

USA, California, San José (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	30	307	165	113	117	615	732	37.7	100.0	31.0	100.0	42.0	107.7	49.9	35.1	36.3	62.9	56.9	898	1079	99.6	0.0
a. Lymphoid	17	264	141	75	78	497	575	30.4	80.8	24.3	78.6	23.8	92.6	42.7	23.3	24.2	51.0	45.0	724	845	99.5	0.0
b. Acute myeloid	11	33	18	32	30	94	124	5.8	15.3	5.2	16.9	15.4	11.6	5.4	9.9	9.3	9.4	9.4	139	185	100.0	0.0
c. CMD	1	1	1	3	5	6	11	0.4	1.0	0.5	1.5	1.4	0.4	0.3	0.9	1.6	0.6	0.8	9	17	100.0	0.0
d. MDS & other	1	7	2	3	2	13	15	0.8	2.1	0.6	2.0	1.4	2.5	0.6	0.9	0.6	1.3	1.2	19	22	100.0	0.0
e. Unspecified	0	2	3	0	2	5	7	0.3	0.8	0.3	1.0	-	0.7	0.9	-	0.6	0.5	0.5	7	10	100.0	0.0
II LYMPHOMA & RELATED	14	36	56	72	154	178	332	10.9	100.0	14.0	100.0	19.6	12.6	16.9	22.4	47.8	17.4	24.2	267	506	99.1	0.0
a. Hodgkin	0	2	19	42	98	63	161	3.9	35.4	6.8	48.5	-	0.7	5.7	13.0	30.4	5.9	11.4	97	249	100.0	0.0
b. Non-Hodgkin except BL	1	18	24	24	44	67	111	4.1	37.6	4.7	33.4	1.4	6.3	7.3	7.5	13.7	6.6	8.2	100	169	100.0	0.0
c. Burkitt (BL)	0	4	10	5	5	19	24	1.2	10.7	1.0	7.2	-	1.4	3.0	1.6	1.6	1.9	1.8	29	36	100.0	0.0
d. Lymphoreticular	13	12	3	0	3	28	31	1.7	15.7	1.3	9.3	18.2	4.2	0.9	-	0.9	3.0	2.5	40	44	96.8	0.0
e. Unspecified	0	0	0	1	4	1	5	0.1	0.6	0.2	1.5	-	-	-	0.3	1.2	0.1	0.3	2	8	60.0	0.0
III CNS NEOPLASMS	24	114	93	71	53	302	355	18.5	100.0	15.0	100.0	33.6	40.0	28.1	22.0	16.5	30.5	27.3	445	527	87.6	0.8
a. Ependymoma	3	16	3	7	7	29	36	1.8	9.6	1.5	10.1	4.2	5.6	0.9	2.2	2.2	3.0	2.8	42	53	97.2	2.8
b. Astrocytoma	10	50	50	33	25	143	168	8.8	47.4	7.1	47.3	14.0	17.5	15.1	10.2	7.8	14.4	12.9	211	250	94.0	0.0
c. CNS embryonal	9	34	20	20	10	83	93	5.1	27.5	3.9	26.2	12.6	11.9	6.1	6.2	3.1	8.4	7.2	122	137	100.0	0.0
d. Other gliomas	1	8	19	8	9	36	45	2.2	11.9	1.9	12.7	1.4	2.8	5.7	2.5	2.8	3.6	3.4	54	68	31.1	0.0
e. Other specified	0	3	1	3	1	7	8	0.4	2.3	0.3	2.3	-	1.1	0.3	0.9	0.3	0.7	0.6	10	12	100.0	0.0
f. Unspecified CNS	1	3	0	0	1	4	5	0.2	1.3	0.2	1.4	1.4	1.1	-	-	0.3	0.4	0.4	6	7	60.0	40.0
IV NEUROBLASTOMA	36	47	13	2	2	98	100	6.0	100.0	4.2	100.0	50.4	16.5	3.9	0.6	0.6	10.5	8.2	139	142	99.0	0.0
a. (Ganglio)neuroblastoma	36	46	13	2	0	97	97	5.9	99.0	4.1	97.0	50.4	16.1	3.9	0.6	-	10.4	8.0	138	138	99.0	0.0
b. Peripheral nervous	0	1	0	0	2	1	3	0.1	1.0	0.1	3.0	-	0.4	-	-	0.6	0.1	0.2	1	5	100.0	0.0
V RETINOBLASTOMA	20	30	2	0	0	52	52	3.2	100.0	2.2	100.0	28.0	10.5	0.6	-	-	5.6	4.4	73	73	80.8	0.0
VI RENAL TUMOURS	6	51	9	0	5	66	71	4.0	100.0	3.0	100.0	8.4	17.9	2.7	-	1.6	7.1	5.8	94	101	97.2	0.0
a. Nephroblastoma	6	51	8	0	3	65	68	4.0	98.5	2.9	95.8	8.4	17.9	2.4	-	0.9	7.0	5.6	92	97	97.1	0.0
b. Renal carcinoma	0	0	1	0	2	1	3	0.1	1.5	0.1	4.2	-	-	0.3	-	0.6	0.1	0.2	2	5	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	9	20	3	2	4	34	38	2.1	100.0	1.6	100.0	12.6	7.0	0.9	0.6	1.2	3.6	3.1	48	55	97.4	0.0
a. Hepatoblastoma	9	20	2	0	0	31	31	1.9	91.2	1.3	81.6	12.6	7.0	0.6	-	-	3.3	2.6	44	44	96.8	0.0
b. Hepatic carcinoma	0	0	1	2	4	3	7	0.2	8.8	0.3	18.4	-	-	0.3	0.6	1.2	0.3	0.5	5	11	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	6	12	42	57	60	117	3.7	100.0	5.0	100.0	-	2.1	3.6	13.0	17.7	5.6	8.3	92	180	98.3	0.0
a. Osteosarcoma	0	0	7	29	34	36	70	2.2	60.0	3.0	59.8	-	-	2.1	9.0	10.6	3.3	4.9	56	108	98.6	0.0
b. Chondrosarcoma	0	0	0	1	2	1	3	0.1	1.7	0.1	2.6	-	-	-	0.3	0.6	0.1	0.2	2	5	100.0	0.0
c. Ewing & related	0	6	5	9	15	20	35	1.2	33.3	1.5	29.9	-	2.1	1.5	2.8	4.7	2.0	2.6	30	53	100.0	0.0
d. Other specified	0	0	0	1	4	1	5	0.1	1.7	0.2	4.3	-	-	-	0.3	1.2	0.1	0.3	2	8	100.0	0.0
e. Unspecified	0	0	0	2	2	2	4	0.1	3.3	0.2	3.4	-	-	-	0.6	0.6	0.2	0.3	3	6	75.0	0.0
IX SOFT TISSUE SARCOMA	11	27	22	23	48	83	131	5.1	100.0	5.5	100.0	15.4	9.5	6.7	7.1	14.9	8.3	9.8	122	197	100.0	0.0
a. Rhabdomyosarcoma	2	21	10	10	7	43	50	2.6	51.8	2.1	38.2	2.8	7.4	3.0	3.1	2.2	4.4	3.9	63	74	100.0	0.0
b. Fibrosarcoma	5	2	1	0	8	8	16	0.5	9.6	0.7	12.2	7.0	0.7	0.3	-	2.5	0.9	1.2	11	24	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	2	4	7	11	27	24	51	1.5	28.9	2.2	38.9	2.8	1.4	2.1	3.4	8.4	2.3	3.7	36	78	100.0	0.0
e. Unspecified	2	0	4	2	6	8	14	0.5	9.6	0.6	10.7	2.8	-	1.2	0.6	1.9	0.8	1.0	12	21	100.0	0.0
X GERM CELL TUMOURS	20	11	19	30	122	80	202	4.9	100.0	8.5	100.0	28.0	3.9	5.7	9.3	37.9	7.9	14.7	119	308	97.5	0.0
a. CNS germ cell	3	0	8	13	15	24	39	1.5	30.0	1.7	19.3	4.2	-	2.4	4.0	4.7	2.3	2.8	36	60	89.7	0.0
b. Other extragonadal	14	5	1	1	11	21	32	1.3	26.3	1.4	15.8	19.6	1.8	0.3	0.3	3.4	2.3	2.5	30	47	96.9	0.0
c. Gonadal germ cell	2	6	10	13	89	31	120	1.9	38.8	5.1	59.4	2.8	2.1	3.0	4.0	27.6	3.0	8.6	47	185	100.0	0.0
d. Gonadal carcinoma	0	0	0	2	6	2	8	0.1	2.5	0.3	4.0	-	-	-	0.6	1.9	0.2	0.6	3	12	100.0	0.0
e. Unspecified gonadal	1	0	0	1	1	2	3	0.1	2.5	0.1	1.5	1.4	-	-	0.3	0.3	0.2	0.2	3	5	100.0	0.0
XI CARCINOMA & MELANOMA	1	3	11	45	167	60	227	3.7	100.0	9.6	100.0	1.4	1.1	3.3	14.0	51.8	5.6	16.0	92	351	98.7	0.0
a. Adrenocortical	0	0	0	2	1	2	3	0.1	3.3	0.1	1.3	-	-	-	0.6	0.3	0.2	0.2	3	5	66.7	0.0
b. Thyroid	0	0	6	13	75	19	94	1.2	31.7	4.0	41.4	-	-	1.8	4.0	23.3	1.8	6.6	29	146	100.0	0.0
c. Nasopharyngeal	0	0	0	4	4	4	8	0.2	6.7	0.3	3.5	-	-	-	1.2	1.2	0.4	0.6	6	12	100.0	0.0
d. Melanoma	0	3	2	10	51	15	66	0.9	25.0	2.8	29.1	-	1.1	0.6	3.1	15.8	1.4	4.7	23	102	97.0	0.0
e. Skin carcinoma	1	0	0	0	0	1	1	0.1	1.7	0.0	0.4	1.4	-	-	-	-	0.1	0.1	1	1	100.0	0.0
f. Other & unspecified	0	0	3	16	36	19	55	1.2	31.7	2.3	24.2	-	-	0.9	5.0	11.2	1.7	3.9	29	85	100.0	0.0
XII OTHER & UNSPECIFIED	1	2	1	1	1	5	6	0.3	100.0	0.3	100.0	1.4	0.7	0.3	0.3	0.3	0.5	0.5	7	9	83.3	0.0
a. Other specified	0	1	0	0	0	1	1	0.1	20.0	0.0	16.7	-	0.4	-	-	-	0.1	0.1	1	1	100.0	0.0
b. Other unspecified	1	1	1	1	1	4	5	0.2	80.0	0.2	83.3	1.4	0.4	0.3	0.3	0.3	0.4	0.4	6	7	80.0	0.0
TOTAL	172	654	406	401	730	1633	2363	100.0	100.0	100.0	100.0	240.6	229.5	122.9	124.5	226.6	165.5	179.2	2396	3529	96.8	0.1

Please consult the quality indicators for this registry

USA, California, San José (1993-2012)

	Males										M/F ratio		Females											
	Number of cases in age groups										0-14	0-19	Number of cases in age groups										0-14	0-19
	0	1-4	5-9	10-14	15-19	0-14	0-19	ASR per million	0-14	0-19			0	1-4	5-9	10-14	15-19	0-14	0-19	ASR per million	0-14	0-19		
I LEUKAEMIA	14	161	102	67	74	344	418	68.3	62.8	1.3	1.3	16	146	63	46	43	271	314	57.3	50.6				
a. Lymphoid	10	139	89	49	56	287	343	57.1	51.8	1.4	1.5	7	125	52	26	22	210	232	44.7	37.8				
b. Acute myeloid	4	15	9	15	15	43	58	8.4	8.5	0.8	0.9	7	18	9	17	15	51	66	10.5	10.3				
c. CMD	0	1	0	1	2	2	4	0.4	0.6	0.5	0.6	1	0	1	2	3	4	7	0.8	1.1				
d. MDS & other	0	4	1	2	0	7	7	1.4	1.1	1.2	0.9	1	3	1	1	2	6	8	1.3	1.3				
e. Unspecified	0	2	3	0	1	5	6	1.0	0.9	-	6.0	0	0	0	0	1	0	1	-	0.1				
II LYMPHOMA & RELATED	4	24	35	40	82	103	185	19.6	26.2	1.4	1.3	10	12	21	32	72	75	147	15.0	22.1				
a. Hodgkin	0	1	13	22	49	36	85	6.6	11.7	1.3	1.1	0	1	6	20	49	27	76	5.1	11.1				
b. Non-Hodgkin except BL	0	14	13	15	26	42	68	8.1	9.7	1.7	1.6	1	4	11	9	18	25	43	5.0	6.5				
c. Burkitt (BL)	0	2	7	3	3	12	15	2.3	2.2	1.7	1.7	0	2	3	2	2	7	9	1.4	1.4				
d. Lymphoreticular	4	7	2	0	2	13	15	2.7	2.4	0.9	0.9	9	5	1	0	1	15	16	3.3	2.7				
e. Unspecified	0	0	0	0	2	0	2	-	0.3	0.0	0.7	0	0	0	1	2	1	3	0.2	0.4				
III CNS NEOPLASMS	9	65	42	41	25	157	182	30.9	27.3	1.1	1.1	15	49	51	30	28	145	173	30.0	27.4				
a. Ependymoma	2	8	1	2	4	13	17	2.7	2.6	0.8	0.9	1	8	2	5	3	16	19	3.3	3.0				
b. Astrocytoma	3	28	22	19	11	72	83	14.1	12.4	1.0	1.0	7	22	28	14	14	71	85	14.7	13.4				
c. CNS embryonal	4	20	11	14	2	49	51	9.6	7.7	1.4	1.2	5	14	9	6	8	34	42	7.1	6.7				
d. Other gliomas	0	6	7	5	8	18	26	3.5	3.8	1.0	1.4	1	2	12	3	1	18	19	3.6	3.0				
e. Other specified	0	2	1	1	0	4	4	0.8	0.6	1.3	1.0	0	1	0	2	1	3	4	0.6	0.6				
f. Unspecified CNS	0	1	0	0	0	1	1	0.2	0.2	0.3	0.3	1	2	0	0	1	3	4	0.7	0.7				
IV NEUROBLASTOMA	18	28	6	1	1	53	54	11.1	8.7	1.2	1.2	18	19	7	1	1	45	46	9.8	7.8				
a. (Ganglio)neuroblastoma	18	28	6	1	0	53	53	11.1	8.6	1.2	1.2	18	18	7	1	0	44	44	9.6	7.5				
b. Peripheral nervous	0	0	0	0	1	0	1	-	0.1	0.0	0.5	0	1	0	0	1	1	2	0.2	0.3				
V RETINOBLASTOMA	10	17	1	0	0	28	28	5.9	4.6	1.2	1.2	10	13	1	0	0	24	24	5.3	4.1				
VI RENAL TUMOURS	3	25	1	0	3	29	32	6.1	5.1	0.8	0.8	3	26	8	0	2	37	39	8.1	6.5				
a. Nephroblastoma	3	25	1	0	2	29	31	6.1	5.0	0.8	0.8	3	26	7	0	1	36	37	7.9	6.2				
b. Renal carcinoma	0	0	0	0	1	0	1	-	0.1	0.0	0.5	0	0	1	0	1	1	2	0.2	0.3				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
VII HEPATIC TUMOURS	5	13	1	2	3	21	24	4.4	3.8	1.6	1.7	4	7	2	0	1	13	14	2.9	2.4				
a. Hepatoblastoma	5	13	0	0	0	18	18	3.8	3.0	1.4	1.4	4	7	2	0	0	13	13	2.9	2.2				
b. Hepatic carcinoma	0	0	1	2	3	3	6	0.5	0.8	-	6.0	0	0	0	0	1	0	1	-	0.1				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
VIII BONE TUMOURS	0	5	4	21	42	30	72	5.5	9.9	1.0	1.6	0	1	8	21	15	30	45	5.7	6.6				
a. Osteosarcoma	0	0	3	13	22	16	38	2.9	5.2	0.8	1.2	0	0	4	16	12	20	32	3.8	4.7				
b. Chondrosarcoma	0	0	0	1	2	1	3	0.2	0.4	-	-	0	0	0	0	0	0	0	-	-				
c. Ewing & related	0	5	1	6	12	12	24	2.3	3.4	1.5	2.2	0	1	4	3	3	8	11	1.6	1.7				
d. Other specified	0	0	0	0	4	0	4	-	0.5	0.0	4.0	0	0	0	1	0	1	1	0.2	0.1				
e. Unspecified	0	0	0	1	2	1	3	0.2	0.4	1.0	3.0	0	0	0	1	0	1	1	0.2	0.1				
IX SOFT TISSUE SARCOMA	9	15	11	10	25	45	70	8.9	10.3	1.2	1.1	2	12	11	13	23	38	61	7.7	9.3				
a. Rhabdomyosarcoma	1	11	5	4	1	21	22	4.2	3.4	1.0	0.8	1	10	5	6	6	22	28	4.6	4.4				
b. Fibrosarcoma	4	2	0	0	6	6	12	1.3	1.8	3.0	3.0	1	0	1	0	2	2	4	0.4	0.6				
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	2	2	3	5	15	12	27	2.3	3.8	1.0	1.1	0	2	4	6	12	12	24	2.4	3.6				
e. Unspecified	2	0	3	1	3	6	9	1.2	1.3	3.0	1.8	0	0	1	1	3	2	5	0.4	0.7				
X GERM CELL TUMOURS	11	7	8	16	83	42	125	8.1	17.5	1.1	1.6	9	4	11	14	39	38	77	7.7	11.6				
a. CNS germ cell	1	0	6	11	14	18	32	3.3	4.4	3.0	4.6	2	0	2	2	1	6	7	1.2	1.1				
b. Other extragonadal	7	2	0	1	7	10	17	2.1	2.6	0.9	1.1	7	3	1	0	4	11	15	2.4	2.5				
c. Gonadal germ cell	2	5	2	4	62	13	75	2.6	10.3	0.7	1.7	0	1	8	9	27	18	45	3.5	6.6				
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	2	6	2	8	0.4	1.2				
e. Unspecified gonadal	1	0	0	0	0	1	1	0.2	0.2	1.0	0.5	0	0	0	1	1	1	2	0.2	0.3				
XI CARCINOMA & MELANOMA	0	1	6	19	52	26	78	4.7	10.6	0.8	0.5	1	2	5	26	115	34	149	6.5	21.8				
a. Adrenocortical	0	0	0	1	1	1	2	0.2	0.3	1.0	2.0	0	0	0	1	0	1	1	0.2	0.1				
b. Thyroid	0	0	3	5	13	8	21	1.5	2.9	0.7	0.3	0	0	3	8	62	11	73	2.1	10.6				
c. Nasopharyngeal	0	0	0	2	3	2	5	0.4	0.7	1.0	1.7	0	0	0	2	1	2	3	0.4	0.4				
d. Melanoma	0	1	2	7	17	10	27	1.8	3.7	2.0	0.7	0	2	0	3	34	5	39	1.0	5.7				
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	0	1	1	0.2	0.2				
f. Other & unspecified	0	0	1	4	18	5	23	0.9	3.1	0.4	0.7	0	0	2	12	18	14	32	2.6	4.7				
XII OTHER & UNSPECIFIED	1	1	0	1	0	3	3	0.6	0.5	1.5	1.0	0	1	1	0	1	2	3	0.4	0.5				
a. Other specified	0	1	0	0	0	1	1	0.2	0.2	-	-	0	0	0	0	0	0	0	-	-				
b. Other unspecified	1	0	0	1	0	2	2	0.4	0.3	1.0	0.7	0	1	1	0	1	2	3	0.4	0.5				
TOTAL	84	362	217	218	390	881	1271	174.1	187.3	1.2	1.2	88	292	189	183	340	752	1092	156.4	170.8				

Please consult the quality indicators for this registry

USA, California, San José (1993-2012)

	Age group	Males	Females
Person-years	0	367 804	346 977
	1-4	1 460 627	1 388 842
	5-9	1 692 183	1 612 246
	10-14	1 652 667	1 567 726
	15-19	1 676 550	1 544 779
Total	0-14	5 173 281	4 915 791
	0-19	6 849 831	6 460 570
Average annual population	0-14	258 664	245 790
	0-19	342 492	323 029

Please consult the quality indicators for this registry