

## USA, California, Greater California (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	0-19
<b>I LEUKAEMIA</b>	197	1516	888	658	670	3259	3929	36.0	100.0	29.7	100.0	53.2	103.6	48.1	33.3	33.7	61.3	55.1	874	1042	98.4	0.1	
a. Lymphoid	81	1281	753	452	377	2567	2944	28.4	78.8	22.2	74.9	21.9	87.6	40.8	22.9	19.0	48.5	41.9	690	784	99.4	0.1	
b. Acute myeloid	77	182	92	148	184	499	683	5.5	15.3	5.2	17.4	20.8	12.4	5.0	7.5	9.3	9.2	9.3	133	179	99.0	0.0	
c. CMD	10	14	12	39	71	75	146	0.8	2.3	1.1	3.7	2.7	1.0	0.6	2.0	3.6	1.3	1.8	20	38	86.3	0.0	
d. MDS & other	21	24	18	10	23	73	96	0.8	2.2	0.7	2.4	5.7	1.6	1.0	0.5	1.2	1.4	1.4	20	25	93.8	0.0	
e. Unspecified	8	15	13	9	15	45	60	0.5	1.4	0.5	1.5	2.2	1.0	0.7	0.5	0.8	0.8	0.8	12	16	78.3	1.7	
<b>II LYMPHOMA &amp; RELATED</b>	50	175	269	461	864	955	1819	10.6	100.0	13.7	100.0	13.5	12.0	14.6	23.3	43.5	16.2	22.3	251	468	98.7	0.0	
a. Hodgkin	0	24	83	225	534	332	866	3.7	34.8	6.5	47.6	-	1.6	4.5	11.4	26.9	5.3	10.1	86	220	99.7	0.0	
b. Non-Hodgkin except BL	8	58	110	168	267	344	611	3.8	36.0	4.6	33.6	2.2	4.0	6.0	8.5	13.4	5.8	7.5	90	157	99.0	0.0	
c. Burkitt (BL)	1	32	53	46	37	132	169	1.5	13.8	1.3	9.3	0.3	2.2	2.9	2.3	1.9	2.3	2.2	35	44	100.0	0.0	
d. Lymphoreticular	41	58	21	19	17	139	156	1.5	14.6	1.2	8.6	11.1	4.0	1.1	1.0	0.9	2.7	2.3	37	42	94.9	0.0	
e. Unspecified	0	3	2	3	9	8	17	0.1	0.8	0.1	0.9	-	0.2	0.1	0.2	0.5	0.1	0.2	2	4	64.7	0.0	
<b>III CNS NEOPLASMS</b>	122	585	568	431	400	1706	2106	18.9	100.0	15.9	100.0	32.9	40.0	30.7	21.8	20.1	31.2	28.7	456	556	85.3	0.2	
a. Ependymoma	23	76	39	33	30	171	201	1.9	10.0	1.5	9.5	6.2	5.2	2.1	1.7	1.5	3.3	2.9	46	53	98.0	0.0	
b. Astrocytoma	39	257	274	242	231	812	1043	9.0	47.6	7.9	49.5	10.5	17.6	14.8	12.2	11.6	14.6	13.9	216	274	90.2	0.1	
c. CNS embryonal	42	169	143	81	67	435	502	4.8	25.5	3.8	23.8	11.3	11.6	7.7	4.1	3.4	8.1	7.1	117	134	98.2	0.2	
d. Other gliomas	13	66	103	66	55	248	303	2.7	14.5	2.3	14.4	3.5	4.5	5.6	3.3	2.8	4.4	4.1	66	80	38.9	0.7	
e. Other specified	1	13	8	7	14	29	43	0.3	1.7	0.3	2.0	0.3	0.9	0.4	0.4	0.7	0.5	0.6	8	11	97.7	0.0	
f. Unspecified CNS	4	4	1	2	3	11	14	0.1	0.6	0.1	0.7	1.1	0.3	0.1	0.1	0.2	0.2	0.2	3	4	35.7	7.1	
<b>IV NEUROBLASTOMA</b>	150	280	65	20	17	515	532	5.7	100.0	4.0	100.0	40.5	19.1	3.5	1.0	0.9	10.5	8.3	140	144	97.9	0.2	
a. (Ganglio)neuroblastoma	149	279	63	18	8	509	517	5.6	98.8	3.9	97.2	40.2	19.1	3.4	0.9	0.4	10.4	8.2	138	140	98.3	0.2	
b. Peripheral nervous	1	1	2	2	9	6	15	0.1	1.2	0.1	2.8	0.3	0.1	0.1	0.1	0.5	0.1	0.2	2	4	86.7	0.0	
<b>V RETINOBLASTOMA</b>	82	127	10	3	1	222	223	2.5	100.0	1.7	100.0	22.1	8.7	0.5	0.2	0.1	4.6	3.6	60	61	80.7	0.0	
<b>VI RENAL TUMOURS</b>	49	272	91	12	18	424	442	4.7	100.0	3.3	100.0	13.2	18.6	4.9	0.6	0.9	8.5	6.8	115	120	98.9	0.0	
a. Nephroblastoma	49	270	84	8	3	411	414	4.5	96.9	3.1	93.7	13.2	18.5	4.5	0.4	0.2	8.3	6.5	112	113	99.3	0.0	
b. Renal carcinoma	0	0	7	4	15	11	26	0.1	2.6	0.2	5.9	-	-	0.4	0.2	0.8	0.2	0.3	3	7	100.0	0.0	
c. Unspecified	0	2	0	0	0	2	2	0.0	0.5	0.0	0.5	-	0.1	-	-	-	0.0	0.0	1	1	0.0	0.0	
<b>VII HEPATIC TUMOURS</b>	48	80	22	26	21	176	197	1.9	100.0	1.5	100.0	13.0	5.5	1.2	1.3	1.1	3.5	2.9	47	53	94.9	0.0	
a. Hepatoblastoma	47	75	17	10	3	149	152	1.6	84.7	1.1	77.2	12.7	5.1	0.9	0.5	0.2	3.0	2.4	40	41	94.1	0.0	
b. Hepatic carcinoma	1	5	5	16	18	27	45	0.3	15.3	0.3	22.8	0.3	0.3	0.3	0.8	0.9	0.4	0.6	7	12	97.8	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>VIII BONE TUMOURS</b>	3	25	124	285	272	437	709	4.8	100.0	5.4	100.0	0.8	1.7	6.7	14.4	13.7	6.9	8.5	113	182	97.7	0.0	
a. Osteosarcoma	0	4	72	201	150	277	427	3.1	63.4	3.2	60.2	-	0.3	3.9	10.2	7.5	4.3	5.0	71	109	98.8	0.0	
b. Chondrosarcoma	0	0	3	7	17	10	27	0.1	2.3	0.2	3.8	-	-	0.2	0.4	0.9	0.2	0.3	3	7	100.0	0.0	
c. Ewing & related	2	18	38	69	76	127	203	1.4	29.1	1.5	28.6	0.5	1.2	2.1	3.5	3.8	2.1	2.5	33	52	98.0	0.0	
d. Other specified	0	3	6	7	21	16	37	0.2	3.7	0.3	5.2	-	0.2	0.3	0.4	1.1	0.3	0.4	4	9	97.3	0.0	
e. Unspecified	1	0	5	1	8	7	15	0.1	1.6	0.1	2.1	0.3	-	0.3	0.1	0.4	0.1	0.2	2	4	60.0	0.0	
<b>IX SOFT TISSUE SARCOMA</b>	52	177	154	234	341	617	958	6.8	100.0	7.2	100.0	14.0	12.1	8.3	11.8	17.2	11.0	12.4	163	249	99.6	0.0	
a. Rhabdomyosarcoma	23	134	82	76	73	315	388	3.5	51.1	2.9	40.5	6.2	9.2	4.4	3.8	3.7	5.9	5.4	84	103	100.0	0.0	
b. Fibrosarcoma	12	6	14	20	35	52	87	0.6	8.4	0.7	9.1	3.2	0.4	0.8	1.0	1.8	0.9	1.1	14	23	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	-	0.0	0.1	-	-	-	-	0.1	-	0.0	-	0	0	100.0	0.0
d. Other specified	10	29	49	113	203	201	404	2.2	32.6	3.1	42.2	2.7	2.0	2.7	5.7	10.2	3.3	4.9	52	104	100.0	0.0	
e. Unspecified	7	8	9	25	29	49	78	0.5	7.9	0.6	8.1	1.9	0.5	0.5	1.3	1.5	0.8	1.0	13	20	94.9	0.0	
<b>X GERM CELL TUMOURS</b>	69	53	52	162	630	336	966	3.7	100.0	7.3	100.0	18.6	3.6	2.8	8.2	31.7	5.9	11.7	88	247	97.7	0.0	
a. CNS germ cell	7	4	24	56	61	91	152	1.0	27.1	1.1	15.7	1.9	0.3	1.3	2.8	3.1	1.5	1.8	24	39	92.1	0.0	
b. Other extragonadal	46	18	5	11	52	80	132	0.9	23.8	1.0	13.7	12.4	1.2	0.3	0.6	2.6	1.6	1.8	22	35	96.2	0.0	
c. Gonadal germ cell	15	30	21	85	487	151	638	1.7	44.9	4.8	66.0	4.1	2.1	1.1	4.3	24.5	2.6	7.5	39	162	99.7	0.0	
d. Gonadal carcinoma	0	0	1	4	19	5	24	0.1	1.5	0.2	2.5	-	-	0.1	0.2	1.0	0.1	0.3	1	6	95.8	0.0	
e. Unspecified gonadal	1	1	1	6	11	9	20	0.1	2.7	0.2	2.1	0.3	0.1	0.1	0.3	0.6	0.1	0.2	2	5	90.0	0.0	
<b>XI CARCINOMA &amp; MELANOMA</b>	3	40	71	255	936	369	1305	4.1	100.0	9.9	100.0	0.8	2.7	3.8	12.9	47.1	5.9	15.2	95	331	99.2	0.0	
a. Adrenocortical	0	8	3	5	2	16	18	0.2	4.3	0.1	1.4	-	0.5	0.2	0.3	0.1	0.3	0.3	4	5	100.0	0.0	
b. Thyroid	0	6	26	106	393	138	531	1.5	37.4	4.0	40.7	-	0.4	1.4	5.4	19.8	2.1	6.1	35	134	99.6	0.0	
c. Nasopharyngeal	0	0	3	12	19	15	34	0.2	4.1	0.3	2.6	-	-	0.2	0.6	1.0	0.2	0.4	4	9	100.0	0.0	
d. Melanoma	3	24	26	76	301	129	430	1.4	35.0	3.2	33.0	0.8	1.6	1.4	3.8	15.1	2.1	5.1	34	109	99.1	0.0	
e. Skin carcinoma	0	0	0	0	6	0	6	-	-	0.0	0.5	-	-	-	-	0.3	-	0.1	-	2	2	100.0	0.0
f. Other & unspecified	0	2	13	56	215	71	286	0.8	19.2	2.2	21.9	-	0.1	0.7	2.8	10.8	1.1	3.3	18	72	98.3	0.0	
<b>XII OTHER &amp; UNSPECIFIED</b>	6	12	5	9	19	32	51	0.4	100.0	0.4	100.0	1.6	0.8	0.3	0.5	1.0	0.6	0.7	9	13	86.3	0.0	
a. Other specified	5	11	0	6	11	22	33	0.2	68.8	0.2	64.7	1.4	0.8	-	0.3	0.6	0.4	0.5	6	9	100.0	0.0	
b. Other unspecified	1	1	5	3	8	10	18	0.1	31.3	0.1	35.3	0.3	0.1	0.3	0.2	0.4	0.2	0.2	3	5	61.1	0.0	
<b>TOTAL</b>	831	3342	2319	2556	4189	9048	13237	100.0	100.0	100.0	100.0	224.4	228.5	125.5	129.3	210.7	166.1	176.2	2412	3466	96.0	0.1	

Please consult the quality indicators for this registry

## USA, California, Greater California (2000-2012)

	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		
<b>I LEUKAEMIA</b>	94	840	479	347	419	1760	2179	64.9	59.4	1.2	1.2	103	676	409	311	251	1499	1750	57.6	50.6		
a. Lymphoid	41	714	406	246	250	1407	1657	52.1	45.8	1.2	1.3	40	567	347	206	127	1160	1287	44.8	37.7		
b. Acute myeloid	35	101	52	68	106	256	362	9.3	9.5	1.1	1.1	42	81	40	80	78	243	321	9.2	8.9		
c. CMD	3	7	5	20	42	35	77	1.2	1.8	0.9	1.1	7	7	7	19	29	40	69	1.4	1.8		
d. MDS & other	10	11	10	6	10	37	47	1.4	1.3	1.0	1.0	11	13	8	4	13	36	49	1.4	1.4		
e. Unspecified	5	7	6	7	11	25	36	0.9	0.9	1.3	1.5	3	8	7	2	4	20	24	0.8	0.7		
<b>II LYMPHOMA &amp; RELATED</b>	27	116	193	281	469	617	1086	20.5	26.1	1.8	1.5	23	59	76	180	395	338	733	11.7	18.4		
a. Hodgkin	0	16	58	129	255	203	458	6.3	10.5	1.6	1.1	0	8	25	96	279	129	408	4.1	9.8		
b. Non-Hodgkin except BL	3	37	78	107	166	225	391	7.4	9.3	1.9	1.8	5	21	32	61	101	119	220	4.1	5.6		
c. Burkitt (BL)	1	30	45	39	29	115	144	3.9	3.7	6.8	5.8	0	2	8	7	8	17	25	0.6	0.6		
d. Lymphoreticular	23	31	11	6	10	71	81	2.8	2.4	1.0	1.1	18	27	10	13	7	68	75	2.7	2.3		
e. Unspecified	0	2	1	0	9	3	12	0.1	0.3	0.6	2.4	0	1	1	3	0	5	5	0.2	0.1		
<b>III CNS NEOPLASMS</b>	69	324	306	234	225	933	1158	33.4	30.8	1.2	1.2	53	261	262	197	175	773	948	28.9	26.5		
a. Ependymoma	14	41	22	18	17	95	112	3.5	3.1	1.3	1.3	9	35	17	15	13	76	89	3.0	2.6		
b. Astrocytoma	17	135	143	132	126	427	553	14.9	14.3	1.1	1.1	22	122	131	110	105	385	490	14.2	13.5		
c. CNS embryonal	30	102	88	51	41	271	312	9.9	8.6	1.7	1.6	12	67	55	30	26	164	190	6.3	5.5		
d. Other gliomas	5	32	47	28	32	112	144	3.9	3.7	0.8	0.9	8	34	56	38	23	136	159	5.0	4.4		
e. Other specified	1	10	6	5	7	22	29	0.8	0.8	3.1	2.1	0	3	2	2	7	7	14	0.3	0.4		
f. Unspecified CNS	2	4	0	0	2	6	8	0.2	0.2	1.2	1.3	2	0	1	2	1	5	6	0.2	0.2		
<b>IV NEUROBLASTOMA</b>	80	142	35	6	10	263	273	10.5	8.4	1.0	1.1	70	138	30	14	7	252	259	10.5	8.3		
a. (Ganglio)neuroblastoma	80	141	33	6	5	260	265	10.4	8.2	1.0	1.1	69	138	30	12	3	249	252	10.4	8.1		
b. Peripheral nervous	0	1	2	0	5	3	8	0.1	0.2	1.0	1.1	1	0	0	2	4	3	7	0.1	0.2		
<b>V RETINOBLASTOMA</b>	53	65	6	1	0	125	125	5.1	4.0	1.3	1.3	29	62	4	2	1	97	98	4.1	3.2		
<b>VI RETINAL TUMOURS</b>	27	142	42	7	9	218	227	8.6	6.9	1.1	1.1	22	130	49	5	9	206	215	8.5	6.8		
a. Nephroblastoma	27	141	36	5	0	209	209	8.3	6.4	1.0	1.0	22	129	48	3	3	202	205	8.3	6.5		
b. Renal carcinoma	0	0	6	2	9	8	17	0.3	0.4	2.7	1.9	0	0	1	2	6	3	9	0.1	0.2		
c. Unspecified	0	1	0	0	0	1	1	0.0	0.0	1.0	1.0	0	1	0	0	0	1	1	0.0	0.0		
<b>VII HEPATIC TUMOURS</b>	34	55	13	13	15	115	130	4.5	3.8	1.9	1.9	14	25	9	13	6	61	67	2.4	2.0		
a. Hepatoblastoma	33	51	9	6	2	99	101	3.9	3.1	2.0	2.0	14	24	8	4	1	50	51	2.0	1.6		
b. Hepatic carcinoma	1	4	4	7	13	16	29	0.5	0.7	1.5	1.8	0	1	1	9	5	11	16	0.3	0.4		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VIII BONE TUMOURS</b>	2	11	66	160	181	239	420	7.4	9.7	1.2	1.5	1	14	58	125	91	198	289	6.5	7.2		
a. Osteosarcoma	0	1	40	105	101	146	247	4.4	5.6	1.1	1.4	0	3	32	96	49	131	180	4.2	4.4		
b. Chondrosarcoma	0	0	2	5	9	7	16	0.2	0.4	2.3	1.5	0	0	1	2	8	3	11	0.1	0.3		
c. Ewing & related	1	8	19	46	57	74	131	2.3	3.1	1.4	1.8	1	10	19	23	19	53	72	1.8	1.9		
d. Other specified	0	2	3	4	10	9	19	0.3	0.5	1.3	1.1	0	1	3	3	11	7	18	0.2	0.4		
e. Unspecified	1	0	2	0	4	3	7	0.1	0.2	0.8	0.9	0	0	3	1	4	4	8	0.1	0.2		
<b>IX SOFT TISSUE SARCOMA</b>	33	100	91	121	161	345	506	12.1	12.9	1.3	1.1	19	77	63	113	180	272	452	9.8	11.8		
a. Rhabdomyosarcoma	16	75	55	43	40	189	229	6.9	6.2	1.5	1.4	7	59	27	33	33	126	159	4.8	4.5		
b. Fibrosarcoma	7	2	6	10	12	25	37	0.9	0.9	0.9	0.7	5	4	8	10	23	27	50	1.0	1.3		
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	0.0	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	6	17	25	54	98	102	200	3.4	4.7	1.0	1.0	4	12	24	59	105	99	204	3.3	5.1		
e. Unspecified	4	6	5	14	10	29	39	1.0	1.0	1.4	1.0	3	2	4	11	19	20	39	0.7	1.0		
<b>X GERM CELL TUMOURS</b>	37	37	16	74	493	164	657	5.7	15.2	1.0	2.1	32	16	36	88	137	172	309	6.0	7.9		
a. CNS germ cell	3	2	13	48	52	66	118	2.0	2.7	2.6	3.5	4	2	11	8	9	25	34	0.9	0.9		
b. Other extragonadal	19	8	2	7	38	36	74	1.4	1.9	0.8	1.3	27	10	3	4	14	44	58	1.8	1.7		
c. Gonadal germ cell	14	26	1	18	400	59	459	2.2	10.4	0.6	2.6	1	4	20	67	87	92	179	2.9	4.3		
d. Gonadal carcinoma	0	0	0	1	2	1	3	0.0	0.1	0.3	0.1	0	0	1	3	17	4	21	0.1	0.5		
e. Unspecified gonadal	1	1	0	0	1	2	3	0.1	0.1	0.3	0.2	0	0	1	6	10	7	17	0.2	0.4		
<b>XI CARCINOMA &amp; MELANOMA</b>	1	20	28	91	301	140	441	4.4	10.0	0.6	0.5	2	20	43	164	635	229	864	7.4	20.7		
a. Adrenocortical	0	1	1	2	2	4	6	0.1	0.1	0.3	0.5	0	7	2	3	0	12	12	0.5	0.4		
b. Thyroid	0	3	6	21	55	30	85	0.9	1.9	0.3	0.2	0	3	20	85	338	108	446	3.4	10.6		
c. Nasopharyngeal	0	0	2	11	14	13	27	0.4	0.6	6.5	3.9	0	0	1	1	5	2	7	0.1	0.2		
d. Melanoma	1	14	14	35	128	64	192	2.1	4.4	1.0	0.8	2	10	12	41	173	65	238	2.2	5.8		
e. Skin carcinoma	0	0	0	0	2	0	2	-	0.0	-	0.5	0	0	0	0	4	0	4	-	0.1		
f. Other & unspecified	0	2	5	22	100	29	129	0.9	2.9	0.7	0.8	0	0	8	34	115	42	157	1.3	3.7		
<b>XII OTHER &amp; UNSPECIFIED</b>	2	8	3	5	7	18	25	0.7	0.7	1.3	1.0	4	4	2	4	12	14	26	0.5	0.7		
a. Other specified	1	7	0	4	6	12	18	0.4	0.5	1.2	1.2	4	4	0	2	5	10	15	0.4	0.4		
b. Other unspecified	1	1	3	1	1	6	7	0.2	0.2	1.5	0.6	0	0	2	2	7	4	11	0.1	0.3		
<b>TOTAL</b>	459	1860	1278	1340	2290	4937	7227	177.8	187.7	1.2	1.2	372	1482	1041	1216	1899	4111	6010	153.9	164.0		

Please consult the quality indicators for this registry

## USA, California, Greater California (2000-2012)

	Age group	Males	Females
Person-years	0	1 890 464	1 812 600
	1-4	7 478 721	7 149 279
	5-9	9 446 225	9 025 363
	10-14	10 133 617	9 641 470
	15-19	10 329 637	9 551 701
Total	0-14	28 949 027	27 628 712
	0-19	39 278 664	37 180 413
Average annual population	0-14	2 226 848	2 125 286
	0-19	3 021 436	2 860 032

Please consult the quality indicators for this registry