

USA, California, Black (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	0-19
I LEUKAEMIA	22	111	83	91	68	307	375	26.9	100.0	22.9	100.0	37.4	45.5	25.4	26.3	20.2	32.8	30.0	478	579	98.9	0.5	
a. Lymphoid	8	85	63	48	31	204	235	17.9	66.4	14.3	62.7	13.6	34.8	19.3	13.9	9.2	22.1	19.2	319	366	99.6	0.4	
b. Acute myeloid	12	22	15	34	19	83	102	7.3	27.0	6.2	27.2	20.4	9.0	4.6	9.8	5.6	8.7	8.0	128	157	100.0	0.0	
c. CMD	1	0	2	5	12	8	20	0.7	2.6	1.2	5.3	1.7	-	0.6	1.4	3.6	0.7	1.4	12	30	90.0	5.0	
d. MDS & other	1	1	1	2	3	5	8	0.4	1.6	0.5	2.1	1.7	0.4	0.3	0.6	0.9	0.5	0.6	8	12	100.0	0.0	
e. Unspecified	0	3	2	2	3	7	10	0.6	2.3	0.6	2.7	-	1.2	0.6	0.6	0.9	0.7	0.8	11	15	90.0	0.0	
II LYMPHOMA & RELATED	2	15	41	69	116	127	243	11.1	100.0	14.8	100.0	3.4	6.1	12.6	20.0	34.5	12.0	17.1	191	363	99.2	0.0	
a. Hodgkin	0	2	15	39	62	56	118	4.9	44.1	7.2	48.6	-	0.8	4.6	11.3	18.4	5.0	8.0	83	175	100.0	0.0	
b. Non-Hodgkin except BL	0	5	18	28	48	51	99	4.5	40.2	6.0	40.7	-	2.0	5.5	8.1	14.3	4.8	6.9	76	148	99.0	0.0	
c. Burkitt (BL)	0	3	5	2	3	10	13	0.9	7.9	0.8	5.3	-	1.2	1.5	0.6	0.9	1.0	1.0	16	20	100.0	0.0	
d. Lymphoreticular	2	5	3	0	1	10	11	0.9	7.9	0.7	4.5	3.4	2.0	0.9	-	0.3	1.2	1.0	16	18	100.0	0.0	
e. Unspecified	0	0	0	0	2	0	2	-	-	0.1	0.8	-	-	-	-	0.6	-	0.1	-	3	5	50.0	0.0
III CNS NEOPLASMS †	14	88	76	81	89	259	348	22.7	100.0	21.2	100.0	23.8	36.1	23.3	23.4	26.4	27.4	27.1	402	534	83.0	0.3	
a. Ependymoma	1	20	8	4	5	33	38	2.9	12.7	2.3	10.9	1.7	8.2	2.5	1.2	1.5	3.8	3.3	53	60	100.0	0.0	
b. Astrocytoma	6	30	30	35	30	101	131	8.9	39.0	8.0	37.6	10.2	12.3	9.2	10.1	8.9	10.5	10.1	156	201	91.6	0.0	
c. CNS embryonal	4	18	14	13	5	49	54	4.3	18.9	3.3	15.5	6.8	7.4	4.3	3.8	1.5	5.3	4.4	77	84	98.1	0.0	
d. Other gliomas	0	11	18	8	12	37	49	3.2	14.3	3.0	14.1	-	4.5	5.5	2.3	3.6	3.9	3.8	57	75	42.9	0.0	
e. Other specified	2	8	6	20	37	36	73	3.2	13.9	4.5	21.0	3.4	3.3	1.8	5.8	11.0	3.6	5.2	55	110	76.7	1.4	
f. Unspecified CNS	1	1	0	1	0	3	3	0.3	1.2	0.2	0.9	1.7	0.4	-	0.3	-	0.3	0.3	5	5	33.3	0.0	
IV NEUROBLASTOMA	22	48	12	5	4	87	91	7.6	100.0	5.6	100.0	37.4	19.7	3.7	1.4	1.2	10.6	8.4	141	147	96.7	1.1	
a. (Ganglio)neuroblastoma	22	48	12	5	0	87	87	7.6	100.0	5.3	95.6	37.4	19.7	3.7	1.4	-	10.6	8.2	141	141	97.7	1.1	
b. Peripheral nervous	0	0	0	0	4	0	4	-	-	0.2	4.4	-	-	-	-	1.2	-	0.3	-	6	7	75.0	0.0
V RETINOBLASTOMA	17	18	0	0	0	35	35	3.1	100.0	2.1	100.0	28.9	7.4	-	-	-	4.5	3.5	58	58	88.6	0.0	
VI RENAL TUMOURS	4	49	27	4	7	84	91	7.4	100.0	5.6	100.0	6.8	20.1	8.3	1.2	2.1	9.8	8.0	135	145	100.0	0.0	
a. Nephroblastoma	4	49	26	1	1	80	81	7.0	95.2	4.9	89.0	6.8	20.1	8.0	0.3	0.3	9.4	7.4	129	130	100.0	0.0	
b. Renal carcinoma	0	0	1	3	6	4	10	0.4	4.8	0.6	11.0	-	-	0.3	0.9	1.8	0.4	0.7	6	15	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VII HEPATIC TUMOURS	4	5	0	1	5	10	15	0.9	100.0	0.9	100.0	6.8	2.0	-	0.3	1.5	1.2	1.3	16	24	100.0	0.0	
a. Hepatoblastoma	4	5	0	0	0	9	9	0.8	90.0	0.5	60.0	6.8	2.0	-	-	-	1.2	0.9	15	15	100.0	0.0	
b. Hepatic carcinoma	0	0	0	1	5	1	6	0.1	10.0	0.4	40.0	-	-	-	0.3	1.5	0.1	0.4	1	9	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIII BONE TUMOURS	0	1	15	39	43	55	98	4.8	100.0	6.0	100.0	-	0.4	4.6	11.3	12.8	4.9	6.7	81	145	100.0	0.0	
a. Osteosarcoma	0	1	15	32	31	48	79	4.2	87.3	4.8	80.6	-	0.4	4.6	9.3	9.2	4.3	5.4	71	117	100.0	0.0	
b. Chondrosarcoma	0	0	0	0	3	0	3	-	-	0.2	3.1	-	-	-	-	0.9	-	0.2	-	4	4	100.0	0.0
c. Ewing & related	0	0	0	3	3	3	6	0.3	5.5	0.4	6.1	-	-	-	0.9	0.9	0.3	0.4	4	9	100.0	0.0	
d. Other specified	0	0	0	3	5	3	8	0.3	5.5	0.5	8.2	-	-	-	0.9	1.5	0.3	0.5	4	12	100.0	0.0	
e. Unspecified	0	0	0	1	1	1	2	0.1	1.8	0.1	2.0	-	-	-	-	0.3	0.3	0.1	1	3	100.0	0.0	
IX SOFT TISSUE SARCOMA	9	24	26	48	47	107	154	9.4	100.0	9.4	100.0	15.3	9.8	8.0	13.9	14.0	10.8	11.5	164	234	100.0	0.0	
a. Rhabdomyosarcoma	3	20	16	19	12	58	70	5.1	54.2	4.3	45.5	5.1	8.2	4.9	5.5	3.6	6.1	5.5	90	108	100.0	0.0	
b. Fibrosarcoma	3	1	1	4	6	9	15	0.8	8.4	0.9	9.7	5.1	0.4	0.3	1.2	1.8	0.9	1.1	14	23	100.0	0.0	
c. Kaposi sarcoma	0	0	0	1	1	1	2	0.1	0.9	0.1	1.3	-	-	-	-	0.3	0.3	0.1	1	3	100.0	0.0	
d. Other specified	2	3	8	16	21	29	50	2.5	27.1	3.1	32.5	3.4	1.2	2.5	4.6	6.2	2.8	3.6	44	75	100.0	0.0	
e. Unspecified	1	0	1	8	7	10	17	0.9	9.3	1.0	11.0	1.7	-	0.3	2.3	2.1	0.9	1.2	15	25	100.0	0.0	
X GERM CELL TUMOURS	5	3	6	14	49	28	77	2.5	100.0	4.7	100.0	8.5	1.2	1.8	4.0	14.6	2.8	5.4	43	115	96.1	0.0	
a. CNS germ cell	0	0	1	4	7	5	12	0.4	17.9	0.7	15.6	-	-	0.3	1.2	2.1	0.4	0.8	7	18	91.7	0.0	
b. Other extragonadal	5	1	0	2	4	8	12	0.7	28.6	0.7	15.6	8.5	0.4	-	0.6	1.2	0.9	1.0	13	19	91.7	0.0	
c. Gonadal germ cell	0	2	4	7	32	13	45	1.1	46.4	2.7	58.4	-	0.8	1.2	2.0	9.5	1.2	3.1	20	67	100.0	0.0	
d. Gonadal carcinoma	0	0	0	1	2	1	3	0.1	3.6	0.2	3.9	-	-	-	0.3	0.6	0.1	0.2	1	4	100.0	0.0	
e. Unspecified gonadal	0	0	1	0	4	1	5	0.1	3.6	0.3	6.5	-	-	0.3	-	1.2	0.1	0.3	2	7	80.0	0.0	
XI CARCINOMA & MELANOMA	1	2	7	26	68	36	104	3.2	100.0	6.3	100.0	1.7	0.8	2.1	7.5	20.2	3.3	7.1	53	154	100.0	0.0	
a. Adrenocortical	0	0	1	0	0	1	1	0.1	2.8	0.1	1.0	-	-	0.3	-	-	0.1	0.1	2	2	100.0	0.0	
b. Thyroid	0	0	0	11	23	11	34	1.0	30.6	2.1	32.7	-	-	-	-	3.2	6.8	0.9	2.3	16	50	100.0	0.0
c. Nasopharyngeal	0	0	1	5	11	6	17	0.5	16.7	1.0	16.3	-	-	0.3	1.4	3.3	0.5	1.1	9	25	100.0	0.0	
d. Melanoma	0	1	1	0	3	2	5	0.2	5.6	0.3	4.8	-	0.4	0.3	-	0.9	0.2	0.4	3	8	100.0	0.0	
e. Skin carcinoma	0	0	0	0	1	0	1	-	-	0.1	1.0	-	-	-	-	0.3	-	0.1	-	1	1	100.0	0.0
f. Other & unspecified	1	1	4	10	30	16	46	1.4	44.4	2.8	44.2	1.7	0.4	1.2	2.9	8.9	1.5	3.2	24	68	100.0	0.0	
XII OTHER & UNSPECIFIED	0	0	1	4	2	5	7	0.4	100.0	0.4	100.0	-	-	0.3	1.2	0.6	0.4	0.5	7	10	100.0	0.0	
a. Other specified	0	0	0	3	1	3	4	0.3	60.0	0.2	57.1	-	-	-	0.9	0.3	0.3	0.3	4	6	100.0	0.0	
b. Other unspecified	0	0	1	1	1	2	3	0.2	40.0	0.2	42.9	-	-	-	0.3	0.3	0.3	0.2	3	4	100.0	0.0	
TOTAL	100	364	294	382	498	1140	1638	100.0	100.0	100.0	100.0	170.2	149.2	90.1	110.5	148.0	120.4	126.6	1769	2509	95.4	0.2	

† includes 79 non-malignant

Please consult the quality indicators for this registry

USA, California, Black (1998-2012)

	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	12	77	42	53	32	184	216	39.2	34.5	1.5	1.4	10	34	41	38	36	123	159	26.2	25.3		
a. Lymphoid	3	60	33	26	17	122	139	26.5	22.7	1.5	1.4	5	25	30	22	14	82	96	17.6	15.6		
b. Acute myeloid	7	14	6	21	6	48	54	9.9	8.4	1.4	1.1	5	8	9	13	13	35	48	7.4	7.5		
c. CMD	1	0	1	3	5	5	10	0.9	1.4	1.7	1.0	0	0	1	2	7	3	10	0.5	1.4		
d. MDS & other	1	0	1	2	1	4	5	0.8	0.7	4.0	1.7	0	1	0	0	2	1	3	0.3	0.5		
e. Unspecified	0	3	1	1	3	5	8	1.1	1.3	2.5	4.0	0	0	1	1	0	2	2	0.4	0.3		
II LYMPHOMA & RELATED	0	10	30	34	66	74	140	13.9	19.4	1.4	1.4	2	5	11	35	50	53	103	10.0	14.7		
a. Hodgkin	0	1	12	17	30	30	60	5.4	8.1	1.2	1.0	0	1	3	22	32	26	58	4.6	8.0		
b. Non-Hodgkin except BL	0	2	11	15	31	28	59	5.1	8.0	1.2	1.5	0	3	7	13	17	23	40	4.4	5.8		
c. Burkitt (BL)	0	3	5	2	3	10	13	2.1	2.0	-	-	0	0	0	0	0	0	0	-	-		
d. Lymphoreticular	0	4	2	0	0	6	6	1.4	1.1	1.5	1.2	2	1	1	0	1	4	5	1.0	0.9		
e. Unspecified	0	0	0	0	2	0	2	-	0.3	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	8	44	37	43	41	132	173	27.3	26.5	1.0	1.0	6	44	39	38	48	127	175	27.4	27.8		
a. Ependymoma	0	13	4	3	4	20	24	4.5	4.0	1.5	1.7	1	7	4	1	1	13	14	3.1	2.5		
b. Astrocytoma	3	14	13	18	14	48	62	9.8	9.4	0.9	0.9	3	16	17	17	16	53	69	11.3	11.0		
c. CNS embryonal	3	7	10	8	3	28	31	5.8	4.9	1.3	1.3	1	11	4	5	2	21	23	4.8	4.0		
d. Other gliomas	0	3	9	5	7	17	24	3.3	3.5	0.9	1.0	0	8	9	3	5	20	25	4.4	4.1		
e. Other specified	2	6	1	9	13	18	31	3.7	4.5	1.0	0.7	0	2	5	11	24	18	42	3.4	5.9		
f. Unspecified CNS	0	1	0	0	0	1	1	0.3	0.2	0.5	0.5	1	0	0	1	0	2	2	0.4	0.3		
IV NEUROBLASTOMA	10	28	6	1	3	45	48	10.9	8.8	1.1	1.1	12	20	6	4	1	42	43	10.2	8.1		
a. (Ganglio)neuroblastoma	10	28	6	1	0	45	45	10.9	8.4	1.1	1.1	12	20	6	4	0	42	42	10.2	7.9		
b. Peripheral nervous	0	0	0	0	3	0	3	-	0.4	-	3.0	0	0	0	0	1	0	1	-	0.1		
V RETINOBLASTOMA	12	11	0	0	0	23	23	5.8	4.5	1.9	1.9	5	7	0	0	0	12	12	3.1	2.4		
VI RENAL TUMOURS	2	26	8	1	6	37	43	8.7	7.6	0.8	0.9	2	23	19	3	1	47	48	10.9	8.6		
a. Nephroblastoma	2	26	7	0	1	35	36	8.4	6.6	0.8	0.8	2	23	19	1	0	45	45	10.5	8.1		
b. Renal carcinoma	0	0	1	1	5	2	7	0.4	0.9	1.0	2.3	0	0	0	2	1	2	3	0.3	0.4		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	2	3	0	1	3	6	9	1.4	1.5	1.5	1.5	2	2	0	0	2	4	6	1.0	1.1		
a. Hepatoblastoma	2	3	0	0	0	5	5	1.3	1.0	1.3	1.3	2	2	0	0	0	4	4	1.0	0.8		
b. Hepatic carcinoma	0	0	0	1	3	1	4	0.2	0.5	-	2.0	0	0	0	0	2	0	2	-	0.3		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	1	9	14	29	24	53	4.3	7.1	0.8	1.2	0	0	6	25	14	31	45	5.5	6.2		
a. Osteosarcoma	0	1	9	11	22	21	43	3.8	5.8	0.8	1.2	0	0	6	21	9	27	36	4.8	5.0		
b. Chondrosarcoma	0	0	0	0	2	0	2	-	0.3	-	2.0	0	0	0	1	0	1	1	-	0.1		
c. Ewing & related	0	0	0	2	2	2	4	0.3	0.5	2.0	2.0	0	0	0	1	1	1	2	0.2	0.3		
d. Other specified	0	0	0	1	2	1	3	0.2	0.4	0.5	0.6	0	0	0	2	3	2	5	0.3	0.7		
e. Unspecified	0	0	0	0	1	0	1	-	0.1	0.0	1.0	0	0	0	1	0	1	1	0.2	0.1		
IX SOFT TISSUE SARCOMA	6	16	21	29	27	72	99	14.4	14.6	2.1	1.8	3	8	5	19	20	35	55	7.1	8.3		
a. Rhabdomyosarcoma	2	14	14	13	9	43	52	8.9	8.0	2.9	2.9	1	6	2	6	3	15	18	3.3	2.9		
b. Fibrosarcoma	2	0	1	2	2	5	7	1.0	1.1	1.3	0.9	1	1	0	2	4	4	8	0.9	1.2		
c. Kaposi sarcoma	0	0	0	1	1	1	2	0.2	0.3	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	1	2	5	7	11	15	26	2.9	3.7	1.1	1.1	1	1	3	9	10	14	24	2.7	3.4		
e. Unspecified	1	0	1	6	4	8	12	1.4	1.6	4.0	2.4	0	0	0	2	3	2	5	0.3	0.7		
X GERM CELL TUMOURS	0	1	0	4	25	5	30	0.9	4.0	0.2	0.6	5	2	6	10	24	23	47	4.7	7.0		
a. CNS germ cell	0	0	0	2	6	2	8	0.3	1.0	0.7	2.0	0	0	1	2	1	3	4	0.5	0.6		
b. Other extragonadal	0	1	0	1	2	2	4	0.4	0.6	0.3	0.5	5	0	0	1	2	6	8	1.5	1.4		
c. Gonadal germ cell	0	0	0	1	16	1	17	0.2	2.2	0.1	0.6	0	2	4	6	16	12	28	2.4	4.0		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	2	1	3	0.2	0.4		
e. Unspecified gonadal	0	0	0	0	1	0	1	-	0.1	0.0	0.3	0	0	1	0	3	1	4	0.2	0.6		
XI CARCINOMA & MELANOMA	1	1	2	12	23	16	39	2.9	5.2	0.8	0.6	0	1	5	14	45	20	65	3.7	9.0		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	0	1	1	0.2	0.2		
b. Thyroid	0	0	0	5	4	5	9	0.8	1.2	0.8	0.4	0	0	0	6	19	6	25	1.0	3.4		
c. Nasopharyngeal	0	0	1	3	6	4	10	0.7	1.3	2.0	1.4	0	0	0	2	5	2	7	0.3	1.0		
d. Melanoma	0	1	0	0	1	1	2	0.3	0.3	1.0	0.7	0	0	1	0	2	1	3	0.2	0.4		
e. Skin carcinoma	0	0	0	0	1	0	1	-	0.1	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	1	0	1	4	11	6	17	1.1	2.3	0.6	0.6	0	1	3	6	19	10	29	1.9	4.1		
XII OTHER & UNSPECIFIED	0	0	0	1	1	1	2	0.2	0.3	0.3	0.4	0	0	1	3	1	4	5	0.7	0.7		
a. Other specified	0	0	0	1	1	1	2	0.2	0.3	0.5	1.0	0	0	0	2	0	2	2	0.3	0.3		
b. Other unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	1	1	2	3	0.4	0.4		
TOTAL	53	218	155	193	256	619	875	129.8	133.9	1.2	1.1	47	146	139	189	242	521	763	110.7	119.1		

† includes 38 non-malignant in males and 41 non-malignant in females

Please consult the quality indicators for this registry

USA, California, Black (1998-2012)

	Age group	Males	Females
Person-years	0	299 656	288 052
	1-4	1 244 063	1 196 312
	5-9	1 662 018	1 602 399
	10-14	1 762 560	1 695 280
	15-19	1 731 054	1 634 868
Total	0-14	4 968 297	4 782 043
	0-19	6 699 351	6 416 911
Average annual population	0-14	331 220	318 803
	0-19	446 623	427 794

Please consult the quality indicators for this registry