

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			0-19	0-14	0-19	
I LEUKAEMIA	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	
II LYMPHOMA & RELATED	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	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	-	100.0	0.0
III CNS NEOPLASMS	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	
IV NEUROBLASTOMA	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
V RETINOBLASTOMA	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	
VI RENAL TUMOURS	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIII BONE TUMOURS	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
IX SOFT TISSUE SARCOMA	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	
X GERM CELL TUMOURS	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	
XI CARCINOMA & MELANOMA	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	
XII OTHER & UNSPECIFIED	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TOTAL	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		
I LEUKAEMIA	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	-	-		
II LYMPHOMA & RELATED	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	-	-		
III CNS NEOPLASMS	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		
IV NEUROBLASTOMA	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		
V RETINOBLASTOMA	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		
VI RENAL TUMOURS	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	-	-		
VII HEPATIC TUMOURS	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	-	-		
VIII BONE TUMOURS	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	-	-		
IX SOFT TISSUE SARCOMA	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	-	-		
X GERM CELL TUMOURS	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	-	-		
XI CARCINOMA & MELANOMA	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		
XII OTHER & UNSPECIFIED	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	-	-		
TOTAL	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

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	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