

USA, California, Greater California, Black (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	10	48	40	42	26	140	166	30.8	100.0	26.3	100.0	39.8	46.5	30.1	29.3	18.5	35.7	31.8	523	615	98.8	0.0
a. Lymphoid	6	39	34	24	12	103	115	22.6	73.6	18.2	69.3	23.9	37.8	25.6	16.7	8.5	26.7	22.6	387	429	99.1	0.0
b. Acute myeloid	3	8	4	15	7	30	37	6.6	21.4	5.9	22.3	11.9	7.7	3.0	10.4	5.0	7.3	6.8	110	135	100.0	0.0
c. CMD	0	0	0	1	3	1	4	0.2	0.7	0.6	2.4	-	-	-	0.7	2.1	0.2	0.6	3	14	100.0	0.0
d. MDS & other	1	1	1	1	2	4	6	0.9	2.9	1.0	3.6	4.0	1.0	0.8	0.7	1.4	1.0	1.1	15	22	100.0	0.0
e. Unspecified	0	0	1	1	2	2	4	0.4	1.4	0.6	2.4	-	-	0.8	0.7	1.4	0.4	0.7	7	14	75.0	0.0
II LYMPHOMA & RELATED	1	6	10	25	43	42	85	9.2	100.0	13.5	100.0	4.0	5.8	7.5	17.4	30.5	9.6	14.3	152	305	98.8	0.0
a. Hodgkin	0	1	6	18	19	25	44	5.5	59.5	7.0	51.8	-	1.0	4.5	12.5	13.5	5.4	7.2	89	157	100.0	0.0
b. Non-Hodgkin except BL	0	1	1	7	21	9	30	2.0	21.4	4.8	35.3	-	1.0	0.8	4.9	14.9	2.0	4.9	32	107	100.0	0.0
c. Burkitt (BL)	0	2	1	0	2	3	5	0.7	7.1	0.8	5.9	-	1.9	0.8	-	1.4	0.8	1.0	12	19	100.0	0.0
d. Lymphoreticular	1	2	2	0	0	5	5	1.1	11.9	0.8	5.9	4.0	1.9	1.5	-	-	1.4	1.1	19	19	100.0	0.0
e. Unspecified	0	0	0	0	1	0	1	-	-	0.2	1.2	-	-	-	-	0.7	-	0.2	-	4	0.0	0.0
III CNS NEOPLASMS	4	32	22	25	16	83	99	18.2	100.0	15.7	100.0	15.9	31.0	16.6	17.4	11.4	21.3	19.0	310	367	87.9	0.0
a. Ependymoma	0	6	2	0	1	8	9	1.8	9.6	1.4	9.1	-	5.8	1.5	-	0.7	2.3	1.9	31	34	100.0	0.0
b. Astrocytoma	2	13	13	14	9	42	51	9.2	50.6	8.1	51.5	8.0	12.6	9.8	9.8	6.4	10.5	9.6	156	188	90.2	0.0
c. CNS embryonal	2	8	5	8	2	23	25	5.1	27.7	4.0	25.3	8.0	7.7	3.8	5.6	1.4	5.8	4.9	86	93	96.0	0.0
d. Other gliomas	0	4	2	1	4	7	11	1.5	8.4	1.7	11.1	-	3.9	1.5	0.7	2.8	1.9	2.1	27	41	45.5	0.0
e. Other specified	0	1	0	2	0	3	3	0.7	3.6	0.5	3.0	-	1.0	-	1.4	-	0.7	0.5	11	11	100.0	0.0
f. Unspecified CNS	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IV NEUROBLASTOMA	7	27	2	1	3	37	40	8.1	100.0	6.3	100.0	27.8	26.2	1.5	0.7	2.1	10.9	9.0	143	154	95.0	0.0
a. (Ganglio)neuroblastoma	7	27	2	1	0	37	37	8.1	100.0	5.9	92.5	27.8	26.2	1.5	0.7	-	10.9	8.5	143	143	97.3	0.0
b. Peripheral nervous	0	0	0	0	3	0	3	-	-	0.5	7.5	-	-	-	-	2.1	-	0.5	-	11	66.7	0.0
V RETINOBLASTOMA	10	6	0	0	0	16	16	3.5	100.0	2.5	100.0	39.8	5.8	-	-	-	4.8	3.7	62	62	81.3	0.0
VI RENAL TUMOURS	1	23	11	0	2	35	37	7.7	100.0	5.9	100.0	4.0	22.3	8.3	-	1.4	9.9	8.0	135	142	100.0	0.0
a. Nephroblastoma	1	23	10	0	0	34	34	7.5	97.1	5.4	91.9	4.0	22.3	7.5	-	-	9.7	7.5	131	131	100.0	0.0
b. Renal carcinoma	0	0	1	0	2	1	3	0.2	2.9	0.5	8.1	-	-	0.8	-	1.4	0.2	0.5	4	11	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	2	2	0	1	1	5	6	1.1	100.0	1.0	100.0	8.0	1.9	-	0.7	0.7	1.4	1.3	19	23	100.0	0.0
a. Hepatoblastoma	2	2	0	0	0	4	4	0.9	80.0	0.6	66.7	8.0	1.9	-	-	-	1.2	0.9	16	16	100.0	0.0
b. Hepatic carcinoma	0	0	0	1	1	2	2	0.2	20.0	0.3	33.3	-	-	-	0.7	0.7	0.2	0.3	3	7	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	0	6	15	17	21	38	4.6	100.0	6.0	100.0	-	-	4.5	10.4	12.1	4.5	6.2	75	135	100.0	0.0
a. Osteosarcoma	0	0	6	14	11	20	31	4.4	95.2	4.9	81.6	-	-	4.5	9.8	7.8	4.3	5.1	71	110	100.0	0.0
b. Chondrosarcoma	0	0	0	0	1	0	1	-	-	0.2	2.6	-	-	-	-	0.7	-	0.2	-	4	100.0	0.0
c. Ewing & related	0	0	0	0	2	0	2	-	-	0.3	5.3	-	-	-	-	1.4	-	0.3	-	7	100.0	0.0
d. Other specified	0	0	0	1	2	1	3	0.2	4.8	0.5	7.9	-	-	-	0.7	1.4	0.2	0.5	3	11	100.0	0.0
e. Unspecified	0	0	0	0	1	0	1	-	-	0.2	2.6	-	-	-	-	0.7	-	0.2	-	4	100.0	0.0
IX SOFT TISSUE SARCOMA	3	14	10	19	21	46	67	10.1	100.0	10.6	100.0	11.9	13.6	7.5	13.2	14.9	11.4	12.2	170	245	100.0	0.0
a. Rhabdomyosarcoma	1	12	7	7	7	27	34	5.9	58.7	5.4	50.7	4.0	11.6	5.3	4.9	5.0	7.0	6.6	101	126	100.0	0.0
b. Fibrosarcoma	1	1	1	3	3	6	9	1.3	13.0	1.4	13.4	4.0	1.0	0.8	2.1	2.1	1.5	1.6	22	33	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	1	1	2	8	7	12	19	2.6	26.1	3.0	28.4	4.0	1.0	1.5	5.6	5.0	2.7	3.2	43	68	100.0	0.0
e. Unspecified	0	0	0	1	4	1	5	0.2	2.2	0.8	7.5	-	-	-	0.7	2.8	0.2	0.8	3	18	100.0	0.0
X GERM CELL TUMOURS	3	2	4	7	17	16	33	3.5	100.0	5.2	100.0	11.9	1.9	3.0	4.9	12.1	3.9	5.7	59	119	97.0	0.0
a. CNS germ cell	0	0	1	3	2	4	6	0.9	25.0	1.0	18.2	-	-	0.8	2.1	1.4	0.8	1.0	14	21	100.0	0.0
b. Other extragonadal	3	1	0	1	1	5	6	1.1	31.3	1.0	18.2	11.9	1.0	-	0.7	0.7	1.4	1.3	19	23	100.0	0.0
c. Gonadal germ cell	0	1	3	3	12	7	19	1.5	43.8	3.0	57.6	-	1.0	2.3	2.1	8.5	1.6	3.2	26	68	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified gonadal	0	0	0	0	2	0	2	-	-	0.3	6.1	-	-	-	-	1.4	-	0.3	-	7	50.0	0.0
XI CARCINOMA & MELANOMA	0	1	2	9	30	12	42	2.6	100.0	6.7	100.0	-	1.0	1.5	6.3	21.3	2.6	6.8	43	149	100.0	0.0
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Thyroid	0	0	0	4	11	4	15	0.9	33.3	2.4	35.7	-	-	-	2.8	7.8	0.8	2.4	14	53	100.0	0.0
c. Nasopharyngeal	0	0	1	1	3	2	5	0.4	16.7	0.8	11.9	-	-	0.8	0.7	2.1	0.4	0.8	7	18	100.0	0.0
d. Melanoma	0	1	0	0	0	1	1	0.2	8.3	0.2	2.4	-	1.0	-	-	-	0.3	0.2	4	4	100.0	0.0
e. Skin carcinoma	0	0	0	0	1	0	1	-	-	0.2	2.4	-	-	-	-	0.7	-	0.2	-	4	100.0	0.0
f. Other & unspecified	0	0	1	4	15	5	20	1.1	41.7	3.2	47.6	-	-	0.8	2.8	10.6	1.1	3.2	18	71	100.0	0.0
XII OTHER & UNSPECIFIED	0	0	1	1	0	2	2	0.4	100.0	0.3	100.0	-	-	0.8	0.7	-	0.4	0.3	7	7	100.0	0.0
a. Other specified	0	0	0	1	0	1	1	0.2	50.0	0.2	50.0	-	-	-	0.7	-	0.2	0.2	3	3	100.0	0.0
b. Other unspecified	0	0	1	0	0	1	1	0.2	50.0	0.2	50.0	-	-	0.8	-	-	0.2	0.2	4	4	100.0	0.0
TOTAL	41	161	108	145	176	455	631	100.0	100.0	100.0	100.0	163.0	156.0	81.3	101.0	124.9	116.5	118.4	1698	2323	96.7	0.0

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	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	5	32	21	26	15	84	99	42.1	37.2	1.5	1.5	5	16	19	16	11	56	67	29.0	26.2		
a. Lymphoid	3	26	19	15	6	63	69	32.1	26.7	1.6	1.5	3	13	15	9	6	40	46	21.0	18.3		
b. Acute myeloid	1	6	1	8	4	16	20	7.8	7.2	1.1	1.2	2	2	3	7	3	14	17	6.9	6.3		
c. CMD	0	0	0	1	2	1	3	0.4	0.9	-	3.0	0	0	0	0	1	0	1	-	0.3		
d. MDS & other	1	0	1	1	1	3	4	1.5	1.4	3.0	2.0	0	1	0	0	1	1	2	0.6	0.8		
e. Unspecified	0	0	0	1	2	1	3	0.4	0.9	1.0	3.0	0	0	1	0	0	1	1	0.5	0.4		
II LYMPHOMA & RELATED	0	4	7	13	29	24	53	10.8	17.3	1.3	1.7	1	2	3	12	14	18	32	8.3	11.1		
a. Hodgkin	0	0	5	9	9	14	23	5.9	7.3	1.3	1.1	0	1	1	9	10	11	21	4.8	7.1		
b. Non-Hodgkin except BL	0	0	0	4	17	4	21	1.6	6.4	0.8	2.3	0	1	1	3	4	5	9	2.4	3.2		
c. Burkitt (BL)	0	2	1	0	2	3	5	1.7	1.9	-	-	0	0	0	0	0	0	0	-	-		
d. Lymphoreticular	0	2	1	0	0	3	3	1.7	1.3	1.5	1.5	1	0	1	0	0	2	2	1.1	0.9		
e. Unspecified	0	0	0	0	1	0	1	-	0.3	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS	1	14	10	13	9	38	47	18.8	17.3	0.8	0.9	3	18	12	12	7	45	52	23.9	20.8		
a. Ependymoma	0	2	1	0	1	3	4	1.7	1.6	0.6	0.8	0	4	1	0	0	5	5	3.0	2.3		
b. Astrocytoma	0	5	4	7	5	16	21	7.6	7.4	0.6	0.7	2	8	9	7	4	26	30	13.5	11.8		
c. CNS embryonal	1	5	4	5	0	15	15	7.4	5.8	1.9	1.5	1	3	1	3	2	8	10	4.2	3.9		
d. Other gliomas	0	1	1	1	3	3	6	1.5	2.0	0.8	1.2	0	3	1	0	1	4	5	2.3	2.2		
e. Other specified	0	1	0	0	0	1	1	0.6	0.5	0.5	0.5	0	0	0	2	0	2	2	0.8	0.6		
f. Unspecified CNS	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
IV NEUROBLASTOMA	2	16	1	0	2	19	21	11.1	9.2	1.1	1.1	5	11	1	1	1	18	19	10.8	8.7		
a. (Ganglio)neuroblastoma	2	16	1	0	0	19	19	11.1	8.6	1.1	1.1	5	11	1	1	0	18	18	10.8	8.3		
b. Peripheral nervous	0	0	0	0	2	0	2	-	0.6	-	2.0	0	0	0	0	1	0	1	-	0.3		
V RETINOBLASTOMA	7	2	0	0	0	9	9	5.3	4.1	1.3	1.3	3	4	0	0	0	7	7	4.3	3.3		
VI RENAL TUMOURS	0	13	4	0	2	17	19	9.6	8.0	0.9	1.1	1	19	7	0	0	18	18	10.2	7.9		
a. Nephroblastoma	0	13	3	0	0	16	16	9.1	7.1	0.9	0.9	1	10	7	0	0	18	18	10.2	7.9		
b. Renal carcinoma	0	0	1	0	2	1	3	0.5	1.0	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	2	2	0	1	1	5	6	2.8	2.4	-	-	0	0	0	0	0	0	0	-	-		
a. Hepatoblastoma	2	2	0	0	0	4	4	2.4	1.8	-	-	0	0	0	0	0	0	0	-	-		
b. Hepatic carcinoma	0	0	0	1	1	1	2	0.4	0.6	-	-	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	0	5	4	11	9	20	4.0	6.4	0.8	1.1	0	0	1	11	6	12	18	5.1	5.9		
a. Osteosarcoma	0	0	5	4	8	9	17	4.0	5.5	0.8	1.2	0	0	1	10	3	11	14	4.6	4.6		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.3		
c. Ewing & related	0	0	0	0	1	0	1	-	0.3	-	1.0	0	0	0	0	1	0	1	-	0.3		
d. Other specified	0	0	0	0	1	0	1	-	0.3	0.0	0.5	0	0	0	1	1	1	2	0.4	0.7		
e. Unspecified	0	0	0	0	1	0	1	-	0.3	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	3	8	8	11	11	30	41	14.6	14.7	1.9	1.6	0	6	2	8	10	16	26	8.0	9.5		
a. Rhabdomyosarcoma	1	7	6	5	5	19	24	9.6	8.9	2.4	2.4	0	5	1	2	2	8	10	4.4	4.1		
b. Fibrosarcoma	1	0	1	2	0	4	4	1.9	1.4	2.0	0.8	0	1	0	1	3	2	5	1.0	1.8		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	1	1	1	4	4	7	11	3.2	3.7	1.4	1.4	0	0	1	4	3	5	8	2.2	2.7		
e. Unspecified	0	0	0	0	2	0	2	-	0.6	0.0	0.7	0	0	0	1	2	1	3	0.4	1.0		
X GERM CELL TUMOURS	0	1	0	3	9	4	13	1.8	4.1	0.3	0.7	3	1	4	4	8	12	20	6.1	7.4		
a. CNS germ cell	0	0	0	2	1	2	3	0.8	0.9	1.0	1.0	0	0	1	1	1	2	3	0.9	1.0		
b. Other extragonadal	0	1	0	1	1	2	3	1.0	1.1	0.7	1.0	3	0	0	0	0	3	3	1.8	1.4		
c. Gonadal germ cell	0	0	0	0	6	0	6	-	1.8	0.0	0.5	0	1	3	3	6	7	13	3.3	4.6		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified gonadal	0	0	0	0	1	0	1	-	0.3	-	1.0	0	0	0	0	1	0	1	-	0.3		
XI CARCINOMA & MELANOMA	0	1	2	4	8	7	15	3.1	4.9	1.4	0.6	0	0	0	5	22	5	27	2.1	9.0		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	0	2	1	2	3	0.8	0.9	1.0	0.3	0	0	0	2	10	2	12	0.8	4.0		
c. Nasopharyngeal	0	0	1	1	1	2	3	0.9	1.0	-	1.5	0	0	0	0	2	0	2	-	0.7		
d. Melanoma	0	1	0	0	0	1	1	0.6	0.5	-	-	0	0	0	0	0	0	0	-	-		
e. Skin carcinoma	0	0	0	0	1	0	1	-	0.3	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	1	1	5	2	7	0.9	2.2	0.7	0.5	0	0	0	3	10	3	13	1.2	4.3		
XII OTHER & UNSPECIFIED	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	1	0	2	2	0.9	0.7		
a. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.4	0.3		
b. Other unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	0	1	1	0.5	0.4		
TOTAL	20	93	58	75	97	246	343	124.0	125.7	1.2	1.2	21	68	50	70	79	209	288	108.6	110.6		

Please consult the quality indicators for this registry

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	Age group	Males	Females
Person-years	0	128 064	123 464
	1-4	527 240	505 028
	5-9	678 274	649 834
	10-14	734 864	700 957
	15-19	736 325	672 306
Total	0-14	2 068 442	1 979 283
	0-19	2 804 767	2 651 589
Average annual population	0-14	159 111	152 253
	0-19	215 751	203 968

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