

## USA, California, San José, NH 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
<b>I LEUKAEMIA</b>	8	103	60	40	31	211	242	35.2	100.0	27.2	100.0	35.8	111.1	52.8	34.0	25.8	64.3	55.6	916	1045	99.6	0.0
a. Lymphoid	3	90	52	26	19	171	190	28.5	81.0	21.4	78.5	13.4	97.1	45.8	22.1	15.8	52.5	44.2	743	823	99.5	0.0
b. Acute myeloid	5	10	5	14	10	34	44	5.7	16.1	4.9	18.2	22.4	10.8	4.4	11.9	8.3	9.9	9.6	147	188	100.0	0.0
c. CMD	0	0	0	0	2	0	2	-	-	0.2	0.8	-	-	-	-	1.7	-	0.4	-	8	100.0	0.0
d. MDS & other	0	3	0	0	0	3	3	0.5	1.4	0.3	1.2	-	3.2	-	-	-	1.0	0.8	13	13	100.0	0.0
e. Unspecified	0	0	3	0	0	3	3	0.5	1.4	0.3	1.2	-	-	2.6	-	-	0.9	0.7	13	13	100.0	0.0
<b>II LYMPHOMA &amp; RELATED</b>	3	12	13	27	67	55	122	9.2	100.0	13.7	100.0	13.4	12.9	11.4	22.9	55.8	15.4	24.5	237	516	99.2	0.0
a. Hodgkin	0	1	4	15	44	20	64	3.3	36.4	7.2	52.5	-	1.1	3.5	12.7	36.6	5.2	12.3	86	269	100.0	0.0
b. Non-Hodgkin except BL	0	6	5	9	18	20	38	3.3	36.4	4.3	31.1	-	6.5	4.4	7.6	15.0	5.7	7.8	86	161	100.0	0.0
c. Burkitt (BL)	0	1	3	3	3	7	10	1.2	12.7	1.1	8.2	-	1.1	2.6	2.5	1.9	2.1	30	43	100.0	0.0	
d. Lymphoreticular	3	4	1	0	1	8	9	1.3	14.5	1.0	7.4	13.4	4.3	0.9	-	0.8	2.6	2.2	35	39	100.0	0.0
e. Unspecified	0	0	0	0	1	0	1	-	-	0.1	0.8	-	-	-	-	0.8	-	0.2	-	4	0.0	0.0
<b>III CNS NEOPLASMS</b>	10	53	39	34	24	136	160	22.7	100.0	18.0	100.0	44.8	57.2	34.3	28.9	20.0	40.7	36.0	590	690	92.5	0.6
a. Ependymoma	2	7	1	3	4	13	17	2.2	9.6	1.9	10.6	9.0	7.6	0.9	2.5	3.3	4.1	3.9	56	73	100.0	0.0
b. Astrocytoma	2	28	22	17	14	69	83	11.5	50.7	9.3	51.9	9.0	30.2	19.4	14.4	11.7	20.5	18.5	299	358	95.2	0.0
c. CNS embryonal	5	14	10	8	3	37	40	6.2	27.2	4.5	25.0	22.4	15.1	8.8	6.8	2.5	11.2	9.2	161	173	100.0	0.0
d. Other gliomas	1	2	5	4	2	12	14	2.0	8.8	1.6	8.8	4.5	2.2	4.4	3.4	1.7	3.4	3.0	52	60	50.0	0.0
e. Other specified	0	1	1	2	0	4	4	0.7	2.9	0.4	2.5	-	1.1	0.9	1.7	-	1.1	0.9	17	17	100.0	0.0
f. Unspecified CNS	0	1	0	0	1	1	2	0.2	0.7	0.2	1.3	-	1.1	-	-	0.8	0.3	0.4	4	9	50.0	50.0
<b>IV NEUROBLASTOMA</b>	14	18	7	0	1	39	40	6.5	100.0	4.5	100.0	62.7	19.4	6.2	-	0.8	12.8	10.1	170	174	100.0	0.0
a. (Ganglio)neuroblastoma	14	18	7	0	0	39	39	6.5	100.0	4.4	97.5	62.7	19.4	6.2	-	-	12.8	9.9	170	170	100.0	0.0
b. Peripheral nervous	0	0	0	0	1	0	1	-	-	0.1	2.5	-	-	-	-	0.8	-	0.2	-	4	100.0	0.0
<b>V RETINOBLASTOMA</b>	4	8	0	0	0	12	12	2.0	100.0	1.3	100.0	17.9	8.6	-	-	-	4.0	3.1	52	52	91.7	0.0
<b>VI RENAL TUMOURS</b>	4	21	3	0	1	28	29	4.7	100.0	3.3	100.0	17.9	22.7	2.6	-	0.8	9.3	7.4	122	126	96.6	0.0
a. Nephroblastoma	4	21	3	0	0	28	28	4.7	100.0	3.1	96.6	17.9	22.7	2.6	-	-	9.3	7.2	122	122	96.4	0.0
b. Renal carcinoma	0	0	0	0	1	0	1	-	-	0.1	3.4	-	-	-	-	0.8	-	0.2	-	4	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VII HEPATIC TUMOURS</b>	2	6	2	1	1	11	12	1.8	100.0	1.3	100.0	9.0	6.5	1.8	0.8	0.8	3.5	2.9	48	52	91.7	0.0
a. Hepatoblastoma	2	6	1	0	0	9	9	1.5	81.8	1.0	75.0	9.0	6.5	0.9	-	-	3.0	2.3	39	39	88.9	0.0
b. Hepatic carcinoma	0	0	1	1	1	2	3	0.3	18.2	0.3	25.0	-	-	0.9	0.8	0.8	0.5	0.6	9	13	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VIII BONE TUMOURS</b>	0	3	7	11	27	21	48	3.5	100.0	5.4	100.0	-	3.2	6.2	9.3	22.5	5.7	9.5	91	203	97.9	0.0
a. Osteosarcoma	0	0	4	6	15	10	25	1.7	47.6	2.8	52.1	-	-	3.5	5.1	12.5	2.6	4.8	43	106	96.0	0.0
b. Chondrosarcoma	0	0	0	1	1	1	2	0.2	4.8	0.2	4.2	-	-	-	0.8	0.8	0.2	0.4	4	8	100.0	0.0
c. Ewing & related	0	3	3	4	8	10	18	1.7	47.6	2.0	37.5	-	3.2	2.6	3.4	6.7	2.8	3.7	43	77	100.0	0.0
d. Other specified	0	0	0	0	2	0	2	-	-	0.2	4.2	-	-	-	-	1.7	-	0.4	-	8	100.0	0.0
e. Unspecified	0	0	0	0	1	0	1	-	-	0.1	2.1	-	-	-	-	0.8	-	0.2	-	4	100.0	0.0
<b>IX SOFT TISSUE SARCOMA</b>	2	12	9	10	17	33	50	5.5	100.0	5.6	100.0	9.0	12.9	7.9	8.5	14.2	9.7	10.7	143	214	100.0	0.0
a. Rhabdomyosarcoma	1	9	3	4	5	17	22	2.8	51.5	2.5	44.0	4.5	9.7	2.6	3.4	4.2	5.2	5.0	74	94	100.0	0.0
b. Fibrosarcoma	1	1	1	0	2	3	5	0.5	9.1	0.6	10.0	4.5	1.1	0.9	-	1.7	1.0	1.1	13	21	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	0	2	4	6	10	12	22	2.0	36.4	2.5	44.0	-	2.2	3.5	5.1	8.3	3.3	4.4	52	93	100.0	0.0
e. Unspecified	0	0	1	0	0	1	1	0.2	3.0	0.1	2.0	-	-	0.9	-	-	0.3	0.2	4	4	100.0	0.0
<b>X GERM CELL TUMOURS</b>	7	3	8	8	43	26	69	4.3	100.0	7.8	100.0	31.3	3.2	7.0	6.8	35.8	7.6	14.0	113	292	100.0	0.0
a. CNS germ cell	0	0	5	2	4	7	11	1.2	26.9	1.2	15.9	-	-	4.4	1.7	3.3	1.9	2.2	30	47	100.0	0.0
b. Other extragonadal	6	2	0	0	2	8	10	1.3	30.8	1.1	14.5	26.9	2.2	-	-	1.7	2.7	2.5	35	43	100.0	0.0
c. Gonadal germ cell	0	1	3	6	36	10	46	1.7	38.5	5.2	66.7	-	1.1	2.6	5.1	30.0	2.7	8.8	43	193	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	1	0	1	-	-	0.1	1.4	-	-	-	-	0.8	-	0.2	-	4	100.0	0.0
e. Unspecified gonadal	1	0	0	0	0	1	1	0.2	3.8	0.1	1.4	4.5	-	-	-	-	0.3	0.3	4	4	100.0	0.0
<b>XI CARCINOMA &amp; MELANOMA</b>	0	1	5	21	77	27	104	4.5	100.0	11.7	100.0	-	1.1	4.4	17.8	64.1	6.9	19.8	116	436	99.0	0.0
a. Adrenocortical	0	0	0	1	0	1	1	0.2	3.7	0.1	1.0	-	-	-	0.8	-	0.2	0.2	4	4	100.0	0.0
b. Thyroid	0	0	3	6	23	9	32	1.5	33.3	3.6	30.8	-	-	2.6	5.1	19.2	2.3	6.1	39	134	100.0	0.0
c. Nasopharyngeal	0	0	0	3	0	3	3	0.5	11.1	0.3	2.9	-	-	-	2.5	-	0.7	0.6	13	13	100.0	0.0
d. Melanoma	0	1	1	4	41	6	47	1.0	22.2	5.3	45.2	-	1.1	0.9	3.4	34.1	1.6	8.9	26	196	97.9	0.0
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	0	0	1	7	13	8	21	1.3	29.6	2.4	20.2	-	-	0.9	5.9	10.8	2.0	4.0	34	88	100.0	0.0
<b>XII OTHER &amp; UNSPECIFIED</b>	0	1	0	0	0	1	1	0.2	100.0	0.1	100.0	-	1.1	-	-	-	0.3	0.3	4	4	100.0	0.0
a. Other specified	0	1	0	0	0	1	1	0.2	100.0	0.1	100.0	-	1.1	-	-	-	0.3	0.3	4	4	100.0	0.0
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	54	241	153	152	289	600	889	100.0	100.0	100.0	100.0	241.7	260.0	134.6	129.1	240.7	180.2	193.8	2601	3805	97.9	0.1

Please consult the quality indicators for this registry

## USA, California, San José, NH White (1993-2012)

	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		
<b>I LEUKAEMIA</b>	4	43	44	25	16	116	132	67.1	57.8	1.2	1.2	4	60	16	15	15	95	110	61.2	53.3		
a. Lymphoid	2	39	38	17	11	96	107	56.0	47.4	1.3	1.3	1	51	14	9	8	75	83	48.7	40.8		
b. Acute myeloid	2	3	3	8	5	16	21	8.8	8.6	0.9	0.9	3	7	2	6	5	18	23	11.1	10.6		
c. CMD	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	0.8		
d. MDS & other	0	1	0	0	0	1	1	0.7	0.5	0.5	0.5	0	2	0	0	0	2	2	1.4	1.1		
e. Unspecified	0	0	3	0	0	3	3	1.7	1.3	-	-	0	0	0	0	0	0	0	-	-		
<b>II LYMPHOMA &amp; RELATED</b>	3	6	9	14	33	32	65	17.6	25.6	1.4	1.1	0	6	4	13	34	23	57	13.1	23.4		
a. Hodgkin	0	0	2	6	21	8	29	4.0	10.7	0.7	0.8	0	1	2	9	23	12	35	6.4	13.9		
b. Non-Hodgkin except BL	0	4	4	6	9	14	23	7.7	9.2	2.3	1.5	0	2	1	3	9	6	15	3.5	6.2		
c. Burkitt (BL)	0	0	3	2	1	5	6	2.6	2.4	2.5	1.5	0	1	0	1	2	2	4	1.2	1.7		
d. Lymphoreticular	3	2	0	0	1	5	6	3.3	2.9	1.7	2.0	0	2	1	0	0	3	3	2.0	1.5		
e. Unspecified	0	0	0	0	1	0	1	-	0.4	-	-	0	0	0	0	0	0	0	-	-		
<b>III CNS NEOPLASMS</b>	3	31	15	19	9	68	77	39.7	34.0	1.0	0.9	7	22	24	15	15	68	83	41.7	38.1		
a. Ependymoma	2	3	1	2	2	8	10	4.8	4.4	1.6	1.4	0	4	0	1	2	5	7	3.3	3.3		
b. Astrocytoma	0	18	7	7	5	32	37	19.0	16.6	0.9	0.8	2	10	15	10	9	37	46	22.1	20.7		
c. CNS embryonal	1	8	4	6	0	19	19	11.0	8.5	1.1	0.9	4	6	6	2	3	18	21	11.4	10.0		
d. Other gliomas	0	1	2	3	2	6	8	3.2	3.2	1.0	1.3	1	1	3	1	0	6	6	3.6	2.8		
e. Other specified	0	1	1	1	0	3	3	1.7	1.3	3.0	3.0	0	0	0	1	0	1	1	0.5	0.4		
f. Unspecified CNS	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	1	1	2	0.7	0.9		
<b>IV NEUROBLASTOMA</b>	4	13	4	0	0	21	21	13.4	10.4	1.2	1.1	10	5	3	0	1	18	19	12.1	9.8		
a. (Ganglio)neuroblastoma	4	13	4	0	0	21	21	13.4	10.4	1.2	1.2	10	5	3	0	0	18	18	12.1	9.4		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.4		
<b>V RETINOBLASTOMA</b>	3	3	0	0	0	6	6	3.9	3.1	1.0	1.0	1	5	0	0	0	6	6	4.1	3.2		
<b>VI RENAL TUMOURS</b>	2	12	0	0	0	14	14	9.2	7.1	1.0	0.9	2	9	3	0	1	14	15	9.4	7.6		
a. Nephroblastoma	2	12	0	0	0	14	14	9.2	7.1	1.0	1.0	2	9	3	0	0	14	14	9.4	7.2		
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.4		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VII HEPATIC TUMOURS</b>	1	3	1	1	1	6	7	3.7	3.2	1.2	1.4	1	3	1	0	0	5	5	3.3	2.6		
a. Hepatoblastoma	1	3	0	0	0	4	4	2.6	2.0	0.8	0.8	1	3	1	0	0	5	5	3.3	2.6		
b. Hepatic carcinoma	0	0	1	1	1	2	3	1.0	1.2	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VIII BONE TUMOURS</b>	0	3	3	5	20	11	31	6.0	11.9	1.1	1.8	0	0	4	6	7	10	17	5.4	6.9		
a. Osteosarcoma	0	0	2	2	9	4	13	2.1	4.9	0.7	1.1	0	0	2	4	6	6	12	3.2	4.8		
b. Chondrosarcoma	0	0	0	1	1	1	2	0.5	0.7	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	3	1	2	7	6	13	3.5	5.2	1.5	2.6	0	0	2	2	1	4	5	2.2	2.1		
d. Other specified	0	0	0	0	2	0	2	-	0.7	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	1	0	1	-	0.4	-	-	0	0	0	0	0	0	0	-	-		
<b>IX SOFT TISSUE SARCOMA</b>	1	7	5	5	7	18	25	10.4	10.6	1.2	1.0	1	5	4	5	10	15	25	9.0	10.9		
a. Rhabdomyosarcoma	0	5	2	2	1	9	10	5.3	4.5	1.1	0.8	1	4	1	2	4	8	12	5.1	5.5		
b. Fibrosarcoma	1	1	0	0	1	2	3	1.3	1.4	2.0	1.5	0	0	1	0	1	1	2	0.6	0.8		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	1	2	3	5	6	11	3.2	4.3	1.0	1.0	0	1	2	3	5	6	11	3.4	4.6		
e. Unspecified	0	0	1	0	0	1	1	0.6	0.4	-	-	0	0	0	0	0	0	0	-	-		
<b>X GERM CELL TUMOURS</b>	5	1	4	5	33	15	48	8.5	18.6	1.4	2.3	2	2	4	3	10	11	21	6.6	9.0		
a. CNS germ cell	0	0	4	2	3	6	9	3.2	3.5	6.0	4.5	0	0	1	0	1	1	2	0.6	0.8		
b. Other extragonadal	4	0	0	0	1	4	5	2.6	2.4	1.0	1.0	2	2	0	0	1	4	5	2.8	2.5		
c. Gonadal germ cell	0	1	0	3	29	4	33	2.1	12.1	0.7	2.5	0	0	3	3	7	6	13	3.3	5.3		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.4		
e. Unspecified gonadal	1	0	0	0	0	1	1	0.7	0.5	-	-	0	0	0	0	0	0	0	-	-		
<b>XI CARCINOMA &amp; MELANOMA</b>	0	0	3	11	22	14	36	6.9	13.3	1.1	0.5	0	1	2	10	55	13	68	7.0	26.7		
a. Adrenocortical	0	0	0	1	0	1	1	0.5	0.4	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	2	4	1	6	7	3.0	2.7	2.0	0.3	0	0	1	2	22	3	25	1.6	9.8		
c. Nasopharyngeal	0	0	0	1	0	1	1	0.5	0.4	0.5	0.5	0	0	0	2	0	2	2	1.0	0.8		
d. Melanoma	0	0	1	2	16	3	19	1.5	7.0	1.0	0.7	0	1	0	2	25	3	28	1.7	11.0		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	0	3	5	3	8	1.4	2.9	0.6	0.6	0	0	1	4	8	5	13	2.6	5.1		
<b>XII OTHER &amp; UNSPECIFIED</b>	0	1	0	0	0	1	1	0.7	0.5	-	-	0	0	0	0	0	0	0	-	-		
a. Other specified	0	1	0	0	0	1	1	0.7	0.5	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>TOTAL</b>	26	123	88	85	141	322	463	187.0	196.0	1.2	1.1	28	118	65	67	148	278	426	172.9	191.5		

Please consult the quality indicators for this registry

## USA, California, San José, NH White (1993-2012)

	Age group	Males	Females
Person-years	0	114 675	108 770
	1-4	475 379	451 407
	5-9	583 850	552 751
	10-14	606 807	570 158
	15-19	621 084	579 549
Total	0-14	1 780 711	1 683 086
	0-19	2 401 795	2 262 635
Average annual population	0-14	89 036	84 154
	0-19	120 090	113 132

Please consult the quality indicators for this registry