

## USA, California, Los Angeles, Black (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	ASR			0-14
<b>I LEUKAEMIA</b>	7	47	42	41	33	137	170	25.4	100.0	22.1	100.0	24.4	38.4	25.3	24.6	20.9	29.1	27.3	428	533	99.4	0.0
a. Lymphoid	1	33	31	22	16	87	103	16.1	63.5	13.4	60.6	3.5	27.0	18.7	13.2	10.1	18.6	16.7	272	323	100.0	0.0
b. Acute myeloid	5	11	8	14	9	38	47	7.1	27.7	6.1	27.6	17.4	9.0	4.8	8.4	5.7	8.1	7.6	119	148	100.0	0.0
c. CMD	1	0	2	4	6	7	13	1.3	5.1	1.7	7.6	3.5	-	1.2	2.4	3.8	1.3	1.9	21	40	92.3	0.0
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified	0	3	1	1	2	5	7	0.9	3.6	0.9	4.1	-	2.5	0.6	0.6	1.3	1.1	1.2	16	22	100.0	0.0
<b>II LYMPHOMA &amp; RELATED</b>	3	11	16	36	62	66	128	12.2	100.0	16.6	100.0	10.5	9.0	9.6	21.6	39.3	13.0	18.9	203	399	100.0	0.0
a. Hodgkin	0	2	4	20	34	26	60	4.8	39.4	7.8	46.9	-	1.6	2.4	12.0	21.6	4.8	8.6	79	186	100.0	0.0
b. Non-Hodgkin except BL	1	6	10	14	26	31	57	5.8	47.0	7.4	44.5	3.5	4.9	6.0	8.4	16.5	6.2	8.5	95	178	100.0	0.0
c. Burkitt (BL)	0	2	2	2	1	6	7	1.1	9.1	0.9	5.5	-	1.6	1.2	1.2	0.6	1.2	1.1	19	22	100.0	0.0
d. Lymphoreticular	2	1	0	0	0	3	3	0.6	4.5	0.4	2.3	7.0	0.8	-	-	-	0.8	0.6	10	10	100.0	0.0
e. Unspecified	0	0	0	0	1	0	1	-	-	0.1	0.8	-	-	-	-	0.6	-	0.1	-	3	100.0	0.0
<b>III CNS NEOPLASMS</b>	3	42	40	33	33	118	151	21.9	100.0	19.6	100.0	10.5	34.3	24.1	19.8	20.9	25.1	24.1	368	473	89.4	0.0
a. Ependymoma	0	10	4	2	4	16	20	3.0	13.6	2.6	13.2	-	8.2	2.4	1.2	2.5	3.7	3.4	51	64	100.0	0.0
b. Astrocytoma	3	10	18	16	19	47	66	8.7	39.8	8.6	43.7	10.5	8.2	10.8	9.6	12.1	9.6	10.2	145	205	97.0	0.0
c. CNS embryonal	0	13	7	6	3	26	29	4.8	22.0	3.8	19.2	-	10.6	4.2	3.6	1.9	5.7	4.9	82	92	100.0	0.0
d. Other gliomas	0	5	10	6	7	21	28	3.9	17.8	3.6	18.5	-	4.1	6.0	3.6	4.4	4.3	4.3	65	87	53.6	0.0
e. Other specified	0	3	1	3	0	7	7	1.3	5.9	0.9	4.6	-	2.5	0.6	1.8	-	1.5	1.2	22	22	100.0	0.0
f. Unspecified CNS	0	1	0	0	0	1	1	0.2	0.8	0.1	0.7	-	0.8	-	-	-	0.3	0.2	3	3	0.0	0.0
<b>IV NEUROBLASTOMA</b>	12	15	8	3	1	38	39	7.1	100.0	5.1	100.0	41.9	12.3	4.8	1.8	0.6	9.0	7.1	122	126	100.0	0.0
a. (Ganglio)neuroblastoma	12	15	8	3	0	38	38	7.1	100.0	4.9	97.4	41.9	12.3	4.8	1.8	-	9.0	7.0	122	122	100.0	0.0
b. Peripheral nervous	0	0	0	0	1	0	1	-	-	0.1	2.6	-	-	-	-	0.6	-	0.1	-	3	100.0	0.0
<b>V RETINOBLASTOMA</b>	8	15	0	0	0	23	23	4.3	100.0	3.0	100.0	27.9	12.3	-	-	-	5.9	4.6	76	76	95.7	0.0
<b>VI RENAL TUMOURS</b>	1	24	11	3	5	39	44	7.2	100.0	5.7	100.0	3.5	19.6	6.6	1.8	3.2	9.1	7.7	125	141	100.0	0.0
a. Nephroblastoma	1	24	11	2	0	38	38	7.1	97.4	4.9	86.4	3.5	19.6	6.6	1.2	-	8.9	6.9	122	122	100.0	0.0
b. Renal carcinoma	0	0	0	1	5	1	6	0.2	2.6	0.8	13.6	-	-	-	0.6	3.2	0.2	0.8	3	19	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VII HEPATIC TUMOURS</b>	1	4	0	0	2	5	7	0.9	100.0	0.9	100.0	3.5	3.3	-	-	1.3	1.3	1.3	17	23	100.0	0.0
a. Hepatoblastoma	1	4	0	0	0	5	5	0.9	100.0	0.6	71.4	3.5	3.3	-	-	-	1.3	1.0	17	17	100.0	0.0
b. Hepatic carcinoma	0	0	0	0	2	0	2	-	-	0.3	28.6	-	-	-	-	1.3	-	0.3	-	6	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VIII BONE TUMOURS</b>	1	1	10	14	19	26	45	4.8	100.0	5.8	100.0	3.5	0.8	6.0	8.4	12.1	4.9	6.5	79	139	100.0	0.0
a. Osteosarcoma	0	1	10	13	13	24	37	4.5	92.3	4.8	82.2	-	0.8	6.0	7.8	8.2	4.5	5.3	72	114	100.0	0.0
b. Chondrosarcoma	0	0	0	0	1	0	1	-	-	0.1	2.2	-	-	-	-	0.6	-	0.1	-	3	100.0	0.0
c. Ewing & related	0	0	0	1	2	1	3	0.2	3.8	0.4	6.7	-	-	-	0.6	1.3	0.2	0.4	3	9	100.0	0.0
d. Other specified	1	0	0	0	3	1	4	0.2	3.8	0.5	8.9	3.5	-	-	-	1.9	0.3	0.6	3	13	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>IX SOFT TISSUE SARCOMA</b>	5	7	15	28	26	55	81	10.2	100.0	10.5	100.0	17.4	5.7	9.0	16.8	16.5	10.9	12.1	169	251	100.0	0.0
a. Rhabdomyosarcoma	1	6	8	11	7	26	33	4.8	47.3	4.3	40.7	3.5	4.9	4.8	6.6	4.4	5.3	5.1	80	102	100.0	0.0
b. Fibrosarcoma	2	0	1	2	4	5	9	0.9	9.1	1.2	11.1	7.0	-	0.6	1.2	2.5	1.1	1.4	16	28	100.0	0.0
c. Kaposi sarcoma	0	0	0	1	2	1	3	0.2	1.8	0.4	3.7	-	-	-	0.6	1.3	0.2	0.4	3	9	100.0	0.0
d. Other specified	1	1	6	7	10	15	25	2.8	27.3	3.2	30.9	3.5	0.8	3.6	4.2	6.3	2.9	3.7	46	77	100.0	0.0
e. Unspecified	1	0	0	7	3	8	11	1.5	14.5	1.4	13.6	3.5	-	-	4.2	1.9	1.5	1.6	24	34	100.0	0.0
<b>X GERM CELL TUMOURS</b>	4	2	4	2	20	12	32	2.2	100.0	4.2	100.0	14.0	1.6	2.4	1.2	12.7	2.7	4.9	38	101	100.0	0.0
a. CNS germ cell	0	0	0	0	3	0	3	-	-	0.4	9.4	-	-	-	-	1.9	-	0.4	-	10	100.0	0.0
b. Other extragonadal	4	1	0	0	1	5	6	0.9	41.7	0.8	18.8	14.0	0.8	-	-	0.6	1.3	1.1	17	20	100.0	0.0
c. Gonadal germ cell	0	1	3	1	13	5	18	0.9	41.7	2.3	56.3	-	0.8	1.8	0.6	8.2	1.0	2.6	15	57	100.0	0.0
d. Gonadal carcinoma	0	0	0	1	1	1	2	0.2	8.3	0.3	6.3	-	-	-	0.6	0.6	0.2	0.3	3	6	100.0	0.0
e. Unspecified gonadal	0	0	1	0	2	1	3	0.2	8.3	0.4	9.4	-	-	0.6	-	1.3	0.2	0.4	3	9	100.0	0.0
<b>XI CARCINOMA &amp; MELANOMA</b>	0	1	4	11	29	16	45	3.0	100.0	5.8	100.0	-	0.8	2.4	6.6	18.4	2.9	6.4	48	140	100.0	0.0
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Thyroid	0	0	0	4	10	4	14	0.7	25.0	1.8	31.1	-	-	-	2.4	6.3	0.7	2.0	12	44	100.0	0.0
c. Nasopharyngeal	0	0	0	4	4	4	8	0.7	25.0	1.0	17.8	-	-	-	2.4	2.5	0.7	1.1	12	25	100.0	0.0
d. Melanoma	0	0	1	0	3	1	4	0.2	6.3	0.5	8.9	-	-	0.6	-	1.9	0.2	0.6	3	13	100.0	0.0
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	0	1	3	3	12	7	19	1.3	43.8	2.5	42.2	-	0.8	1.8	1.8	7.6	1.4	2.8	21	59	100.0	0.0
<b>XII OTHER &amp; UNSPECIFIED</b>	0	0	1	3	1	4	5	0.7	100.0	0.6	100.0	-	-	0.6	1.8	0.6	0.7	0.7	12	15	100.0	0.0
a. Other specified	0	0	0	2	1	2	3	0.4	50.0	0.4	60.0	-	-	-	1.2	0.6	0.3	0.4	6	9	100.0	0.0
b. Other unspecified	0	0	1	1	0	2	2	0.4	50.0	0.3	40.0	-	-	0.6	0.6	-	0.4	0.3	6	6	100.0	0.0
<b>TOTAL</b>	45	169	151	174	231	539	770	100.0	100.0	100.0	100.0	157.0	138.2	90.9	104.4	146.5	114.5	121.7	1685	2418	97.7	0.0

Please consult the quality indicators for this registry

## America, North

## USA, California, Los Angeles, Black (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		
<b>I LEUKAEMIA</b>	4	34	20	26	13	84	97	35.8	31.4	1.6	1.3	3	13	22	15	20	53	73	22.3	23.1		
a. Lymphoid	0	25	15	12	6	52	58	22.5	19.1	1.5	1.3	1	8	16	10	10	35	45	14.5	14.2		
b. Acute myeloid	3	6	3	10	2	22	24	9.1	7.6	1.4	1.0	2	5	5	4	7	16	23	7.0	7.5		
c. CMD	1	0	1	4	3	6	9	2.3	2.6	6.0	2.3	0	0	1	0	3	1	4	0.4	1.2		
d. MDS & other	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	3	1	0	2	4	6	1.9	2.0	4.0	6.0	0	0	0	1	0	1	1	0.4	0.3		
<b>II LYMPHOMA &amp; RELATED</b>	0	7	12	19	35	38	73	14.6	21.2	1.4	1.3	3	4	4	17	27	28	55	11.2	16.5		
a. Hodgkin	0	1	2	11	18	14	32	5.0	9.0	1.2	1.1	0	1	2	9	16	12	28	4.5	8.1		
b. Non-Hodgkin except BL	0	3	8	6	15	17	32	6.6	9.4	1.2	1.3	1	3	2	8	11	14	25	5.7	7.6		
c. Burkitt (BL)	0	2	2	2	1	6	7	2.5	2.2	-	-	0	0	0	0	0	0	0	-	-		
d. Lymphoreticular	0	1	0	0	0	1	1	0.5	0.4	0.5	0.5	2	0	0	0	0	2	2	1.0	0.8		
e. Unspecified	0	0	0	0	1	0	1	-	0.3	-	-	0	0	0	0	0	0	0	-	-		
<b>III CNS NEOPLASMS</b>	2	22	19	16	18	59	77	24.9	24.4	1.0	1.0	1	20	21	17	15	59	74	25.2	23.9		
a. Ependymoma	0	7	3	1	3	11	14	5.0	4.7	2.2	2.3	0	3	1	1	1	5	6	2.3	2.1		
b. Astrocytoma	2	5	8	8	10	23	33	9.3	10.1	1.0	1.0	1	5	10	8	9	24	33	9.9	10.3		
c. CNS embryonal	0	6	3	2	3	11	14	4.9	4.6	0.7	0.9	0	7	4	4	0	15	15	6.6	5.1		
d. Other gliomas	0	2	5	4	2	11	13	4.3	3.9	1.1	0.9	0	3	5	2	5	10	15	4.2	4.7		
e. Other specified	0	1	0	1	0	2	2	0.8	0.7	0.4	0.4	0	2	1	2	0	5	5	2.1	1.7		
f. Unspecified CNS	0	1	0	0	0	1	1	0.5	0.4	-	-	0	0	0	0	0	0	0	-	-		
<b>IV NEUROBLASTOMA</b>	5	9	4	1	1	19	20	8.9	7.2	1.0	1.1	7	6	4	2	0	19	19	9.1	7.0		
a. (Ganglio)neuroblastoma	5	9	4	1	0	19	19	8.9	6.9	1.0	1.0	7	6	4	2	0	19	19	9.1	7.0		
b. Peripheral nervous	0	0	0	0	1	0	1	-	0.3	-	-	0	0	0	0	0	0	0	-	-		
<b>V RETINOBLASTOMA</b>	5	9	0	0	0	14	14	7.1	5.5	1.6	1.6	3	6	0	0	0	9	9	4.7	3.6		
<b>VI RENAL TUMOURS</b>	1	13	3	0	3	17	20	8.2	7.2	0.8	0.8	0	11	8	3	2	22	24	9.9	8.3		
a. Nephroblastoma	1	13	3	0	0	17	17	8.2	6.4	0.8	0.8	0	11	8	2	0	21	21	9.6	7.4		
b. Renal carcinoma	0	0	0	0	3	0	3	-	0.8	0.0	1.0	0	0	0	1	2	1	3	0.4	0.9		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VII HEPATIC TUMOURS</b>	0	2	0	0	1	2	3	1.0	1.1	0.7	0.8	1	2	0	0	1	3	4	1.6	1.5		
a. Hepatoblastoma	0	2	0	0	0	2	2	1.0	0.8	0.7	0.7	1	2	0	0	0	3	3	1.6	1.2		
b. Hepatic carcinoma	0	0	0	0	1	0	1	-	0.3	-	1.0	0	0	0	0	1	0	1	-	0.3		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VIII BONE TUMOURS</b>	0	1	3	6	11	10	21	3.7	6.0	0.6	0.9	1	0	7	8	8	16	24	6.1	7.0		
a. Osteosarcoma	0	1	3	5	7	9	16	3.4	4.6	0.6	0.8	0	0	7	8	6	15	21	5.6	6.1		
b. Chondrosarcoma	0	0	0	0	1	0	1	-	0.3	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	0	1	2	1	3	0.3	0.8	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	0	0	0	1	0	1	-	0.3	0.0	0.3	1	0	0	0	2	1	3	0.5	1.0		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>IX SOFT TISSUE SARCOMA</b>	2	5	13	20	14	40	54	15.4	15.9	2.7	2.0	3	2	2	8	12	15	27	6.2	8.3		
a. Rhabdomyosarcoma	0	5	8	8	5	21	26	8.3	7.9	4.2	3.7	1	1	0	3	2	5	7	2.1	2.2		
b. Fibrosarcoma	1	0	1	1	2	3	5	1.2	1.5	1.5	1.3	1	0	0	1	2	2	4	0.9	1.3		
c. Kaposi sarcoma	0	0	0	1	2	1	3	0.3	0.8	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	0	4	4	4	8	12	2.9	3.4	1.1	0.9	1	1	2	3	6	7	13	2.9	4.0		
e. Unspecified	1	0	0	6	1	7	8	2.6	2.3	7.0	2.7	0	0	0	1	2	1	3	0.4	0.9		
<b>X GERM CELL TUMOURS</b>	2	1	0	0	8	3	11	1.5	3.4	0.3	0.5	2	1	4	2	12	9	21	3.8	6.4		
a. CNS germ cell	0	0	0	0	2	0	2	-	0.6	-	2.0	0	0	0	0	1	0	1	-	0.3		
b. Other extragonadal	2	1	0	0	1	3	4	1.5	1.5	1.5	2.0	2	0	0	0	0	2	2	1.0	0.8		
c. Gonadal germ cell	0	0	0	0	5	0	5	-	1.4	0.0	0.4	0	1	3	1	8	5	13	2.1	3.9		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	1	2	0.4	0.6		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	2	1	3	0.4	0.9		
<b>XI CARCINOMA &amp; MELANOMA</b>	0	0	1	6	11	7	18	2.4	5.0	0.8	0.7	0	1	3	5	18	9	27	3.5	7.9		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	0	0	3	0	3	-	0.8	0.0	0.3	0	0	0	4	7	4	11	1.4	3.1		
c. Nasopharyngeal	0	0	0	4	4	4	8	1.4	2.2	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	0	0	0	1	0	1	-	0.3	0.0	0.3	0	0	1	0	2	1	3	0.4	0.9		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	1	2	3	3	6	1.1	1.7	0.8	0.5	0	1	2	1	9	4	13	1.7	3.9		
<b>XII OTHER &amp; UNSPECIFIED</b>	0	0	0	1	1	1	2	0.3	0.5	0.3	0.7	0	0	1	2	0	3	3	1.1	0.9		
a. Other specified	0	0	0	1	1	1	2	0.3	0.5	1.0	2.0	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	1	0	2	2	0.7	0.6		
<b>TOTAL</b>	21	103	75	95	116	294	410	123.9	128.8	1.2	1.1	24	66	76	79	115	245	360	104.8	114.4		

Please consult the quality indicators for this registry

## USA, California, Los Angeles, Black (1993-2012)

	Age group	Males	Females
Person-years	0	146 217	140 444
	1-4	621 202	601 983
	5-9	842 575	818 552
	10-14	845 712	821 195
	15-19	796 937	779 430
Total	0-14	2 455 706	2 382 174
	0-19	3 252 643	3 161 604
Average annual population	0-14	122 785	119 109
	0-19	162 632	158 080

Please consult the quality indicators for this registry