

Table 10. Childhood (0-19 Years Old) Cancer: Five-Year Incidence, Percent Distribution, Median Age at Diagnosis, Percent Microscopically Confirmed, and Incidence and Average Annual Age-Adjusted (1970 US Population) Rates per 100,000 Population for Microscopically Confirmed Cases by Diagnostic Group, Sex, and Race/Ethnicity, California, 1990-1994

Diagnostic Group--International Classification of Childhood Cancer (ICCC) ¹	New Cases 1990-94				Microscopically Confirmed					
	Total	Percent	Median Age	MC (%)	New Cases 1990-94			Annual Rate		
					Total	Male	Female	Total	Male	Female
	All Races									
All Sites Combined	7,294	100.0	8.0	97.0	7,075	3,867	3,208	15.02	15.86	14.13
Leukemia	2,163	29.7	5.0	99.1	2,144	1,224	920	4.34	4.84	3.81
Lymphoid leukemia	1,650	22.6	4.0	99.2	1,637	948	689	3.26	3.68	2.81
Acute non-lymphocytic leukemia	388	5.3	9.0	99.5	386	204	182	0.82	0.86	0.79
Chronic myeloid leukemia	62	0.9	10.5	100.0	62	39	23	0.14	0.17	0.11
Other specified leukemias	9	0.1	5.0	100.0	9	6	3	0.02	0.02	0.01
Unspecified leukemias	54	0.7	6.0	92.6	50	27	23	0.10	0.11	0.09
Lymphomas & Other Reticuloendothelial Neoplasms	951	13.0	14.0	99.3	944	567	377	2.20	2.54	1.84
Hodgkin's disease	496	6.8	16.0	99.8	495	271	224	1.19	1.26	1.13
Non-Hodgkin's lymphoma	328	4.5	12.0	100.0	328	210	118	0.75	0.93	0.56
Burkitt's lymphoma	86	1.2	6.5	98.8	85	64	21	0.18	0.27	0.09
Other reticuloendothelial neoplasms	13	0.2	6.0	92.3	12	9	3	0.02	0.03	0.01
Unspecified lymphomas	28	0.4	12.5	85.7	24	13	11	0.05	0.06	0.05
CNS and Miscellaneous Intracranial & Intraspinal Neoplasms	1,224	16.8	6.0	89.8	1,099	611	488	2.29	2.47	2.11
Ependymoma	109	1.5	3.0	99.1	108	59	49	0.21	0.22	0.20
Astrocytoma	556	7.6	7.0	96.4	536	280	256	1.14	1.17	1.11
Primitive neuroectodermal tumors	347	4.8	5.0	98.8	343	212	131	0.70	0.83	0.56
Other gliomas	181	2.5	7.0	45.9	83	47	36	0.18	0.20	0.16
Miscellaneous intracranial and intraspinal neoplasms	20	0.3	5.0	100.0	20	8	12	0.04	0.03	0.05
Unspecified intracranial and intraspinal neoplasms	11	0.2	3.0	81.8	9	5	4	0.02	0.02	0.02
Sympathetic Nervous System Tumors	381	5.2	1.0	98.2	374	206	168	0.65	0.69	0.60
Neuroblastoma and ganglioneuroblastoma	365	5.0	1.0	98.1	358	198	160	0.61	0.66	0.57
Other sympathetic nervous system tumors	16	0.2	12.0	100.0	16	8	8	0.04	0.03	0.04
Retinoblastoma	188	2.6	1.0	85.6	161	90	71	0.27	0.29	0.24
Renal Tumors	290	4.0	3.0	98.3	285	136	149	0.52	0.48	0.57
Wilms' tumor, rhabdoid, and clear cell sarcoma	278	3.8	3.0	98.2	273	131	142	0.49	0.45	0.53
Renal carcinoma	12	0.2	16.5	100.0	12	5	7	0.03	0.02	0.04
Unspecified malignant renal tumors	0	-	-	-	-	-	-	0.00	0.00	0.00

(Table Continues)

Source: California Cancer Registry Childhood Cancer Analysis File (April 1996 and April 1997, revised).

Note: - = No cases; MC(%) = Percent of cases microscopically confirmed; CNS = central nervous system.

Race/ethnicity categories are mutually exclusive. Persons of Hispanic origin may be of any race.

¹Excludes in situ cancers. See Appendix B for ICD-0-2 morphology and topography codes within each ICCC category.

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Diagnostic Group--International Classification of Childhood Cancer (ICCC) ¹	New Cases 1990-94				Microscopically Confirmed					
	Total	Percent	Median Age	MC (%)	New Cases 1990-94			Annual Rate		
					Total	Male	Female	Total	Male	Female
	All Races									
Hepatic Tumors	88	1.2	1.5	98.9	87	50	37	0.16	0.18	0.14
Hepatoblastoma	64	0.9	1.0	100.0	64	34	30	0.11	0.11	0.10
Hepatic carcinoma	24	0.3	16.0	95.8	23	16	7	0.05	0.07	0.03
Unspecified malignant hepatic tumors	0	-	-	-	-	-	-	0.00	0.00	0.00
Malignant Bone Tumors	378	5.2	14.0	99.7	377	216	161	0.91	1.01	0.80
Osteosarcoma	228	3.1	14.0	99.6	227	125	102	0.55	0.59	0.51
Chondrosarcoma	13	0.2	19.0	100.0	13	6	7	0.03	0.03	0.03
Ewing's sarcoma	116	1.6	13.0	100.0	116	73	43	0.28	0.34	0.21
Other specified malignant bone tumors	18	0.2	11.5	100.0	18	10	8	0.04	0.04	0.04
Unspecified malignant bone tumors	3	0.0	15.0	100.0	3	2	1	0.01	0.01	0.01
Soft-Tissue Sarcomas	468	6.4	11.0	99.4	465	264	201	1.03	1.13	0.93
Rhabdomyosarcoma and embryonal sarcoma	189	2.6	6.0	98.4	186	112	74	0.39	0.46	0.32
Fibrosarcoma, neurofibrosarcoma, and others	119	1.6	13.0	100.0	119	66	53	0.27	0.29	0.26
Kaposi's sarcoma	6	0.1	17.0	100.0	6	4	2	0.01	0.02	0.01
Other specified soft-tissue sarcomas	111	1.5	13.0	100.0	111	55	56	0.26	0.25	0.27
Unspecified soft-tissue sarcomas	43	0.6	15.0	100.0	43	27	16	0.10	0.12	0.07
Germ-Cell, Trophoblastic, & Other Gonadal Neoplasms	544	7.5	15.0	97.4	530	268	262	1.21	1.17	1.25
Intracranial & intraspinal germ-cell tumors	78	1.1	12.0	91.0	71	49	22	0.17	0.23	0.10
Other and unspecified non-gonadal germ-cell tumors	85	1.2	1.0	92.9	79	34	45	0.15	0.14	0.17
Gonadal germ-cell tumors	313	4.3	17.0	100.0	313	182	131	0.73	0.80	0.65
Gonadal carcinomas	60	0.8	17.0	100.0	60	2	58	0.15	0.01	0.29
Other and unspecified malignant gonadal tumors	8	0.1	13.5	87.5	7	1	6	0.02	0.00	0.03
Carcinomas and Other Malignant Epithelial Neoplasms	563	7.7	17.0	98.6	555	207	348	1.34	0.96	1.75
Adrenocortical carcinoma	7	0.1	14.0	100.0	7	1	6	0.02	0.00	0.03
Thyroid carcinoma	208	2.9	17.0	100.0	208	41	167	0.50	0.19	0.84
Nasopharyngeal carcinoma	29	0.4	15.0	100.0	29	18	11	0.07	0.09	0.06
Malignant melanoma	167	2.3	17.0	97.0	162	72	90	0.39	0.33	0.45
Skin carcinoma	4	0.1	12.5	100.0	4	0	4	0.01	0.00	0.02
Other and unspecified carcinomas	148	2.0	17.0	98.0	145	75	70	0.35	0.35	0.35
Other and Unspecified Malignant Neoplasms	25	0.3	11.0	96.0	24	13	11	0.05	0.05	0.05
Other specified malignant tumors	10	0.1	16.5	100.0	10	5	5	0.02	0.02	0.03
Other unspecified malignant tumors	15	0.2	10.0	93.3	14	8	6	0.03	0.03	0.03
Letterer-Siwe Disease ²	31	0.4	1.0	96.8	30	15	15	0.05	0.05	0.05

(Table Continues)

Source: California Cancer Registry Childhood Cancer Analysis File (April 1996 and April 1997, revised).

Note: - = No cases; MC(%) = Percent of cases microscopically confirmed; CNS = central nervous system.

Race/ethnicity categories are mutually exclusive. Persons of Hispanic origin may be of any race.

¹Excludes *in situ* cancers. See Appendix B for ICD-0-2 morphology and topography codes within each ICCC category.

²Diagnostic group not included in standard ICCC classification.

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Diagnostic Group--International Classification of Childhood Cancer (ICCC) ¹	New Cases 1990-94				Microscopically Confirmed					
	Total	Percent	Median Age	MC (%)	New Cases 1990-94			Annual Rate		
					Total	Male	Female	Total	Male	Female
	Asian/Other									
All Sites Combined	667	100.0	8.0	97.0	647	337	310	12.57	12.71	12.42
Leukemia	230	34.5	4.0	98.3	226	120	106	4.21	4.39	4.02
Lymphoid leukemia	148	22.2	4.0	97.3	144	70	74	2.63	2.49	2.78
Acute non-lymphocytic leukemia	57	8.5	9.0	100.0	57	33	24	1.10	1.25	0.93
Chronic myeloid leukemia	12	1.8	8.0	100.0	12	7	5	0.23	0.26	0.20
Other specified leukemias	0	-	-	-	0	0	0	0.00	0.00	0.00
Unspecified leukemias	13	1.9	7.0	100.0	13	10	3	0.25	0.38	0.11
Lymphomas & Other Reticuloendothelial Neoplasms	74	11.1	14.0	100.0	74	46	28	1.52	1.83	1.19
Hodgkin's disease	17	2.5	16.0	100.0	17	7	10	0.36	0.29	0.43
Non-Hodgkin's lymphoma	42	6.3	14.5	100.0	42	29	13	0.86	1.15	0.56
Burkitt's lymphoma	10	1.5	7.5	100.0	10	8	2	0.20	0.32	0.08
Other reticuloendothelial neoplasms	1	0.1	19.0	100.0	1	1	0	0.02	0.04	0.00
Unspecified lymphomas	4	0.6	9.5	100.0	4	1	3	0.07	0.03	0.12
CNS and Miscellaneous Intracranial & Intraspinal Neoplasms	96	14.4	7.0	88.5	85	52	33	1.68	2.02	1.33
Ependymoma	17	2.5	5.0	94.1	16	9	7	0.30	0.34	0.27
Astrocytoma	36	5.4	8.0	91.7	33	19	14	0.66	0.75	0.56
Primitive neuroectodermal tumors	25	3.7	6.0	100.0	25	16	9	0.50	0.62	0.38
Other gliomas	13	1.9	10.0	46.2	6	5	1	0.12	0.19	0.04
Miscellaneous intracranial and intraspinal neoplasms	4	0.6	9.5	100.0	4	3	1	0.08	0.12	0.05
Unspecified intracranial and intraspinal neoplasms	1	0.1	3.0	100.0	1	0	1	0.02	0.00	0.03
Sympathetic Nervous System Tumors	30	4.5	2.0	100.0	30	14	16	0.53	0.48	0.57
Neuroblastoma and ganglioneuroblastoma	27	4.0	2.0	100.0	27	13	14	0.46	0.44	0.48
Other sympathetic nervous system tumors	3	0.4	12.0	100.0	3	1	2	0.07	0.04	0.09
Retinoblastoma	14	2.1	1.0	85.7	12	5	7	0.20	0.16	0.23
Renal Tumors	12	1.8	2.5	91.7	11	5	6	0.20	0.17	0.24
Wilms' tumor, rhabdoid, and clear cell sarcoma	12	1.8	2.5	91.7	11	5	6	0.20	0.17	0.24
Renal carcinoma	0	-	-	-	0	0	0	0.00	0.00	0.00
Unspecified malignant renal tumors	0	-	-	-	-	-	-	0.00	0.00	0.00

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Diagnostic Group--International Classification of Childhood Cancer (ICCC) ¹	New Cases 1990-94				Microscopically Confirmed					
	Total	Percent	Median Age	MC (%)	New Cases 1990-94			Annual Rate		
					Total	Male	Female	Total	Male	Female
					Asian/Other					
Hepatic Tumors	10	1.5	9.0	90.0	9	8	1	0.17	0.29	0.04
Hepatoblastoma	4	0.6	0.5	100.0	4	4	0	0.07	0.13	0.00
Hepatic carcinoma	6	0.9	16.0	83.3	5	4	1	0.11	0.16	0.04
Unspecified malignant hepatic tumors	0	-	-	-	-	-	-	0.00	0.00	0.00
Malignant Bone Tumors	28	4.2	14.0	100.0	28	14	14	0.59	0.58	0.61
Osteosarcoma	20	3.0	13.5	100.0	20	9	11	0.43	0.38	0.48
Chondrosarcoma	2	0.3	15.5	100.0	2	0	2	0.04	0.00	0.09
Ewing's sarcoma	3	0.4	15.0	100.0	3	3	0	0.06	0.12	0.00
Other specified malignant bone tumors	3	0.4	14.0	100.0	3	2	1	0.06	0.08	0.04
Unspecified malignant bone tumors	0	-	-	-	0	0	0	0.00	0.00	0.00
Soft-Tissue Sarcomas	51	7.6	12.0	100.0	51	26	25	1.02	0.98	1.05
Rhabdomyosarcoma and embryonal sarcoma	17	2.5	5.0	100.0	17	9	8	0.32	0.32	0.32
Fibrosarcoma, neurofibrosarcoma, and others	14	2.1	12.0	100.0	14	9	5	0.29	0.35	0.23
Kaposi's sarcoma	0	-	-	-	0	0	0	0.00	0.00	0.00
Other specified soft-tissue sarcomas	13	1.9	13.0	100.0	13	5	8	0.26	0.20	0.33
Unspecified soft-tissue sarcomas	7	1.0	14.0	100.0	7	3	4	0.14	0.12	0.17
Germ-Cell, Trophoblastic, & Other Gonadal Neoplasms	68	10.2	14.0	98.5	67	26	41	1.35	0.99	1.73
Intracranial & intraspinal germ-cell tumors	14	2.1	15.0	92.9	13	9	4	0.27	0.37	0.17
Other and unspecified non-gonadal germ-cell tumors	11	1.6	0.0	100.0	11	3	8	0.20	0.11	0.29
Gonadal germ-cell tumors	38	5.7	14.0	100.0	38	14	24	0.77	0.51	1.05
Gonadal carcinomas	5	0.7	17.0	100.0	5	0	5	0.11	0.00	0.22
Other and unspecified malignant gonadal tumors	0	-	-	-	0	0	0	0.00	0.00	0.00
Carcinomas and Other Malignant Epithelial Neoplasms	49	7.3	17.0	100.0	49	19	30	1.02	0.75	1.29
Adrenocortical carcinoma	0	-	-	-	0	0	0	0.00	0.00	0.00
Thyroid carcinoma	23	3.4	17.0	100.0	23	2	21	0.48	0.08	0.91
Nasopharyngeal carcinoma	3	0.4	15.0	100.0	3	2	1	0.06	0.08	0.05
Malignant melanoma	2	0.3	18.0	100.0	2	2	0	0.04	0.08	0.00
Skin carcinoma	0	-	-	-	0	0	0	0.00	0.00	0.00
Other and unspecified carcinomas	21	3.1	17.0	100.0	21	13	8	0.43	0.52	0.34
Other and Unspecified Malignant Neoplasms	1	0.1	1.0	100.0	1	0	1	0.02	0.00	0.03
Other specified malignant tumors	0	-	-	-	0	0	0	0.00	0.00	0.00
Other unspecified malignant tumors	1	0.1	1.0	100.0	1	0	1	0.02	0.00	0.03
Letterer-Siwe Disease ²	4	0.6	1.0	100.0	4	2	2	0.07	0.06	0.08

(Table Continues)

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	Total	Percent	Median Age	MC (%)	New Cases 1990-94			Annual Rate			
					Total	Male	Female	Total	Male	Female	
	Black										
All Sites Combined	494	100.0	8.0	95.7	473	244	229	12.63	12.68	12.62	
Leukemia	102	20.6	7.5	100.0	102	53	49	2.75	2.74	2.75	
Lymphoid leukemia	63	12.8	6.0	100.0	63	33	30	1.63	1.66	1.60	
Acute non-lymphocytic leukemia	33	6.7	11.0	100.0	33	14	19	0.94	0.73	1.16	
Chronic myeloid leukemia	4	0.8	12.5	100.0	4	4	0	0.12	0.24	0.00	
Other specified leukemias	1	0.2	9.0	100.0	1	1	0	0.03	0.06	0.00	
Unspecified leukemias	1	0.2	8.0	100.0	1	1	0	0.03	0.06	0.00	
Lymphomas & Other Reticuloendothelial Neoplasms	62	12.6	13.0	98.4	61	32	29	1.78	1.85	1.71	
Hodgkin's disease	35	7.1	14.0	100.0	35	16	19	1.05	0.94	1.17	
Non-Hodgkin's lymphoma	23	4.7	12.0	100.0	23	13	10	0.64	0.73	0.55	
Burkitt's lymphoma	1	0.2	18.0	100.0	1	1	0	0.03	0.06	0.00	
Other reticuloendothelial neoplasms	0	-	-	-	0	0	0	0.00	0.00	0.00	
Unspecified lymphomas	3	0.6	18.0	66.7	2	2	0	0.06	0.12	0.00	
CNS and Miscellaneous Intracranial & Intraspinal Neoplasms	100	20.2	5.5	87.0	87	42	45	2.22	2.12	2.33	
Ependymoma	6	1.2	7.5	100.0	6	4	2	0.16	0.20	0.11	
Astrocytoma	50	10.1	5.0	94.0	47	25	22	1.19	1.28	1.10	
Primitive neuroectodermal tumors	25	5.1	6.0	100.0	25	11	14	0.64	0.54	0.74	
Other gliomas	16	3.2	7.0	37.5	6	2	4	0.16	0.10	0.23	
Miscellaneous intracranial and intraspinal neoplasms	3	0.6	2.0	100.0	3	0	3	0.07	0.00	0.15	
Unspecified intracranial and intraspinal neoplasms	0	-	-	-	0	0	0	0.00	0.00	0.00	
Sympathetic Nervous System Tumors	31	6.3	1.0	96.8	30	19	11	0.66	0.82	0.49	
Neuroblastoma and ganglioneuroblastoma	30	6.1	1.0	96.7	29	19	10	0.64	0.82	0.45	
Other sympathetic nervous system tumors	1	0.2	2.0	100.0	1	0	1	0.02	0.00	0.04	
Retinoblastoma	19	3.8	1.0	84.2	16	5	11	0.33	0.20	0.46	
Renal Tumors	31	6.3	4.0	100.0	31	17	14	0.72	0.74	0.71	
Wilms' tumor, rhabdoid, and clear cell sarcoma	26	5.3	3.0	100.0	26	16	10	0.57	0.68	0.45	
Renal carcinoma	5	1.0	16.0	100.0	5	1	4	0.15	0.06	0.25	
Unspecified malignant renal tumors	0	-	-	-	-	-	-	0.00	0.00	0.00	

(Table Continues)

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	Black									
Hepatic Tumors	3	0.6	2.0	100.0	3	2	1	0.07	0.10	0.04
Hepatoblastoma	3	0.6	2.0	100.0	3	2	1	0.07	0.10	0.04
Hepatic carcinoma	0	-	-	-	0	0	0	0.00	0.00	0.00
Unspecified malignant hepatic tumors	0	-	-	-	-	-	-	0.00	0.00	0.00
Malignant Bone Tumors	20	4.0	13.0	100.0	20	9	11	0.60	0.53	0.66
Osteosarcoma	13	2.6	13.0	100.0	13	6	7	0.39	0.36	0.43
Chondrosarcoma	1	0.2	19.0	100.0	1	1	0	0.03	0.06	0.00
Ewing's sarcoma	4	0.8	11.5	100.0	4	1	3	0.11	0.06	0.17
Other specified malignant bone tumors	2	0.4	13.0	100.0	2	1	1	0.06	0.06	0.06
Unspecified malignant bone tumors	0	-	-	-	0	0	0	0.00	0.00	0.00
Soft-Tissue Sarcomas	49	9.9	13.0	100.0	49	28	21	1.42	1.56	1.29
Rhabdomyosarcoma and embryonal sarcoma	19	3.8	10.0	100.0	19	14	5	0.53	0.75	0.30
Fibrosarcoma, neurofibrosarcoma, and others	19	3.8	13.0	100.0	19	8	11	0.56	0.44	0.69
Kaposi's sarcoma	1	0.2	11.0	100.0	1	0	1	0.03	0.00	0.06
Other specified soft-tissue sarcomas	7	1.4	13.0	100.0	7	4	3	0.21	0.24	0.17
Unspecified soft-tissue sarcomas	3	0.6	17.0	100.0	3	2	1	0.09	0.12	0.06
Germ-Cell, Trophoblastic, & Other Gonadal Neoplasms	37	7.5	11.0	94.6	35	11	24	0.96	0.55	1.41
Intracranial & intraspinal germ-cell tumors	8	1.6	11.0	100.0	8	4	4	0.23	0.23	0.24
Other and unspecified non-gonadal germ-cell tumors	11	2.2	0.0	81.8	9	6	3	0.19	0.26	0.12
Gonadal germ-cell tumors	16	3.2	15.0	100.0	16	1	15	0.48	0.06	0.92
Gonadal carcinomas	2	0.4	16.5	100.0	2	0	2	0.06	0.00	0.13
Other and unspecified malignant gonadal tumors	0	-	-	-	0	0	0	0.00	0.00	0.00
Carcinomas and Other Malignant Epithelial Neoplasms	36	7.3	15.5	97.2	35	24	11	1.04	1.39	0.68
Adrenocortical carcinoma	0	-	-	-	0	0	0	0.00	0.00	0.00
Thyroid carcinoma	7	1.4	17.0	100.0	7	4	3	0.21	0.23	0.19
Nasopharyngeal carcinoma	8	1.6	14.0	100.0	8	8	0	0.24	0.48	0.00
Malignant melanoma	1	0.2	3.0	100.0	1	1	0	0.02	0.04	0.00
Skin carcinoma	0	-	-	-	0	0	0	0.00	0.00	0.00
Other and unspecified carcinomas	20	4.0	16.0	95.0	19	11	8	0.57	0.65	0.49
Other and Unspecified Malignant Neoplasms	1	0.2	9.0	100.0	1	1	0	0.03	0.06	0.00
Other specified malignant tumors	1	0.2	9.0	100.0	1	1	0	0.03	0.06	0.00
Other unspecified malignant tumors	0	-	-	-	0	0	0	0.00	0.00	0.00
Letterer-Siwe Disease ²	3	0.6	0.0	100.0	3	1	2	0.06	0.04	0.08

(Table Continues)

Source: California Cancer Registry Childhood Cancer Analysis File (April 1996 and April 1997, revised).

Note: - = No cases; MC(%) = Percent of cases microscopically confirmed; CNS = central nervous system.

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¹Excludes *in situ* cancers. See Appendix B for ICD-0-2 morphology and topography codes within each ICCC category.

²Diagnostic group not included in standard ICCC classification.

Table 10. Childhood (0-19 Years Old) Cancer: Five-Year Incidence, Percent Distribution, Median Age at Diagnosis, Percent Microscopically Confirmed, and Incidence and Average Annual Age-Adjusted (1970 US Population) Rates per 100,000 Population for Microscopically Confirmed Cases by Diagnostic Group, Sex, and Race/Ethnicity, California, 1990-1994 (Continued)

Diagnostic Group--International Classification of Childhood Cancer (ICCC) ¹	New Cases 1990-94				Microscopically Confirmed					
	Total	Percent	Median Age	MC (%)	New Cases 1990-94			Annual Rate		
					Total	Male	Female	Total	Male	Female
	Hispanic									
All Sites Combined	2,618	100.0	7.0	97.2	2,544	1,433	1,111	14.62	15.81	13.36
Leukemia	910	34.8	5.0	99.3	904	525	379	4.95	5.56	4.30
Lymphoid leukemia	724	27.7	4.5	99.4	720	420	300	3.88	4.36	3.36
Acute non-lymphocytic leukemia	137	5.2	9.0	99.3	136	81	55	0.80	0.94	0.65
Chronic myeloid leukemia	22	0.8	9.5	100.0	22	12	10	0.13	0.13	0.13
Other specified leukemias	5	0.2	5.0	100.0	5	3	2	0.03	0.03	0.03
Unspecified leukemias	22	0.8	3.5	95.5	21	9	12	0.11	0.10	0.13
Lymphomas & Other Reticuloendothelial Neoplasms	315	12.0	13.0	99.4	313	195	118	2.02	2.41	1.62
Hodgkin's disease	167	6.4	14.0	100.0	167	98	69	1.12	1.25	0.98
Non-Hodgkin's lymphoma	102	3.9	12.5	100.0	102	68	34	0.65	0.84	0.45
Burkitt's lymphoma	30	1.1	5.5	100.0	30	20	10	0.17	0.23	0.11
Other reticuloendothelial neoplasms	4	0.2	1.5	100.0	4	4	0	0.02	0.04	0.00
Unspecified lymphomas	12	0.5	14.5	83.3	10	5	5	0.06	0.06	0.07
CNS and Miscellaneous Intracranial & Intraspinal Neoplasms	365	13.9	6.0	88.5	323	193	130	1.82	2.13	1.49
Ependymoma	36	1.4	2.0	100.0	36	22	14	0.19	0.21	0.16
Astrocytoma	140	5.3	8.0	95.7	134	71	63	0.79	0.83	0.75
Primitive neuroectodermal tumors	124	4.7	4.0	98.4	122	81	41	0.66	0.87	0.45
Other gliomas	52	2.0	6.0	38.5	20	13	7	0.12	0.16	0.07
Miscellaneous intracranial and intraspinal neoplasms	8	0.3	2.5	100.0	8	4	4	0.04	0.04	0.05
Unspecified intracranial and intraspinal neoplasms	5	0.2	1.0	60.0	3	2	1	0.01	0.02	0.01
Sympathetic Nervous System Tumors	120	4.6	1.0	98.3	118	64	54	0.51	0.53	0.49
Neuroblastoma and ganglioneuroblastoma	115	4.4	1.0	98.3	113	62	51	0.48	0.51	0.45
Other sympathetic nervous system tumors	5	0.2	12.0	100.0	5	2	3	0.03	0.02	0.04
Retinoblastoma	75	2.9	1.0	88.0	66	41	25	0.27	0.33	0.21
Renal Tumors	109	4.2	2.0	99.1	108	47	61	0.50	0.41	0.59
Wilms' tumor, rhabdoid, and clear cell sarcoma	106	4.0	2.0	99.1	105	46	59	0.47	0.39	0.56
Renal carcinoma	3	0.1	15.0	100.0	3	1	2	0.02	0.01	0.03
Unspecified malignant renal tumors	0	-	-	-	-	-	-	0.00	0.00	0.00

(Table Continues)

Source: California Cancer Registry Childhood Cancer Analysis File (April 1996 and April 1997, revised).

Note: - = No cases; MC(%) = Percent of cases microscopically confirmed; CNS = central nervous system.

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Diagnostic Group--International Classification of Childhood Cancer (ICCC) ¹	New Cases 1990-94				Microscopically Confirmed					
	Total	Percent	Median Age	MC (%)	New Cases 1990-94			Annual Rate		
					Total	Male	Female	Total	Male	Female
	Hispanic									
Hepatic Tumors	30	1.1	1.0	100.0	30	16	14	0.13	0.14	0.12
Hepatoblastoma	26	1.0	1.0	100.0	26	13	13	0.11	0.10	0.11
Hepatic carcinoma	4	0.2	13.5	100.0	4	3	1	0.03	0.04	0.01
Unspecified malignant hepatic tumors	0	-	-	-	-	-	-	0.00	0.00	0.00
Malignant Bone Tumors	140	5.3	14.0	100.0	140	80	60	0.96	1.06	0.85
Osteosarcoma	96	3.7	14.0	100.0	96	54	42	0.67	0.72	0.61
Chondrosarcoma	1	0.0	19.0	100.0	1	0	1	0.01	0.00	0.01
Ewing's sarcoma	37	1.4	12.0	100.0	37	23	14	0.25	0.30	0.19
Other specified malignant bone tumors	6	0.2	9.5	100.0	6	3	3	0.04	0.03	0.04
Unspecified malignant bone tumors	0	-	-	-	0	0	0	0.00	0.00	0.00
Soft-Tissue Sarcomas	182	7.0	11.0	98.9	180	112	68	1.10	1.32	0.87
Rhabdomyosarcoma and embryonal sarcoma	72	2.8	6.0	97.2	70	41	29	0.40	0.46	0.34
Fibrosarcoma, neurofibrosarcoma, and others	41	1.6	12.0	100.0	41	29	12	0.25	0.34	0.16
Kaposi's sarcoma	4	0.2	18.5	100.0	4	3	1	0.03	0.04	0.01
Other specified soft-tissue sarcomas	49	1.9	14.0	100.0	49	29	20	0.32	0.36	0.27
Unspecified soft-tissue sarcomas	16	0.6	17.5	100.0	16	10	6	0.10	0.12	0.08
Germ-Cell, Trophoblastic, & Other Gonadal Neoplasms	211	8.1	15.0	96.7	204	103	101	1.30	1.21	1.40
Intracranial & intraspinal germ-cell tumors	29	1.1	11.0	82.8	24	16	8	0.16	0.20	0.11
Other and unspecified non-gonadal germ-cell tumors	29	1.1	11.0	96.6	28	16	12	0.16	0.19	0.13
Gonadal germ-cell tumors	126	4.8	16.0	100.0	126	69	57	0.81	0.80	0.82
Gonadal carcinomas	24	0.9	18.0	100.0	24	2	22	0.17	0.03	0.32
Other and unspecified malignant gonadal tumors	3	0.1	13.0	66.7	2	0	2	0.01	0.00	0.03
Carcinomas and Other Malignant Epithelial Neoplasms	137	5.2	17.0	98.5	135	44	91	0.93	0.58	1.32
Adrenocortical carcinoma	1	0.0	18.0	100.0	1	0	1	0.01	0.00	0.01
Thyroid carcinoma	69	2.6	17.0	100.0	69	15	54	0.48	0.20	0.78
Nasopharyngeal carcinoma	8	0.3	16.0	100.0	8	1	7	0.06	0.01	0.10
Malignant melanoma	22	0.8	14.0	90.9	20	11	9	0.14	0.15	0.13
Skin carcinoma	1	0.0	17.0	100.0	1	0	1	0.01	0.00	0.01
Other and unspecified carcinomas	36	1.4	17.5	100.0	36	17	19	0.25	0.22	0.27
Other and Unspecified Malignant Neoplasms	10	0.4	16.0	100.0	10	6	4	0.06	0.07	0.06
Other specified malignant tumors	2	0.1	16.5	100.0	2	0	2	0.01	0.00	0.03
Other unspecified malignant tumors	8	0.3	15.0	100.0	8	6	2	0.05	0.07	0.03
Letterer-Siwe Disease ²	14	0.5	1.0	92.9	13	7	6	0.06	0.06	0.05

(Table Continues)

Source: California Cancer Registry Childhood Cancer Analysis File (April 1996 and April 1997, revised).

Note: - = No cases; MC(%) = Percent of cases microscopically confirmed; CNS = central nervous system.

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Diagnostic Group--International Classification of Childhood Cancer (ICCC) ¹	New Cases 1990-94				Microscopically Confirmed					
	Total	Percent	Median Age	MC (%)	New Cases 1990-94			Annual Rate		
					Total	Male	Female	Total	Male	Female
	Non-Hispanic White									
All Sites Combined	3,423	100.0	9.0	97.1	3,323	1,816	1,507	15.97	16.92	14.97
Leukemia	913	26.7	5.0	99.0	904	523	381	4.14	4.70	3.55
Lymphoid leukemia	708	20.7	4.0	99.3	703	422	281	3.18	3.75	2.58
Acute non-lymphocytic leukemia	160	4.7	8.0	99.4	159	76	83	0.76	0.72	0.80
Chronic myeloid leukemia	24	0.7	13.5	100.0	24	16	8	0.12	0.16	0.09
Other specified leukemias	3	0.1	3.0	100.0	3	2	1	0.01	0.02	0.01
Unspecified leukemias	18	0.5	6.5	83.3	15	7	8	0.07	0.06	0.07
Lymphomas & Other Reticuloendothelial Neoplasms	492	14.4	15.0	99.2	488	289	199	2.54	2.91	2.16
Hodgkin's disease	272	7.9	16.0	99.6	271	147	124	1.46	1.53	1.38
Non-Hodgkin's lymphoma	158	4.6	12.0	100.0	158	98	60	0.80	0.96	0.63
Burkitt's lymphoma	45	1.3	7.0	97.8	44	35	9	0.21	0.33	0.09
Other reticuloendothelial neoplasms	8	0.2	12.0	87.5	7	4	3	0.03	0.04	0.03
Unspecified lymphomas	9	0.3	9.0	88.9	8	5	3	0.04	0.05	0.03
CNS and Miscellaneous Intracranial & Intraspinal Neoplasms	641	18.7	6.0	91.0	583	312	271	2.75	2.83	2.67
Ependymoma	50	1.5	3.0	100.0	50	24	26	0.22	0.20	0.24
Astrocytoma	318	9.3	7.0	97.5	310	156	154	1.49	1.45	1.52
Primitive neuroectodermal tumors	169	4.9	5.0	98.8	167	102	65	0.77	0.89	0.64
Other gliomas	96	2.8	7.0	50.0	48	27	21	0.24	0.26	0.21
Miscellaneous intracranial and intraspinal neoplasms	5	0.1	6.0	100.0	5	1	4	0.02	0.01	0.04
Unspecified intracranial and intraspinal neoplasms	3	0.1	11.0	100.0	3	2	1	0.01	0.02	0.01
Sympathetic Nervous System Tumors	196	5.7	1.0	98.0	192	105	87	0.78	0.83	0.74
Neuroblastoma and ganglioneuroblastoma	189	5.5	1.0	97.9	185	100	85	0.75	0.78	0.71
Other sympathetic nervous system tumors	7	0.2	15.0	100.0	7	5	2	0.03	0.05	0.02
Retinoblastoma	76	2.2	1.0	84.2	64	37	27	0.25	0.28	0.22
Renal Tumors	134	3.9	3.0	98.5	132	67	65	0.57	0.56	0.57
Wilms' tumor, rhabdoid, and clear cell sarcoma	131	3.8	3.0	98.5	129	64	65	0.55	0.53	0.57
Renal carcinoma	3	0.1	17.0	100.0	3	3	0	0.02	0.03	0.00
Unspecified malignant renal tumors	0	-	-	-	-	-	-	0.00	0.00	0.00

(Table Continues)

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Diagnostic Group--International Classification of Childhood Cancer (ICCC) ¹	New Cases 1990-94				Microscopically Confirmed					
	Total	Percent	Median Age	MC (%)	New Cases 1990-94			Annual Rate		
					Total	Male	Female	Total	Male	Female
					Non-Hispanic White					
Hepatic Tumors	45	1.3	2.0	100.0	45	24	21	0.19	0.20	0.19
Hepatoblastoma	31	0.9	1.0	100.0	31	15	16	0.12	0.11	0.13
Hepatic carcinoma	14	0.4	15.5	100.0	14	9	5	0.07	0.08	0.06
Unspecified malignant hepatic tumors	0	-	-	-	-	-	-	0.00	0.00	0.00
Malignant Bone Tumors	189	5.5	14.0	99.5	188	112	76	1.00	1.16	0.83
Osteosarcoma	99	2.9	14.0	99.0	98	56	42	0.52	0.58	0.46
Chondrosarcoma	8	0.2	19.0	100.0	8	4	4	0.04	0.04	0.04
Ewing's sarcoma	72	2.1	13.0	100.0	72	46	26	0.38	0.47	0.29
Other specified malignant bone tumors	7	0.2	12.0	100.0	7	4	3	0.03	0.04	0.03
Unspecified malignant bone tumors	3	0.1	15.0	100.0	3	2	1	0.02	0.02	0.01
Soft-Tissue Sarcomas	180	5.3	11.0	99.4	179	96	83	0.88	0.91	0.85
Rhabdomyosarcoma and embryonal sarcoma	81	2.4	6.0	98.8	80	48	32	0.38	0.44	0.31
Fibrosarcoma, neurofibrosarcoma, and others	41	1.2	15.0	100.0	41	20	21	0.21	0.20	0.22
Kaposi's sarcoma	0	-	-	-	0	0	0	0.00	0.00	0.00
Other specified soft-tissue sarcomas	42	1.2	14.0	100.0	42	17	25	0.22	0.17	0.27
Unspecified soft-tissue sarcomas	16	0.5	10.0	100.0	16	11	5	0.08	0.11	0.05
Germ-Cell, Trophoblastic, & Other Gonadal Neoplasms	221	6.5	17.0	98.6	218	125	93	1.12	1.26	0.97
Intracranial & intraspinal germ-cell tumors	27	0.8	12.0	96.3	26	20	6	0.13	0.20	0.06
Other and unspecified non-gonadal germ-cell tumors	32	0.9	1.0	93.8	30	9	21	0.13	0.08	0.18
Gonadal germ-cell tumors	128	3.7	18.0	100.0	128	95	33	0.67	0.97	0.36
Gonadal carcinomas	29	0.8	17.0	100.0	29	0	29	0.16	0.00	0.32
Other and unspecified malignant gonadal tumors	5	0.1	14.0	100.0	5	1	4	0.03	0.01	0.05
Carcinomas and Other Malignant Epithelial Neoplasms	315	9.2	17.0	98.4	310	115	195	1.65	1.18	2.15
Adrenocortical carcinoma	6	0.2	13.0	100.0	6	1	5	0.03	0.01	0.05
Thyroid carcinoma	106	3.1	17.0	100.0	106	20	86	0.57	0.21	0.95
Nasopharyngeal carcinoma	10	0.3	16.0	100.0	10	7	3	0.05	0.07	0.03
Malignant melanoma	121	3.5	17.0	97.5	118	54	64	0.63	0.55	0.70
Skin carcinoma	2	0.1	8.0	100.0	2	0	2	0.01	0.00	0.02
Other and unspecified carcinomas	70	2.0	18.0	97.1	68	33	35	0.36	0.34	0.39
Other and Unspecified Malignant Neoplasms	11	0.3	8.0	90.9	10	6	4	0.05	0.05	0.04
Other specified malignant tumors	6	0.2	12.5	100.0	6	4	2	0.03	0.04	0.02
Other unspecified malignant tumors	5	0.1	5.0	80.0	4	2	2	0.02	0.02	0.02
Letterer-Siwe Disease ²	10	0.3	1.5	100.0	10	5	5	0.04	0.04	0.04

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