

USA, California, Greater California, NH White (2000-2012)

	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
I LEUKAEMIA	59	521	304	198	254	1082	1336	30.8	100.0	24.2	100.0	45.8	100.6	44.2	25.3	30.9	56.3	50.6	796	950	98.3	0.0
a. Lymphoid	23	445	251	135	115	854	969	24.3	78.9	17.6	72.5	17.8	86.0	36.5	17.3	14.0	44.8	37.9	631	701	99.4	0.0
b. Acute myeloid	23	62	35	40	87	160	247	4.6	14.8	4.5	18.5	17.8	12.0	5.1	5.1	10.6	8.2	8.7	117	170	100.0	0.0
c. CMD	6	3	6	16	36	31	67	0.9	2.9	1.2	5.0	4.7	0.6	0.9	2.0	4.4	1.4	2.1	22	43	82.1	0.0
d. MDS & other	6	5	9	4	9	24	33	0.7	2.2	0.6	2.5	4.7	1.0	1.3	0.5	1.1	1.2	1.2	18	23	97.0	0.0
e. Unspecified	1	6	3	3	7	13	20	0.4	1.2	0.4	1.5	0.8	1.2	0.4	0.4	0.9	0.7	0.7	10	14	80.0	0.0
II LYMPHOMA & RELATED	18	54	103	188	456	363	819	10.3	100.0	14.8	100.0	14.0	10.4	15.0	24.1	55.4	16.1	25.0	251	528	98.7	0.0
a. Hodgkin	0	2	29	93	298	124	422	3.5	34.2	7.6	51.5	-	0.4	4.2	11.9	36.2	4.9	12.0	82	263	99.5	0.0
b. Non-Hodgkin except BL	3	18	42	57	129	120	249	3.4	33.1	4.5	30.4	2.3	3.5	6.1	7.3	15.7	5.3	7.7	83	162	99.2	0.0
c. Burkitt (BL)	0	12	26	29	19	67	86	1.9	18.5	1.6	10.5	-	2.3	3.8	3.7	2.3	3.0	2.9	47	58	100.0	0.0
d. Lymphoreticular	15	21	5	8	7	49	56	1.4	13.5	1.0	6.8	11.6	4.1	0.7	1.0	0.9	2.7	2.3	37	41	92.9	0.0
e. Unspecified	0	1	1	1	3	3	6	0.1	0.8	0.1	0.7	-	0.2	0.1	0.1	0.4	0.1	0.2	2	4	50.0	0.0
III CNS NEOPLASMS	48	254	261	221	212	784	996	22.3	100.0	18.0	100.0	37.2	49.1	37.9	28.3	25.8	38.5	35.7	565	693	85.8	0.2
a. Ependymoma	11	29	11	14	12	65	77	1.9	8.3	1.4	7.7	8.5	5.6	1.6	1.8	1.5	3.4	3.0	48	55	98.7	0.0
b. Astrocytoma	13	114	132	129	117	388	505	11.1	49.5	9.1	50.7	10.1	22.0	19.2	16.5	14.2	18.6	17.6	277	348	90.3	0.2
c. CNS embryonal	16	79	62	39	36	196	232	5.6	25.0	4.2	23.3	12.4	15.3	9.0	5.0	4.4	10.0	8.8	143	165	99.6	0.0
d. Other gliomas	5	22	52	37	36	116	152	3.3	14.8	2.8	15.3	3.9	4.2	7.6	4.7	4.4	5.4	5.2	82	104	45.4	0.7
e. Other specified	0	8	4	1	8	13	21	0.4	1.7	0.4	2.1	-	1.5	0.6	0.1	1.0	0.7	0.8	10	15	95.2	0.0
f. Unspecified CNS	3	2	0	1	3	6	9	0.2	0.8	0.2	0.9	2.3	0.4	-	0.1	0.4	0.3	0.3	5	6	33.3	0.0
IV NEUROBLASTOMA	65	121	39	11	11	236	247	6.7	100.0	4.5	100.0	50.4	23.4	5.7	1.4	1.3	13.4	10.7	179	186	98.4	0.4
a. (Ganglio)neuroblastoma	65	121	39	11	7	236	243	6.7	100.0	4.4	98.4	50.4	23.4	5.7	1.4	0.9	13.4	10.6	179	183	98.4	0.4
b. Peripheral nervous	0	0	0	0	4	0	4	-	-	0.1	1.6	-	-	-	-	0.5	-	0.1	-	2	100.0	0.0
V RETINOBLASTOMA	25	39	3	1	1	68	69	1.9	100.0	1.3	100.0	19.4	7.5	0.4	0.1	1.1	4.0	3.1	52	53	75.4	0.0
VI RENAL TUMOURS	19	115	45	11	10	190	200	5.4	100.0	3.6	100.0	14.7	22.2	6.5	1.4	1.2	10.5	8.4	143	149	99.5	0.0
a. Nephroblastoma	19	115	41	8	2	183	185	5.2	96.3	3.4	92.5	14.7	22.2	6.0	1.0	0.2	10.2	8.0	139	140	99.5	0.0
b. Renal carcinoma	0	0	4	3	8	7	15	0.2	3.7	0.3	7.5	-	-	0.6	0.4	1.0	0.3	0.5	5	10	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	16	26	8	11	6	61	67	1.7	100.0	1.2	100.0	12.4	5.0	1.2	1.4	0.7	3.3	2.7	45	49	95.5	0.0
a. Hepatoblastoma	15	23	4	3	1	45	46	1.3	73.8	0.8	68.7	11.6	4.4	0.6	0.4	0.1	2.6	2.0	34	35	93.5	0.0
b. Hepatic carcinoma	1	3	4	8	5	16	21	0.5	26.2	0.4	31.3	0.8	0.6	0.6	1.0	0.6	0.7	0.7	11	14	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	1	12	51	115	133	179	312	5.1	100.0	5.7	100.0	0.8	2.3	7.4	14.7	16.2	7.4	9.4	121	202	98.1	0.0
a. Osteosarcoma	0	1	23	74	62	98	160	2.8	54.7	2.9	51.3	-	0.2	3.3	9.5	7.5	3.9	4.7	65	103	99.4	0.0
b. Chondrosarcoma	0	0	2	5	12	7	19	0.2	3.9	0.3	6.1	-	-	0.3	0.6	1.5	0.3	0.5	5	12	100.0	0.0
c. Ewing & related	1	9	22	34	44	66	110	1.9	36.9	2.0	35.3	0.8	1.7	3.2	4.4	5.3	2.9	3.4	45	72	98.2	0.0
d. Other specified	0	2	3	2	10	7	17	0.2	3.9	0.3	5.4	-	0.4	0.4	0.3	1.2	0.3	0.5	5	11	100.0	0.0
e. Unspecified	0	0	1	0	5	1	6	0.0	0.6	0.1	1.9	-	-	0.1	-	0.6	0.0	0.2	1	4	50.0	0.0
IX SOFT TISSUE SARCOMA	16	66	58	99	141	239	380	6.8	100.0	6.9	100.0	12.4	12.7	8.4	12.7	17.1	11.3	12.6	169	255	100.0	0.0
a. Rhabdomyosarcoma	6	51	34	36	35	127	162	3.6	53.1	2.9	42.6	4.7	9.9	4.9	4.6	4.3	6.3	5.9	92	113	100.0	0.0
b. Fibrosarcoma	3	2	2	5	15	12	27	0.3	5.0	0.5	7.1	2.3	0.4	0.3	0.6	1.8	0.6	0.9	9	18	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	5	11	18	52	82	86	168	2.5	36.0	3.0	44.2	3.9	2.1	2.6	6.7	10.0	3.7	5.1	59	109	100.0	0.0
e. Unspecified	2	2	4	6	9	14	23	0.4	5.9	0.4	6.1	1.6	0.4	0.6	0.8	1.1	0.6	0.7	10	15	100.0	0.0
X GERM CELL TUMOURS	25	17	20	48	231	110	341	3.1	100.0	6.2	100.0	19.4	3.3	2.9	6.1	28.1	5.2	10.4	78	218	97.1	0.0
a. CNS germ cell	5	2	12	15	27	34	61	1.0	30.9	1.1	17.9	3.9	0.4	1.7	1.9	3.3	1.5	1.9	24	40	88.5	0.0
b. Other extragonadal	17	8	0	3	13	28	41	0.8	25.5	0.7	12.0	13.2	1.5	-	0.4	1.6	1.6	1.6	21	29	95.1	0.0
c. Gonadal germ cell	3	6	8	27	182	44	226	1.3	40.0	4.1	66.3	2.3	1.2	1.2	3.5	22.1	1.9	6.5	30	141	100.0	0.0
d. Gonadal carcinoma	0	0	0	2	8	2	10	0.1	1.8	0.2	2.9	-	-	-	0.3	1.0	0.1	0.3	1	6	90.0	0.0
e. Unspecified gonadal	0	1	0	1	1	2	3	0.1	1.8	0.1	0.9	-	0.2	-	0.1	0.1	0.1	0.1	1	2	100.0	0.0
XI CARCINOMA & MELANOMA	3	15	39	128	544	185	729	5.3	100.0	13.2	100.0	2.3	2.9	5.7	16.4	66.1	7.7	20.8	124	455	99.3	0.0
a. Adrenocortical	0	0	1	3	2	4	6	0.1	2.2	0.1	0.8	-	-	0.1	0.4	0.2	0.2	0.2	3	4	100.0	0.0
b. Thyroid	0	2	12	46	197	60	257	1.7	32.4	4.7	35.3	-	0.4	1.7	5.9	23.9	2.4	7.2	40	159	99.2	0.0
c. Nasopharyngeal	0	0	0	2	4	2	6	0.1	1.1	0.1	0.8	-	-	-	0.3	0.5	0.1	0.2	1	4	100.0	0.0
d. Melanoma	3	13	19	52	246	87	333	2.5	47.0	6.0	45.7	2.3	2.5	2.8	6.7	29.9	3.8	9.7	59	209	99.4	0.0
e. Skin carcinoma	0	0	0	0	1	0	1	-	-	0.0	0.1	-	-	-	-	0.1	-	0.0	-	1	100.0	0.0
f. Other & unspecified	0	0	7	25	94	32	126	0.9	17.3	2.3	17.3	-	-	1.0	3.2	11.4	1.3	3.5	21	78	99.2	0.0
XII OTHER & UNSPECIFIED	3	5	2	3	11	13	24	0.4	100.0	0.4	100.0	2.3	1.0	0.3	0.4	1.3	0.7	0.8	10	16	79.2	0.0
a. Other specified	2	4	0	1	6	7	13	0.2	53.8	0.2	54.2	1.6	0.8	-	0.1	0.7	0.4	0.5	5	9	100.0	0.0
b. Other unspecified	1	1	2	2	5	6	11	0.2	46.2	0.2	45.8	0.8	0.2	0.3	0.3	0.6	0.3	0.4	4	7	54.5	0.0
TOTAL	298	1245	933	1034	2010	3510	5520	100.0	100.0	100.0	100.0	231.1	240.5	135.6	132.3	244.3	174.5	190.2	2533	3754	95.9	0.1

Please consult the quality indicators for this registry

USA, California, Greater California, NH White (2000-2012)

	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	28	296	169	105	156	598	754	60.9	55.4	1.2	1.3	31	225	135	93	98	484	582	51.6	45.5		
a. Lymphoid	10	254	138	75	80	477	557	48.9	42.1	1.3	1.4	13	191	113	60	35	377	412	40.5	33.4		
b. Acute myeloid	12	37	22	20	51	91	142	9.2	9.8	1.3	1.4	11	25	13	20	36	69	105	7.2	7.6		
c. CMD	2	2	3	8	18	15	33	1.3	2.0	0.9	1.0	4	1	3	8	18	16	34	1.5	2.2		
d. MDS & other	3	1	4	1	3	9	12	0.9	0.9	0.6	0.6	3	4	5	3	6	15	21	1.6	1.6		
e. Unspecified	1	2	2	1	4	6	10	0.6	0.7	0.9	1.0	0	4	1	2	3	7	10	0.7	0.7		
II LYMPHOMA & RELATED	11	38	77	113	240	239	479	20.9	28.9	1.9	1.4	7	16	26	75	216	124	340	11.1	20.9		
a. Hodgkin	0	1	18	51	137	70	207	5.4	11.4	1.3	1.0	0	1	11	42	161	54	215	4.4	12.6		
b. Non-Hodgkin except BL	1	13	32	33	79	79	158	6.9	9.5	1.9	1.7	2	5	10	24	50	41	91	3.7	5.7		
c. Burkitt (BL)	0	11	22	27	17	60	77	5.2	5.0	8.6	8.6	0	1	4	2	2	7	9	0.7	0.6		
d. Lymphoreticular	10	12	4	2	4	28	32	3.1	2.6	1.3	1.3	5	9	1	6	3	21	24	2.3	1.9		
e. Unspecified	0	1	1	0	3	2	5	0.2	0.3	2.0	5.0	0	0	0	1	0	1	1	0.1	0.1		
III CNS NEOPLASMS	30	145	146	120	122	441	563	42.5	39.3	1.3	1.3	18	109	115	101	90	343	433	34.4	31.8		
a. Ependymoma	7	16	5	8	8	36	44	3.7	3.3	1.2	1.3	4	13	6	6	4	29	33	3.1	2.6		
b. Astrocytoma	8	64	67	72	63	211	274	19.7	18.6	1.2	1.2	5	50	65	57	54	177	231	17.4	16.5		
c. CNS embryonal	11	46	43	26	25	126	151	12.5	11.0	1.8	1.9	5	33	19	13	11	70	81	7.5	6.4		
d. Other gliomas	2	11	28	13	20	54	74	5.0	4.9	0.9	0.9	3	11	24	24	16	62	78	5.9	5.5		
e. Other specified	0	6	3	1	4	10	14	1.0	1.0	3.3	2.0	0	2	1	0	4	3	7	0.3	0.5		
f. Unspecified CNS	2	2	0	0	2	4	6	0.5	0.5	2.0	2.0	1	0	0	1	1	2	3	0.2	0.2		
IV NEUROBLASTOMA	36	59	22	4	5	121	126	13.4	10.6	1.1	1.0	29	62	17	7	6	115	121	13.3	10.7		
a. (Ganglio)neuroblastoma	36	59	22	4	4	121	125	13.4	10.6	1.1	1.1	29	62	17	7	3	115	118	13.3	10.5		
b. Peripheral nervous	0	0	0	0	1	0	1	-	0.1	-	0.3	0	0	0	0	3	0	3	-	0.2		
V RETINOBLASTOMA	18	18	1	0	0	37	37	4.3	3.3	1.2	1.2	7	21	2	1	1	31	32	3.7	2.9		
VI RENAL TUMOURS	8	65	23	6	3	102	105	11.1	8.7	1.2	1.1	11	50	22	5	7	88	95	10.0	8.1		
a. Nephroblastoma	8	65	19	5	0	97	97	10.6	8.2	1.1	1.1	11	50	22	3	2	86	88	9.8	7.7		
b. Renal carcinoma	0	0	4	1	3	5	8	0.4	0.5	2.5	1.1	0	0	0	2	5	2	7	0.2	0.4		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	12	20	5	4	6	41	47	4.5	3.8	2.0	2.4	4	6	3	7	0	20	20	2.1	1.6		
a. Hepatoblastoma	11	18	2	1	1	32	33	3.6	2.9	2.5	2.5	4	5	2	2	0	13	13	1.5	1.1		
b. Hepatic carcinoma	1	2	3	3	5	9	14	0.8	0.9	1.3	2.0	0	1	1	5	0	7	7	0.6	0.5		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	7	30	75	85	112	197	9.0	11.4	1.7	1.7	1	5	21	40	48	67	115	5.8	7.2		
a. Osteosarcoma	0	1	14	43	43	58	101	4.5	5.8	1.4	1.7	0	0	9	31	19	40	59	3.2	3.6		
b. Chondrosarcoma	0	0	2	4	6	6	12	0.5	0.7	6.0	1.7	0	0	0	1	6	1	7	0.1	0.4		
c. Ewing & related	0	5	12	26	29	43	72	3.6	4.3	1.9	1.9	1	4	10	8	15	23	38	2.2	2.5		
d. Other specified	0	1	2	2	4	5	9	0.4	0.6	2.5	1.1	0	1	1	0	6	2	8	0.2	0.5		
e. Unspecified	0	0	0	0	3	0	3	-	0.2	0.0	1.0	0	0	1	0	2	1	3	0.1	0.2		
IX SOFT TISSUE SARCOMA	6	41	35	50	65	132	197	12.3	13.0	1.2	1.1	10	25	23	49	76	107	183	10.3	12.3		
a. Rhabdomyosarcoma	1	33	21	21	17	76	93	7.4	6.6	1.5	1.3	5	18	13	15	18	51	69	5.2	5.1		
b. Fibrosarcoma	1	1	1	3	5	6	11	0.5	0.7	1.0	0.7	2	1	1	2	10	6	16	0.6	1.0		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	3	5	10	22	41	40	81	3.4	4.8	0.9	0.9	2	6	8	30	41	46	87	4.0	5.5		
e. Unspecified	1	2	3	4	2	10	12	0.9	0.8	2.5	1.1	1	0	1	2	7	4	11	0.4	0.7		
X GERM CELL TUMOURS	11	12	7	20	187	50	237	4.8	13.6	0.8	2.3	14	5	13	28	44	60	104	5.7	6.9		
a. CNS germ cell	2	1	7	15	26	25	51	2.1	3.0	2.8	5.1	3	1	5	0	1	9	10	1.0	0.8		
b. Other extragonadal	6	4	0	0	7	10	17	1.2	1.3	0.6	0.7	11	4	0	3	6	18	24	2.1	1.9		
c. Gonadal germ cell	3	6	0	5	153	14	167	1.4	9.2	0.5	2.8	0	0	8	22	29	30	59	2.5	3.5		
d. Gonadal carcinoma	0	0	0	0	1	0	1	-	0.1	0.0	0.1	0	0	0	2	7	2	9	0.2	0.5		
e. Unspecified gonadal	0	1	0	0	0	1	1	0.1	0.1	1.0	0.5	0	0	0	1	1	1	2	0.1	0.1		
XI CARCINOMA & MELANOMA	1	8	15	49	184	73	257	6.0	14.3	0.7	0.5	2	7	24	79	360	112	472	9.5	27.8		
a. Adrenocortical	0	0	0	2	2	2	4	0.1	0.2	1.0	2.0	0	0	1	1	0	2	2	0.2	0.1		
b. Thyroid	0	1	3	10	27	14	41	1.1	2.3	0.3	0.2	0	1	9	36	170	46	216	3.7	12.6		
c. Nasopharyngeal	0	0	0	2	4	2	6	0.1	0.3	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	1	7	10	26	107	44	151	3.7	8.5	1.0	0.8	2	6	9	26	139	43	182	3.8	10.9		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.1		
f. Other & unspecified	0	0	2	9	44	11	55	0.8	3.0	0.5	0.8	0	0	5	16	50	21	71	1.7	4.2		
XII OTHER & UNSPECIFIED	1	5	1	1	5	8	13	0.9	0.9	1.6	1.2	2	0	1	2	6	5	11	0.5	0.7		
a. Other specified	0	4	0	1	4	5	9	0.5	0.6	2.5	2.3	2	0	0	0	2	2	4	0.2	0.3		
b. Other unspecified	1	1	1	0	1	3	4	0.3	0.3	1.0	0.6	0	0	1	2	4	3	7	0.2	0.4		
TOTAL	162	714	531	547	1058	1954	3012	190.4	203.3	1.3	1.2	136	531	402	487	952	1556	2508	157.9	176.5		

Please consult the quality indicators for this registry

USA, California, Greater California, NH White (2000-2012)

	Age group	Males	Females
Person-years	0	660 598	628 764
	1-4	2 653 178	2 523 972
	5-9	3 532 038	3 346 978
	10-14	4 016 436	3 798 843
	15-19	4 268 652	3 958 481
Total	0-14	10 862 250	10 298 557
	0-19	15 130 902	14 257 038
Average annual population	0-14	835 558	792 197
	0-19	1 163 916	1 096 695

Please consult the quality indicators for this registry