0	1.0	0.5	0.6	0	3	2	5	1	10	11	1.9	1.6
IV NEUROBLASTOMA	24	28	5	1	0	58	58	12.5	9.7	1.7	1.7	13	17	5	0	0	35	35	7.9	6.1
a. (Ganglio)neuroblastoma	24	28	5	1	0	58	58	12.5	9.7	1.7	1.7	13	17	5	0	0	35	35	7.9	6.1
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-
V RETINOBLASTOMA	7	12	2	0	0	21	21	4.6	3.5	1.0	1.0	10	12	0	0	0	22	22	5.1	3.9
VI RENAL TUMOURS	9	24	13	1	2	47	49	9.8	7.8	0.9	0.9	5	27	16	2	4	50	54	10.8	8.8
a. Nephroblastoma	9	24	12	1	0	46	46	9.6	7.5	0.9	0.9	5	27	16	1	2	49	51	10.6	8.5
b. Renal carcinoma	0	0	1	0	2	1	3	0.2	0.4	1.0	1.0	0	0	0	1	2	1	3	0.2	0.4
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-
VII HEPATIC TUMOURS	5	4	1	0	5	10	15	2.2	2.3	0.8	0.9	3	7	2	1	3	13	16	2.9	2.6
a. Hepatoblastoma	5	3	1	0	0	9	9	1.9	1.5	0.7	0.7	3	7	2	1	0	13	13	2.9	2.2
b. Hepatic carcinoma	0	1	0	0	5	1	6	0.2	0.8	-	2.0	0	0	0	0	3	0	3	-	0.4
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-
VIII BONE TUMOURS	0	3	8	22	46	33	79	5.5	9.6	0.9	1.4	0	4	10	21	20	35	55	6.2	7.3
a. Osteosarcoma	0	0	3	14	30	17	47	2.7	5.6	1.1	1.7	0	1	2	12	13	15	28	2.6	3.6
b. Chondrosarcoma	0	0	0	1	0	1	1	0.2	0.1	-	0.5	0	0	0	0	2	0	2	-	0.2
c. Ewing & related	0	3	5	5	14	13	27	2.3	3.4	0.7	1.2	0	3	7	9	3	19	22	3.5	3.1
d. Other specified	0	0	0	2	1	2	3	0.3	0.4	2.0	1.5	0	0	1	0	1	1	2	0.2	0.3
e. Unspecified	0	0	0	0	1	0	1	-	0.1	-	1.0	0	0	0	0	1	0	1	-	0.1
IX SOFT TISSUE SARCOMA	3	15	12	18	21	48	69	8.9	9.4	1.0	1.0	7	17	7	16	22	47	69	9.5	10.1
a. Rhabdomyosarcoma	1	13	7	10	3	31	34	5.9	4.9	1.3	1.4	3	9	4	7	1	23	24	4.7	3.7
b. Fibrosarcoma	1	0	1	1	3	3	6	0.6	0.8	0.6	0.8	1	2	0	2	3	5	8	1.0	1.2
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-
d. Other specified	1	1	2	7	13	11	24	1.9	3.0	0.6	0.8	3	5	3	7	12	18	30	3.6	4.2
e. Unspecified	0	1	2	0	2	3	5	0.6	0.7	3.0	0.7	0	1	0	0	6	1	7	0.2	0.9
X GERM CELL TUMOURS	4	7	5	14	94	30	124	5.5	15.2	1.0	2.4	4	3	9	13	23	29	52	5.4	7.1
a. CNS germ cell ‡	0	2	4	10	5	16	21	2.7	2.7	3.2	2.6	0	0	4	1	3	5	8	0.9	1.1
b. Other extragonadal	1	2	1	3	5	7	12	1.3	1.6	1.2	1.7	3	3	0	0	1	6	7	1.4	1.2
c. Gonadal germ cell	3	3	0	1	81	7	88	1.5	10.6	0.5	3.0	1	0	4	10	14	15	29	2.6	3.8
d. Gonadal carcinoma	0	0	0	0	2	0	2	-	0.2	0.0	0.4	0	0	0	1	4	1	5	0.2	0.6
e. Unspecified gonadal	0	0	0	0	1	0	1	-	0.1	0.0	0.3	0	0	1	1	1	2	3	0.4	0.4
XI CARCINOMA & MELANOMA	3	2	5	16	64	26	90	4.5	10.9	0.5	0.5	4	2	15	36	126	57	183	10.1	23.4
a. Adrenocortical	1	0	0	0	1	1	2	0.2	0.3	1.0	2.0	1	0	0	0	0	1	1	0.2	0.2
b. Thyroid	0	0	5	7	14	12	26	2.0	3.2	0.5	0.3	0	1	6	19	57	26	83	4.5	10.5
c. Nasopharyngeal	0	0	0	1	2	1	3	0.2	0.4	-	3.0	0	0	0	0	1	0	1	-	0.1
d. Melanoma	2	2	0	4	33	8	41	1.5	5.0	0.4	0.6	3	1	6	8	54	18	72	3.4	9.3
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.2	0.1
f. Other & unspecified	0	0	0	4	14	4	18	0.6	2.1	0.4	0.7	0	0	3	8	14	11	25	1.9	3.2
XII OTHER & UNSPECIFIED	2	0	0	0	0	2	2	0.4	0.3	1.0	0.3	0	2	0	0	4	2	6	0.5	0.9
a. Other specified	2	0	0	0	0	2	2	0.4	0.3	1.0	0.5	0	2	0	0	2	2	4	0.5	0.6
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	0.2
TOTAL	97	336	257	277	513	967	1480	185.1	203.3	1.1	1.2	75	303	219	253	428	850	1278	170.1	184.6

† includes 74 non-malignant in males and 87 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, Oregon (1998-2012)

	Age group	Males	Females
Person-years	0	350 325	332 827
	1-4	1 402 296	1 342 115
	5-9	1 784 443	1 703 353
	10-14	1 868 681	1 778 247
	15-19	1 930 051	1 825 094
Total	0-14	5 405 745	5 156 542
	0-19	7 335 796	6 981 636
Average annual population	0-14	360 383	343 769
	0-19	489 053	465 442

Please consult the quality indicators for this registry