

USA, California, Los Angeles (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	ASR	0-19			0-14
I LEUKAEMIA	146	1106	671	555	529	2478	3007	37.9	100.0	32.2	100.0	50.1	95.1	47.6	39.2	38.2	60.0	55.1	864	1055	99.5	0.1
a. Lymphoid	65	958	569	401	329	1993	2322	30.5	80.4	24.9	77.2	22.3	82.3	40.3	28.3	23.8	48.4	42.9	695	814	99.8	0.0
b. Acute myeloid	60	120	81	118	138	379	517	5.8	15.3	5.5	17.2	20.6	10.3	5.7	8.3	10.0	9.1	9.3	132	182	99.6	0.0
c. CMD	9	5	9	25	44	48	92	0.7	1.9	1.0	3.1	3.1	0.4	0.6	1.8	3.2	1.1	1.6	17	33	92.4	0.0
d. MDS & other	6	11	3	5	7	25	32	0.4	1.0	0.3	1.1	2.1	0.9	0.2	0.4	0.5	0.6	0.6	9	11	96.9	0.0
e. Unspecified	6	12	9	6	11	33	44	0.5	1.3	0.5	1.5	2.1	1.0	0.6	0.4	0.8	0.8	0.8	11	15	95.5	2.3
II LYMPHOMA & RELATED	30	118	194	339	572	681	1253	10.4	100.0	13.4	100.0	10.3	10.1	13.8	23.9	41.3	15.3	21.2	239	446	99.0	0.0
a. Hodgkin	0	16	74	170	355	260	615	4.0	38.2	6.6	49.1	-	1.4	5.2	12.0	25.6	5.6	10.1	92	220	99.8	0.0
b. Non-Hodgkin except BL	7	44	71	115	182	237	419	3.6	34.8	4.5	33.4	2.4	3.8	5.0	8.1	13.1	5.3	7.1	83	149	99.0	0.0
c. Burkitt (BL)	1	25	29	41	23	96	119	1.5	14.1	1.3	9.5	0.3	2.1	2.1	2.9	1.7	2.2	2.1	34	42	100.0	0.0
d. Lymphoreticular	22	29	16	7	5	74	79	1.1	10.9	0.8	6.3	7.5	2.5	1.1	0.5	0.4	1.9	1.5	26	27	100.0	0.0
e. Unspecified	0	4	4	6	7	14	21	0.2	2.1	0.2	1.7	-	0.3	0.3	0.4	0.5	0.3	0.4	5	7	66.7	0.0
III CNS NEOPLASMS	81	388	413	294	247	1176	1423	18.0	100.0	15.2	100.0	27.8	33.3	29.3	20.8	17.8	27.9	25.7	411	501	90.2	0.3
a. Ependymoma	14	51	35	11	28	111	139	1.7	9.4	1.5	9.8	4.8	4.4	2.5	0.8	2.0	2.8	2.6	39	49	100.0	0.0
b. Astrocytoma	27	152	179	160	135	518	653	7.9	44.0	7.0	45.9	9.3	13.1	12.7	11.3	9.8	12.1	11.6	181	230	96.3	0.5
c. CNS embryonal	30	131	112	61	40	334	374	5.1	28.4	4.0	26.3	10.3	11.3	7.9	4.3	2.9	8.1	6.9	117	131	99.2	0.0
d. Other gliomas	6	40	80	54	38	180	218	2.8	15.3	2.3	15.3	2.1	3.4	5.7	3.8	2.7	4.2	3.8	63	77	49.5	0.0
e. Other specified	3	10	6	6	5	25	30	0.4	2.1	0.3	2.1	1.0	0.9	0.4	0.4	0.4	0.6	0.6	9	11	100.0	0.0
f. Unspecified CNS	1	4	1	2	1	8	9	0.1	0.7	0.1	0.6	0.3	0.3	0.1	0.1	0.1	0.2	0.2	3	3	66.7	11.1
IV NEUROBLASTOMA	101	171	44	24	8	340	348	5.2	100.0	3.7	100.0	34.6	14.7	3.1	1.7	0.6	8.7	6.9	118	120	99.4	0.0
a. (Ganglio)neuroblastoma	101	171	40	18	1	330	331	5.0	97.1	3.5	95.1	34.6	14.7	2.8	1.3	0.1	8.5	6.6	114	114	99.4	0.0
b. Peripheral nervous	0	0	4	6	7	10	17	0.2	2.9	0.2	4.9	-	-	0.3	0.4	0.5	0.2	0.3	4	6	100.0	0.0
V RETINOBLASTOMA	85	141	7	0	0	233	233	3.6	100.0	2.5	100.0	29.1	12.1	0.5	-	-	6.2	4.8	80	80	85.4	0.0
VI RENAL TUMOURS	51	195	67	11	17	324	341	5.0	100.0	3.7	100.0	17.5	16.8	4.7	0.8	1.2	8.3	6.7	112	118	99.7	0.0
a. Nephroblastoma	50	195	66	7	3	318	321	4.9	98.1	3.4	94.1	17.1	16.8	4.7	0.5	0.2	8.2	6.4	110	111	99.7	0.0
b. Renal carcinoma	1	0	1	4	14	6	20	0.1	1.9	0.2	5.9	0.3	-	0.1	0.3	1.0	0.1	0.3	2	7	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	42	66	6	16	19	130	149	2.0	100.0	1.6	100.0	14.4	5.7	0.4	1.1	1.4	3.3	2.9	45	52	98.0	0.0
a. Hepatoblastoma	41	64	3	8	1	116	117	1.8	89.2	1.3	78.5	14.1	5.5	0.2	0.6	0.1	3.0	2.4	40	40	98.3	0.0
b. Hepatic carcinoma	1	2	3	8	18	14	32	0.2	10.8	0.3	21.5	0.3	0.2	0.2	0.6	1.3	0.3	0.5	5	11	96.9	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	3	19	63	155	201	240	441	3.7	100.0	4.7	100.0	1.0	1.6	4.5	10.9	14.5	5.2	7.3	85	157	99.8	0.0
a. Osteosarcoma	0	4	44	102	132	150	282	2.3	62.5	3.0	63.9	-	0.3	3.1	7.2	9.5	3.2	4.6	53	101	100.0	0.0
b. Chondrosarcoma	0	0	1	9	7	10	17	0.2	4.2	0.2	3.9	-	-	0.1	0.6	0.5	0.2	0.3	4	6	100.0	0.0
c. Ewing & related	0	13	13	41	48	67	115	1.0	27.9	1.2	26.1	-	1.1	0.9	2.9	3.5	1.5	1.9	24	41	99.1	0.0
d. Other specified	3	2	4	3	14	12	26	0.2	5.0	0.3	5.9	1.0	0.2	0.3	0.2	1.0	0.3	0.4	4	9	100.0	0.0
e. Unspecified	0	0	1	0	0	1	1	0.0	0.4	0.0	0.2	-	-	0.1	-	-	0.0	0.0	0	0	100.0	0.0
IX SOFT TISSUE SARCOMA	47	100	116	155	210	418	628	6.4	100.0	6.7	100.0	16.1	8.6	8.2	10.9	15.2	9.7	11.0	146	222	99.8	0.0
a. Rhabdomyosarcoma	14	68	64	43	40	189	229	2.9	45.2	2.5	36.5	4.8	5.8	4.5	3.0	2.9	4.5	4.2	66	80	100.0	0.0
b. Fibrosarcoma	13	8	8	22	32	51	83	0.8	12.2	0.9	13.2	4.5	0.7	0.6	1.6	2.3	1.2	1.4	18	29	100.0	0.0
c. Kaposi sarcoma	1	0	0	1	2	2	4	0.0	0.5	0.0	0.6	0.3	-	-	0.1	0.1	0.0	0.1	1	1	100.0	0.0
d. Other specified	14	19	39	69	121	141	262	2.2	33.7	2.8	41.7	4.8	1.6	2.8	4.9	8.7	3.2	4.4	50	93	100.0	0.0
e. Unspecified	5	5	5	20	15	35	50	0.5	8.4	0.5	8.0	1.7	0.4	0.4	1.4	1.1	0.8	0.9	12	18	98.0	0.0
X GERM CELL TUMOURS	66	47	45	134	473	292	765	4.5	100.0	8.2	100.0	22.6	4.0	3.2	9.5	34.2	6.8	12.9	102	273	98.7	0.1
a. CNS germ cell	6	3	19	53	40	81	121	1.2	27.7	1.3	15.8	2.1	0.3	1.3	3.7	2.9	1.8	2.0	29	43	95.0	0.0
b. Other extragonadal	39	16	3	6	29	64	93	1.0	21.9	1.0	12.2	13.4	1.4	0.2	0.4	2.1	1.7	1.8	22	33	97.8	1.1
c. Gonadal germ cell	20	28	21	68	373	137	510	2.1	46.9	5.5	66.7	6.9	2.4	1.5	4.8	26.9	3.2	8.5	48	183	99.8	0.0
d. Gonadal carcinoma	0	0	0	4	27	4	31	0.1	1.4	0.3	4.1	-	-	-	0.3	2.0	0.1	0.5	1	11	100.0	0.0
e. Unspecified gonadal	1	0	2	3	4	6	10	0.1	2.1	0.1	1.3	0.3	-	0.1	0.2	0.3	0.1	0.2	2	4	90.0	0.0
XI CARCINOMA & MELANOMA	2	13	45	156	497	216	713	3.3	100.0	7.6	100.0	0.7	1.1	3.2	11.0	35.9	4.6	11.7	76	256	99.4	0.1
a. Adrenocortical	0	3	1	3	1	7	8	0.1	3.2	0.1	1.1	-	0.3	0.1	0.2	0.1	0.2	0.1	2	3	100.0	0.0
b. Thyroid	0	0	19	65	231	84	315	1.3	38.9	3.4	44.2	-	-	1.3	4.6	16.7	1.8	5.1	30	113	99.7	0.3
c. Nasopharyngeal	0	0	0	12	18	12	30	0.2	5.6	0.3	4.2	-	-	-	0.8	1.3	0.2	0.5	4	11	100.0	0.0
d. Melanoma	1	8	17	23	113	49	162	0.7	22.7	1.7	22.7	0.3	0.7	1.2	1.6	8.2	1.1	2.7	17	58	98.8	0.0
e. Skin carcinoma	0	0	0	4	4	4	8	0.1	1.9	0.1	1.1	-	-	-	0.3	0.3	0.1	0.1	1	3	100.0	0.0
f. Other & unspecified	1	2	8	49	130	60	190	0.9	27.8	2.0	26.6	0.3	0.2	0.6	3.5	9.4	1.3	3.1	21	68	99.5	0.0
XII OTHER & UNSPECIFIED	2	5	4	6	15	17	32	0.3	100.0	0.3	100.0	0.7	0.4	0.3	0.4	1.1	0.4	0.6	6	11	90.6	3.1
a. Other specified	2	3	2	4	8	11	19	0.2	64.7	0.2	59.4	0.7	0.3	0.1	0.3	0.6	0.3	0.3	4	7	100.0	0.0
b. Other unspecified	0	2	2	2	7	6	13	0.1	35.3	0.1	40.6	-	0.2	0.1	0.1	0.5	0.1	0.2	2	5	76.9	7.7
TOTAL	656	2369	1675	1845	2788	6545	9333	100.0	100.0	100.0	100.0	224.9	203.6	118.7	130.3	201.4	156.6	166.7	2284	3291	97.6	0.1

Please consult the quality indicators for this registry

USA, California, Los Angeles (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		
I LEUKAEMIA	76	613	363	320	329	1372	1701	64.9	60.7	1.2	1.3	70	493	308	235	200	1106	1306	54.9	49.3		
a. Lymphoid	34	533	311	226	227	1104	1331	52.5	47.8	1.2	1.3	31	425	258	175	102	889	991	44.2	37.7		
b. Acute myeloid	31	63	39	73	69	206	275	9.6	9.6	1.2	1.1	29	57	42	45	69	173	242	8.5	8.9		
c. CMD	4	4	6	16	24	30	54	1.3	1.8	1.7	1.4	5	1	3	9	20	18	38	0.8	1.3		
d. MDS & other	4	5	0	2	2	11	13	0.5	0.5	0.8	0.7	2	6	3	3	5	14	19	0.7	0.7		
e. Unspecified	3	8	7	3	7	21	28	1.0	1.0	1.8	1.8	3	4	2	3	4	12	16	0.6	0.6		
II LYMPHOMA & RELATED	16	75	139	215	314	445	759	19.6	25.1	1.9	1.5	14	43	55	124	258	236	494	10.9	17.1		
a. Hodgkin	0	12	51	101	176	164	340	7.0	10.9	1.7	1.2	0	4	23	69	179	96	275	4.2	9.2		
b. Non-Hodgkin except BL	4	26	52	73	114	155	269	6.8	8.9	1.9	1.8	3	18	19	42	68	82	150	3.8	5.2		
c. Burkitt (BL)	1	19	24	32	18	76	94	3.4	3.2	3.8	3.8	0	6	5	9	5	20	25	0.9	0.9		
d. Lymphoreticular	11	16	9	5	2	41	43	2.0	1.6	1.2	1.2	11	13	7	2	3	33	36	1.7	1.4		
e. Unspecified	0	2	3	4	4	9	13	0.4	0.4	1.8	1.6	0	2	1	2	3	5	8	0.2	0.3		
III CNS NEOPLASMS	39	223	215	155	148	632	780	29.5	27.5	1.2	1.2	42	165	198	139	99	544	643	26.4	23.8		
a. Ependymoma	8	33	20	6	20	67	87	3.3	3.2	1.5	1.7	6	18	15	5	8	44	52	2.2	2.0		
b. Astrocytoma	13	82	89	84	82	268	350	12.3	12.1	1.1	1.2	14	70	90	76	53	250	303	12.0	11.1		
c. CNS embryonal	13	80	62	36	23	191	214	9.1	7.7	1.3	1.3	17	51	50	25	17	143	160	7.1	6.1		
d. Other gliomas	2	20	39	26	19	87	106	3.9	3.6	0.9	0.9	4	20	41	28	19	93	112	4.4	4.0		
e. Other specified	3	5	4	2	4	14	18	0.7	0.6	1.3	1.5	0	5	2	4	1	11	12	0.5	0.4		
f. Unspecified CNS	0	3	1	1	0	5	5	0.2	0.2	1.7	1.3	1	1	0	1	1	3	4	0.2	0.2		
IV NEUROBLASTOMA	59	90	26	7	5	182	187	9.2	7.3	1.2	1.2	42	81	18	17	3	158	161	8.3	6.5		
a. (Ganglio)neuroblastoma	59	90	24	7	0	180	180	9.1	7.1	1.2	1.2	42	81	16	11	1	150	151	7.9	6.2		
b. Peripheral nervous	0	0	2	0	5	2	7	0.1	0.2	0.3	0.7	0	0	2	6	2	8	10	0.3	0.3		
V RETINOBLASTOMA	44	80	3	0	0	127	127	6.6	5.1	1.2	1.2	41	61	4	0	0	106	106	5.7	4.5		
VI RENAL TUMOURS	25	78	24	3	8	130	138	6.5	5.3	0.7	0.7	26	117	43	8	9	194	203	10.1	8.2		
a. Nephroblastoma	25	78	24	1	1	128	129	6.5	5.0	0.7	0.7	25	117	42	6	2	190	192	10.0	7.8		
b. Renal carcinoma	0	0	0	2	7	2	9	0.1	0.3	0.5	0.8	1	0	1	2	7	4	11	0.2	0.4		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	19	43	4	10	10	76	86	3.8	3.3	1.4	1.4	23	23	2	6	9	54	63	2.9	2.5		
a. Hepatoblastoma	19	42	2	5	1	68	69	3.5	2.7	1.4	1.4	22	22	1	3	0	48	48	2.6	2.0		
b. Hepatic carcinoma	0	1	2	5	9	8	17	0.3	0.5	1.3	1.1	1	1	1	3	9	6	15	0.3	0.5		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	1	13	32	80	126	126	252	5.4	8.1	1.1	1.3	2	6	31	75	75	114	189	5.0	6.4		
a. Osteosarcoma	0	2	20	46	81	68	149	2.8	4.8	0.8	1.1	0	2	24	56	51	82	133	3.6	4.5		
b. Chondrosarcoma	0	0	1	8	6	9	15	0.4	0.5	9.0	7.5	0	0	0	1	1	1	2	0.0	0.1		
c. Ewing & related	0	10	8	24	33	42	75	1.8	2.5	1.7	1.9	0	3	5	17	15	25	40	1.1	1.4		
d. Other specified	1	1	2	2	6	6	12	0.3	0.4	1.0	0.9	2	1	2	1	8	6	14	0.3	0.5		
e. Unspecified	0	0	1	0	0	1	1	0.0	0.0	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	23	57	71	86	115	237	352	10.8	12.0	1.3	1.3	24	43	45	69	95	181	276	8.6	9.9		
a. Rhabdomyosarcoma	8	42	38	23	29	111	140	5.2	5.0	1.4	1.6	6	26	26	20	11	78	89	3.8	3.3		
b. Fibrosarcoma	6	4	5	10	17	25	42	1.1	1.4	1.0	1.0	7	4	3	12	15	26	41	1.2	1.5		
c. Kaposi sarcoma	1	0	0	1	2	2	4	0.1	0.1	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	6	8	26	40	57	80	137	3.5	4.5	1.3	1.1	8	11	13	29	64	61	125	2.9	4.4		
e. Unspecified	2	3	2	12	10	19	29	0.8	1.0	1.2	1.4	3	2	3	8	5	16	21	0.7	0.7		
X GERM CELL TUMOURS	39	29	12	62	337	142	479	6.6	15.7	0.9	1.7	27	18	33	72	136	150	286	7.0	10.0		
a. CNS germ cell	2	2	10	42	32	56	88	2.3	2.8	2.2	2.7	4	1	9	11	8	25	33	1.2	1.2		
b. Other extragonadal	17	4	1	5	22	27	49	1.3	1.7	0.7	1.1	22	12	2	1	7	37	44	2.0	1.8		
c. Gonadal germ cell	20	23	1	15	281	59	340	2.9	11.1	0.8	2.0	0	5	20	53	92	78	170	3.4	5.7		
d. Gonadal carcinoma	0	0	0	0	1	0	1	-	0.0	0.0	0.0	0	0	0	4	26	4	30	0.2	1.0		
e. Unspecified gonadal	0	0	0	0	1	0	1	-	0.0	0.0	0.1	1	0	2	3	3	6	9	0.3	0.3		
XI CARCINOMA & MELANOMA	1	6	14	54	165	75	240	3.2	7.7	0.5	0.5	1	7	31	102	332	141	473	6.2	15.9		
a. Adrenocortical	0	2	1	0	0	3	3	0.1	0.1	0.8	0.6	0	1	0	3	1	4	5	0.2	0.2		
b. Thyroid	0	0	2	10	45	12	57	0.5	1.8	0.2	0.2	0	0	17	55	186	72	258	3.1	8.6		
c. Nasopharyngeal	0	0	0	11	13	11	24	0.4	0.8	11.0	4.0	0	0	0	1	5	1	6	0.0	0.2		
d. Melanoma	0	4	8	12	55	24	79	1.0	2.5	1.0	1.0	1	4	9	11	58	25	83	1.2	2.8		
e. Skin carcinoma	0	0	0	3	2	3	5	0.1	0.2	3.0	1.7	0	0	0	1	2	1	3	0.0	0.1		
f. Other & unspecified	1	0	3	18	50	22	72	0.9	2.3	0.6	0.6	0	2	5	31	80	38	118	1.6	4.0		
XII OTHER & UNSPECIFIED	1	2	3	1	6	7	13	0.3	0.4	0.7	0.7	1	3	1	5	9	10	19	0.5	0.7		
a. Other specified	1	1	2	1	3	5	8	0.2	0.3	0.8	0.7	1	2	0	3	5	6	11	0.3	0.4		
b. Other unspecified	0	1	1	0	3	2	5	0.1	0.2	0.5	0.6	0	1	1	2	4	4	8	0.2	0.3		
TOTAL	343	1309	906	993	1563	3551	5114	166.2	178.2	1.2	1.2	313	1060	769	852	1225	2994	4219	146.5	154.6		

Please consult the quality indicators for this registry

USA, California, Los Angeles (1993-2012)

	Age group	Males	Females
Person-years	0	1 494 437	1 422 066
	1-4	5 951 234	5 684 227
	5-9	7 211 669	6 896 269
	10-14	7 236 889	6 925 503
	15-19	7 128 336	6 713 362
Total	0-14	21 894 229	20 928 065
	0-19	29 022 565	27 641 427
Average annual population	0-14	1 094 711	1 046 403
	0-19	1 451 128	1 382 071

Please consult the quality indicators for this registry