

USA, California, Hispanic White (1998-2012)

	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	218	1608	950	738	749	3514	4263	39.7	100.0	34.6	100.0	59.5	114.3	55.9	44.0	46.6	70.7	65.3	1014	1248	99.0	0.3
a. Lymphoid	96	1386	824	557	501	2863	3364	32.4	81.5	27.3	78.9	26.2	98.5	48.5	33.2	31.2	57.6	51.7	826	982	99.6	0.1
b. Acute myeloid	83	173	98	141	173	495	668	5.6	14.1	5.4	15.7	22.7	12.3	5.8	8.4	10.8	9.9	10.1	143	197	98.8	0.1
c. CMD	8	11	9	23	48	51	99	0.6	1.5	0.8	2.3	2.2	0.8	0.5	1.4	3.0	1.0	1.4	15	30	86.9	1.0
d. MDS & other	19	27	7	10	13	63	76	0.7	1.8	0.6	1.8	5.2	1.9	0.4	0.6	0.8	1.3	1.2	18	22	94.7	1.3
e. Unspecified	12	11	12	7	14	42	56	0.5	1.2	0.5	1.3	3.3	0.8	0.7	0.4	0.9	0.9	0.9	12	16	87.5	7.1
II LYMPHOMA & RELATED	55	174	259	405	567	893	1460	10.1	100.0	11.9	100.0	15.0	12.4	15.2	24.1	35.3	16.9	21.1	261	438	98.7	0.5
a. Hodgkin	0	30	98	202	336	330	666	3.7	37.0	5.4	45.6	-	2.1	5.8	12.0	20.9	6.0	9.4	97	202	99.7	0.0
b. Non-Hodgkin except BL	9	56	102	153	190	320	510	3.6	35.8	4.1	34.9	2.5	4.0	6.0	9.1	11.8	6.0	7.3	94	153	99.0	0.4
c. Burkitt (BL)	2	28	34	28	25	92	117	1.0	10.3	1.0	8.0	0.5	2.0	2.0	1.7	1.6	1.8	1.7	27	35	100.0	0.0
d. Lymphoreticular	44	57	22	17	10	140	150	1.6	15.7	1.2	10.3	12.0	4.1	1.3	1.0	0.6	2.9	2.4	40	43	97.3	1.3
e. Unspecified	0	3	3	5	6	11	17	0.1	1.2	0.1	1.2	-	0.2	0.2	0.3	0.4	0.2	0.2	3	5	52.9	23.5
III CNS NEOPLASMS †	133	538	558	429	486	1658	2144	18.7	100.0	17.4	100.0	36.3	38.2	32.8	25.6	30.3	32.7	32.1	481	633	82.5	0.5
a. Ependymoma	24	81	44	36	39	185	224	2.1	11.2	1.8	10.4	6.6	5.8	2.6	2.1	2.4	3.8	3.5	53	65	98.7	0.0
b. Astrocytoma	41	200	221	159	130	621	751	7.0	37.5	6.1	35.0	11.2	14.2	13.0	9.5	8.1	12.2	11.3	180	221	91.9	0.1
c. CNS embryonal	43	150	132	68	44	393	437	4.4	23.7	3.6	20.4	11.7	10.7	7.8	4.1	2.7	7.9	6.7	114	127	97.7	0.5
d. Other gliomas	12	65	95	55	31	227	258	2.6	13.7	2.1	12.0	3.3	4.6	5.6	3.3	1.9	4.4	3.9	66	76	39.1	0.8
e. Other specified	11	37	60	107	230	215	445	2.4	13.0	3.6	20.8	3.0	2.6	3.5	6.4	14.3	4.0	6.4	63	135	71.5	0.2
f. Unspecified CNS	2	5	6	4	12	17	29	0.2	1.0	0.2	1.4	0.5	0.4	0.4	0.2	0.7	0.3	0.4	5	9	37.9	13.8
IV NEUROBLASTOMA	131	218	37	15	5	401	406	4.5	100.0	3.3	100.0	35.8	15.5	2.2	0.9	0.3	8.6	6.7	114	115	97.8	0.5
a. (Ganglio)neuroblastoma	130	216	34	11	1	391	392	4.4	97.5	3.2	96.6	35.5	15.4	2.0	0.7	0.1	8.4	6.5	111	111	98.0	0.5
b. Peripheral nervous	1	2	3	4	4	10	14	0.1	2.5	0.1	3.4	0.3	0.1	0.2	0.2	0.2	0.2	0.2	3	4	92.9	0.0
V RETINOBLASTOMA	108	161	9	2	0	280	280	3.2	100.0	2.3	100.0	29.5	11.4	0.5	0.1	-	6.1	4.7	79	79	82.1	0.0
VI RENAL TUMOURS	54	236	66	8	11	364	375	4.1	100.0	3.0	100.0	14.7	16.8	3.9	0.5	0.7	7.7	6.1	104	107	99.2	0.3
a. Nephroblastoma	54	236	64	5	2	359	361	4.1	98.6	2.9	96.3	14.7	16.8	3.8	0.3	0.1	7.6	5.9	102	103	99.2	0.3
b. Renal carcinoma	0	0	2	3	9	5	14	0.1	1.4	0.1	3.7	-	-	0.1	0.2	0.6	0.1	0.2	1	4	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	56	84	15	18	21	173	194	2.0	100.0	1.6	100.0	15.3	6.0	0.9	1.1	1.3	3.7	3.1	49	56	97.4	0.0
a. Hepatoblastoma	56	81	14	11	1	162	163	1.8	93.6	1.3	84.0	15.3	5.8	0.8	0.7	0.1	3.4	2.7	46	46	96.9	0.0
b. Hepatic carcinoma	0	3	1	7	20	11	31	0.1	6.4	0.3	16.0	-	0.2	0.1	0.4	1.2	0.2	0.4	3	9	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	4	21	88	240	211	353	564	4.0	100.0	4.6	100.0	1.1	1.5	5.2	14.3	13.1	6.4	7.9	104	170	98.6	0.2
a. Osteosarcoma	0	5	53	168	139	226	365	2.6	64.0	3.0	64.7	-	0.4	3.1	10.0	8.7	4.0	5.1	67	110	98.9	0.0
b. Chondrosarcoma	0	0	2	6	9	8	17	0.1	2.3	0.1	3.0	-	-	0.1	0.4	0.6	0.1	0.2	2	5	100.0	0.0
c. Ewing & related	2	16	25	59	53	102	155	1.2	28.9	1.3	27.5	0.5	1.1	1.5	3.5	3.3	1.9	2.2	30	47	98.7	0.0
d. Other specified	1	0	3	6	7	10	17	0.1	2.8	0.1	3.0	0.3	-	0.2	0.4	0.4	0.2	0.2	3	5	100.0	0.0
e. Unspecified	1	0	5	1	3	7	10	0.1	2.0	0.1	1.8	0.3	-	0.3	0.1	0.2	0.1	0.1	2	3	80.0	10.0
IX SOFT TISSUE SARCOMA	57	139	156	191	261	543	804	6.1	100.0	6.5	100.0	15.6	9.9	9.2	11.4	16.3	10.5	11.8	158	239	99.4	0.5
a. Rhabdomyosarcoma	18	103	79	57	37	257	294	2.9	47.3	2.4	36.6	4.9	7.3	4.6	3.4	2.3	5.1	4.5	74	86	100.0	0.0
b. Fibrosarcoma	19	4	13	24	35	60	95	0.7	11.0	0.8	11.8	5.2	0.3	0.8	1.4	2.2	1.2	1.4	17	28	100.0	0.0
c. Kaposi sarcoma	1	0	0	0	1	1	2	0.0	0.2	0.0	0.2	0.3	-	-	-	0.1	0.0	0.0	0	1	100.0	0.0
d. Other specified	10	26	51	86	166	173	339	2.0	31.9	2.8	42.2	2.7	1.8	3.0	5.1	10.3	3.2	4.8	51	102	100.0	0.0
e. Unspecified	9	6	13	24	22	52	74	0.6	9.6	0.6	9.2	2.5	0.4	0.8	1.4	1.4	1.0	1.1	15	22	93.2	5.4
X GERM CELL TUMOURS	66	60	54	197	676	377	1053	4.3	100.0	8.6	100.0	18.0	4.3	3.2	11.7	42.1	7.2	15.0	110	321	98.0	0.2
a. CNS germ cell ‡	5	5	18	69	44	97	141	1.1	25.7	1.1	13.4	1.4	0.4	1.1	4.1	2.7	1.8	2.0	29	42	90.8	0.7
b. Other extragonadal	32	17	6	10	57	65	122	0.7	17.2	1.0	11.6	8.7	1.2	0.4	0.6	3.5	1.4	1.8	19	36	96.7	0.0
c. Gonadal germ cell	29	38	27	107	540	201	741	2.3	53.3	6.0	70.4	7.9	2.7	1.6	6.4	33.6	3.8	10.5	59	227	99.7	0.0
d. Gonadal carcinoma	0	0	1	4	26	5	31	0.1	1.3	0.3	2.9	-	-	0.1	0.2	1.6	0.1	0.4	1	10	100.0	0.0
e. Unspecified gonadal	0	0	2	7	9	9	18	0.1	2.4	0.1	1.7	-	-	0.1	0.4	0.6	0.2	0.2	3	5	88.9	5.6
XI CARCINOMA & MELANOMA	1	23	47	193	457	264	721	3.0	100.0	5.9	100.0	0.3	1.6	2.8	11.5	28.5	4.8	10.1	78	220	99.3	0.1
a. Adrenocortical	1	8	3	7	1	19	20	0.2	7.2	0.2	2.8	0.3	0.6	0.2	0.4	0.1	0.4	0.3	6	6	100.0	0.0
b. Thyroid	0	3	23	92	277	118	395	1.3	44.7	3.2	54.8	-	0.2	1.4	5.5	17.2	2.1	5.5	35	121	100.0	0.0
c. Nasopharyngeal	0	0	2	13	17	15	32	0.2	5.7	0.3	4.4	-	-	0.1	0.8	1.1	0.3	0.4	4	10	100.0	0.0
d. Melanoma	0	10	12	30	37	52	89	0.6	19.7	0.7	12.3	-	0.7	0.7	1.8	2.3	1.0	1.3	15	27	97.8	0.0
e. Skin carcinoma	0	0	0	2	5	2	7	0.0	0.8	0.1	1.0	-	-	-	0.1	0.3	0.0	0.1	1	2	85.7	0.0
f. Other & unspecified	0	2	7	49	120	58	178	0.7	22.0	1.4	24.7	-	0.1	0.4	2.9	7.5	1.0	2.5	17	55	98.9	0.6

USA, California, Hispanic White (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	109	874	504	401	484	1888	2372	74.4	70.7	1.2	1.3	109	734	446	337	265	1626	1891	66.8	59.5		
a. Lymphoid	54	759	436	305	342	1554	1896	61.3	56.7	1.2	1.3	42	627	388	252	159	1309	1468	53.8	46.3		
b. Acute myeloid	36	84	54	73	98	247	345	9.6	10.1	1.0	1.1	47	89	44	68	75	248	323	10.2	10.1		
c. CMD	1	7	3	12	31	23	54	0.9	1.5	0.8	1.2	7	4	6	11	17	28	45	1.1	1.4		
d. MDS & other	10	17	4	5	6	36	42	1.5	1.3	1.3	1.2	9	10	3	5	7	27	34	1.1	1.1		
e. Unspecified	8	7	7	6	7	28	35	1.1	1.0	2.0	1.7	4	4	5	1	7	14	21	0.6	0.7		
II LYMPHOMA & RELATED	28	110	186	243	326	567	893	21.1	25.1	1.7	1.6	27	64	73	162	241	326	567	12.6	16.8		
a. Hodgkin	0	22	74	120	175	216	391	7.8	10.7	1.9	1.4	0	8	24	82	161	114	275	4.2	8.0		
b. Non-Hodgkin except BL	4	33	69	98	123	204	327	7.5	9.1	1.8	1.8	5	23	33	55	67	116	183	4.5	5.4		
c. Burkitt (BL)	2	22	26	17	18	67	85	2.6	2.5	2.7	2.7	0	6	8	11	7	25	32	1.0	1.0		
d. Lymphoreticular	22	32	15	7	5	76	81	3.1	2.5	1.2	1.2	22	25	7	10	5	64	69	2.7	2.3		
e. Unspecified	0	1	2	1	5	4	9	0.2	0.3	0.6	1.1	0	2	1	4	1	7	8	0.3	0.2		
III CNS NEOPLASMS †	66	286	284	231	221	867	1088	33.4	31.9	1.1	1.0	67	252	274	198	265	791	1056	31.8	32.4		
a. Ependymoma	12	42	22	20	23	96	119	3.8	3.6	1.1	1.1	12	39	22	16	16	89	105	3.7	3.3		
b. Astrocytoma	17	99	121	91	73	328	401	12.5	11.7	1.1	1.1	24	101	100	68	57	293	350	11.9	10.9		
c. CNS embryonal	24	92	72	45	25	233	258	9.2	7.8	1.5	1.4	19	58	60	23	19	160	179	6.6	5.6		
d. Other gliomas	6	34	36	25	17	101	118	3.9	3.5	0.8	0.8	6	31	59	30	14	126	140	5.0	4.3		
e. Other specified	6	16	30	50	78	102	180	3.8	5.0	0.9	0.7	5	21	30	57	152	113	265	4.3	7.8		
f. Unspecified CNS	1	3	3	0	5	7	12	0.3	0.4	0.7	0.7	1	2	3	4	7	10	17	0.4	0.5		
IV NEUROBLASTOMA	78	105	22	5	5	210	215	8.8	7.0	1.1	1.1	53	113	15	10	0	191	191	8.3	6.5		
a. (Ganglio)neuroblastoma	78	104	19	5	1	206	207	8.7	6.7	1.1	1.1	52	112	15	6	0	185	185	8.1	6.3		
b. Peripheral nervous	0	1	3	0	4	4	8	0.2	0.2	0.7	1.3	1	1	0	4	0	6	6	0.2	0.2		
V RETINOBLASTOMA	56	95	4	1	0	156	156	6.6	5.1	1.3	1.3	52	66	5	1	0	124	124	5.5	4.3		
VI RETINAL TUMOURS	31	102	29	3	5	165	170	6.9	5.5	0.8	0.8	23	134	37	5	6	199	205	8.6	6.8		
a. Nephroblastoma	31	102	28	1	1	162	163	6.8	5.3	0.8	0.8	23	134	36	4	1	197	198	8.5	6.6		
b. Renal carcinoma	0	0	1	2	4	3	7	0.1	0.2	1.5	1.0	0	0	1	1	5	2	7	0.1	0.2		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	32	57	7	12	9	108	117	4.5	3.7	1.7	1.5	24	27	8	6	12	65	77	2.8	2.5		
a. Hepatoblastoma	32	55	7	7	0	101	101	4.2	3.3	1.7	1.6	24	26	7	4	1	61	62	2.6	2.1		
b. Hepatic carcinoma	0	2	0	5	9	7	16	0.3	0.4	1.8	1.1	0	1	1	2	11	4	15	0.2	0.4		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	2	11	44	126	139	183	322	6.5	8.7	1.1	1.3	2	10	44	114	72	170	242	6.3	7.0		
a. Osteosarcoma	0	0	28	87	86	115	201	4.0	5.4	1.0	1.2	0	5	25	81	53	111	164	4.1	4.7		
b. Chondrosarcoma	0	0	1	5	7	6	13	0.2	0.3	3.0	3.3	0	0	1	1	2	2	4	0.1	0.1		
c. Ewing & related	1	11	12	31	39	55	94	2.0	2.6	1.2	1.5	1	5	13	28	14	47	61	1.8	1.8		
d. Other specified	0	0	0	2	5	2	7	0.1	0.2	0.3	0.7	1	0	3	4	2	8	10	0.3	0.3		
e. Unspecified	1	0	3	1	2	5	7	0.2	0.2	2.5	2.3	0	0	2	0	1	2	3	0.1	0.1		
IX SOFT TISSUE SARCOMA	39	70	83	95	138	287	425	11.0	12.2	1.1	1.1	18	69	73	96	123	256	379	10.1	11.4		
a. Rhabdomyosarcoma	14	52	45	27	23	138	161	5.4	4.8	1.2	1.2	4	51	34	30	14	119	133	4.8	4.2		
b. Fibrosarcoma	13	1	4	12	17	30	47	1.2	1.4	1.0	1.0	6	3	9	12	18	30	48	1.2	1.4		
c. Kaposi sarcoma	1	0	0	0	1	1	2	0.0	0.1	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	7	14	28	45	85	94	179	3.5	5.0	1.2	1.1	3	12	23	41	81	79	160	3.0	4.7		
e. Unspecified	4	3	6	11	12	24	36	0.9	1.0	0.9	0.9	5	3	7	13	10	28	38	1.1	1.1		
X GERM CELL TUMOURS	45	40	18	91	512	194	706	7.4	19.5	1.1	2.0	21	20	36	106	164	183	347	7.0	10.2		
a. CNS germ cell ‡	2	3	11	59	36	75	111	2.6	3.0	3.4	3.7	3	2	7	10	8	22	30	0.8	0.9		
b. Other extragonadal	15	4	3	9	44	31	75	1.2	2.1	0.9	1.6	17	13	3	1	13	34	47	1.5	1.5		
c. Gonadal germ cell	28	33	4	23	430	88	518	3.5	14.3	0.8	2.3	1	5	23	84	110	113	223	4.1	6.4		
d. Gonadal carcinoma	0	0	0	0	1	0	1	-	0.0	0.0	0.0	0	0	1	4	25	5	30	0.2	0.9		
e. Unspecified gonadal	0	0	0	0	1	0	1	-	0.0	0.0	0.1	0	0	2	7	8	9	17	0.3	0.5		
XI CARCINOMA & MELANOMA	1	9	18	58	133	86	219	3.1	6.0	0.5	0.4	0	14	29	135	324	178	502	6.5	14.5		
a. Adrenocortical	1	1	2	2	0	6	6	0.2	0.2	0.5	0.4	0	7	1	5	1	13	14	0.5	0.4		
b. Thyroid	0	1	7	13	50	21	71	0.7	1.9	0.2	0.2	0	2	16	79	227	97	324	3.5	9.4		
c. Nasopharyngeal	0	0	1	12	13	13	26	0.4	0.7	6.5	4.3	0	0	1	1	4	2	6	0.1	0.2		
d. Melanoma	0	5	5	13	17	23	40	0.8	1.1	0.8	0.8	0	5	7	17	20	29	49	1.1	1.4		
e. Skin carcinoma	0	0	0	2	2	2	4	0.1	0.1	-	1.3	0	0	0	0	3	0	3	-	0.1		
f. Other & unspecified	0	2	3	16	51	21	72	0.7	1.9	0.6	0.7	0	0	4	33	69	37	106	1.3	3.0		
XII OTHER & UNSPECIFIED	2	4	4	5	4	15	19	0.6	0.6	1.3	0.8	2	6	0	4	11	12	23	0.5	0.7		
a. Other specified	2	3	2	4	3	11	14	0.4	0.4	1.1	0.9	2	4	0	4	6	10	16	0.4	0.5		
b. Other unspecified	0	1	2	1	1	4	5	0.2	0.1	2.0	0.7	0	2	0	0	5	2	7	0.1	0.2		
TOTAL	489	1763	1203	1271	1976	4726	6702	184.1	195.9	1.1	1.2	398	1509	1040	1174	1483	4121	5604	166.8	172.7		

† includes 209 non-malignant in males and 314 non-malignant in females ‡ includes 6 non-malignant in males and 3 non-malignant in females

Please consult the quality indicators for this registry

USA, California, Hispanic White (1998-2012)

	Age group	Males	Females
Person-years	0	1 866 832	1 796 301
	1-4	7 183 172	6 886 678
	5-9	8 670 595	8 324 488
	10-14	8 570 611	8 206 787
	15-19	8 361 052	7 697 369
Total	0-14	26 291 210	25 214 254
	0-19	34 652 262	32 911 623
Average annual population	0-14	1 752 747	1 680 950
	0-19	2 310 151	2 194 108

Please consult the quality indicators for this registry