

## USA, California, San Francisco (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			0-14	0-19	
<b>I LEUKAEMIA</b>	57	409	205	125	150	796	946	33.8	100.0	28.2	100.0	53.4	96.4	40.4	24.8	31.0	54.2	49.0	765	920	98.9	0.0	
a. Lymphoid	23	356	166	89	80	634	714	26.9	79.6	21.3	75.5	21.6	83.9	32.7	17.7	16.6	43.3	37.3	609	692	99.7	0.0	
b. Acute myeloid	22	46	30	26	46	124	170	5.3	15.6	5.1	18.0	20.6	10.8	5.9	5.2	9.5	8.4	8.6	119	167	99.4	0.0	
c. CMD	2	1	4	5	16	12	28	0.5	1.5	0.8	3.0	1.9	0.2	0.8	1.0	3.3	0.8	1.3	12	28	75.0	0.0	
d. MDS & other	6	4	4	3	3	17	20	0.7	2.1	0.6	2.1	5.6	0.9	0.8	0.6	0.6	1.2	1.0	16	19	100.0	0.0	
e. Unspecified	4	2	1	2	5	9	14	0.4	1.1	0.4	1.5	3.7	0.5	0.2	0.4	1.0	0.6	0.7	9	14	100.0	0.0	
<b>II LYMPHOMA &amp; RELATED</b>	10	38	93	127	235	268	503	11.4	100.0	15.0	100.0	9.4	9.0	18.3	25.2	48.6	16.7	23.9	263	506	99.2	0.0	
a. Hodgkin	1	2	19	47	128	69	197	2.9	25.7	5.9	39.2	0.9	0.5	3.7	9.3	26.5	4.1	9.2	68	201	100.0	0.0	
b. Non-Hodgkin except BL	2	16	47	62	86	127	213	5.4	47.4	6.3	42.3	1.9	3.8	9.3	12.3	17.8	7.9	10.1	125	214	99.1	0.0	
c. Burkitt (BL)	1	8	19	12	16	40	56	1.7	14.9	1.7	11.1	0.9	1.9	3.7	2.4	3.3	2.6	2.7	39	56	100.0	0.0	
d. Lymphoreticular	5	10	7	4	2	26	28	1.1	9.7	0.8	5.6	4.7	2.4	1.4	0.8	0.4	1.8	1.5	25	27	100.0	0.0	
e. Unspecified	1	2	1	2	3	6	9	0.3	2.2	0.3	1.8	0.9	0.5	0.2	0.4	0.6	0.4	0.4	6	9	77.8	0.0	
<b>III CNS NEOPLASMS</b>	41	174	148	101	78	464	542	19.7	100.0	16.1	100.0	38.4	41.0	29.2	20.1	16.1	30.9	27.6	449	529	86.3	0.2	
a. Ependymoma	7	22	10	9	5	48	53	2.0	10.3	1.6	9.8	6.6	5.2	2.0	1.8	1.0	3.3	2.8	46	51	98.1	0.0	
b. Astrocytoma	16	81	72	51	47	220	267	9.3	47.4	8.0	49.3	15.0	19.1	14.2	10.1	9.7	14.6	13.5	213	262	88.4	0.0	
c. CNS embryonal	16	44	34	22	11	116	127	4.9	25.0	3.8	23.4	15.0	10.4	6.7	4.4	2.3	7.8	6.6	112	123	100.0	0.0	
d. Other gliomas	0	22	30	16	13	68	81	2.9	14.7	2.4	14.9	-	5.2	5.9	3.2	2.7	4.4	4.0	66	80	49.4	1.2	
e. Other specified	0	1	2	3	2	6	8	0.3	1.3	0.2	1.5	-	0.2	0.4	0.6	0.4	0.4	0.4	6	8	100.0	0.0	
f. Unspecified CNS	2	4	0	0	0	6	6	0.3	1.3	0.2	1.1	1.9	0.9	-	-	-	0.4	0.3	6	6	83.3	0.0	
<b>IV NEUROBLASTOMA</b>	79	78	19	4	1	180	181	7.6	100.0	5.4	100.0	74.0	18.4	3.7	0.8	0.2	12.9	10.0	171	172	98.9	0.0	
a. (Ganglio)neuroblastoma	79	77	19	4	0	179	179	7.6	99.4	5.3	98.9	74.0	18.1	3.7	0.8	-	12.8	9.9	170	170	98.9	0.0	
b. Peripheral nervous	0	1	0	0	1	1	2	0.0	0.6	0.1	1.1	-	0.2	-	-	0.2	0.1	0.1	1	2	100.0	0.0	
<b>V RETINOBLASTOMA</b>	24	31	1	0	0	56	56	2.4	100.0	1.7	100.0	22.5	7.3	0.2	-	-	4.1	3.2	53	53	76.8	0.0	
<b>VI RENAL TUMOURS</b>	15	75	23	9	8	122	130	5.2	100.0	3.9	100.0	14.1	17.7	4.5	1.8	1.7	8.5	7.0	116	125	99.2	0.8	
a. Nephroblastoma	15	74	23	6	0	118	118	5.0	96.7	3.5	90.8	14.1	17.4	4.5	1.2	-	8.3	6.4	112	112	100.0	0.0	
b. Renal carcinoma	0	0	0	3	8	3	11	0.1	2.5	0.3	8.5	-	-	-	0.6	1.7	0.2	0.5	3	11	90.9	9.1	
c. Unspecified	0	1	0	0	0	1	1	0.0	0.8	0.0	0.8	-	0.2	-	-	-	0.1	0.1	1	1	100.0	0.0	
<b>VII HEPATIC TUMOURS</b>	12	28	5	5	12	50	62	2.1	100.0	1.8	100.0	11.2	6.6	1.0	1.0	2.5	3.5	3.3	48	60	98.4	0.0	
a. Hepatoblastoma	11	27	5	2	2	45	47	1.9	90.0	1.4	75.8	10.3	6.4	1.0	0.4	0.4	3.2	2.6	43	45	100.0	0.0	
b. Hepatic carcinoma	1	1	0	3	10	5	15	0.2	10.0	0.4	24.2	0.9	0.2	-	0.6	2.1	0.3	0.7	5	15	93.3	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>VIII BONE TUMOURS</b>	1	4	21	68	69	94	163	4.0	100.0	4.9	100.0	0.9	0.9	4.1	13.5	14.3	5.6	7.6	93	164	100.0	0.0	
a. Osteosarcoma	0	0	16	42	38	58	96	2.5	61.7	2.9	58.9	-	-	3.2	8.3	7.9	3.4	4.4	58	97	100.0	0.0	
b. Chondrosarcoma	0	0	0	2	3	2	5	0.1	2.1	0.1	3.1	-	-	-	0.4	0.6	0.1	0.2	2	5	100.0	0.0	
c. Ewing & related	1	3	5	21	23	30	53	1.3	31.9	1.6	32.5	0.9	0.7	1.0	4.2	4.8	1.8	2.5	30	53	100.0	0.0	
d. Other specified	0	1	0	3	3	4	7	0.2	4.3	0.2	4.3	-	0.2	-	0.6	0.6	0.2	0.3	4	7	100.0	0.0	
e. Unspecified	0	0	0	0	2	0	2	-	-	0.1	1.2	-	-	-	-	0.4	-	0.1	-	2	2	100.0	0.0
<b>IX SOFT TISSUE SARCOMA</b>	18	26	35	38	77	117	194	5.0	100.0	5.8	100.0	16.9	6.1	6.9	7.6	15.9	7.6	9.5	114	193	99.0	0.0	
a. Rhabdomyosarcoma	8	21	20	18	16	67	83	2.8	57.3	2.5	42.8	7.5	4.9	3.9	3.6	3.3	4.4	4.2	65	81	100.0	0.0	
b. Fibrosarcoma	5	0	2	2	7	9	16	0.4	7.7	0.5	8.2	4.7	-	0.4	0.4	1.4	0.6	0.8	9	16	100.0	0.0	
c. Kaposi sarcoma	1	0	0	0	0	1	1	0.0	0.9	0.0	0.5	0.9	-	-	-	-	0.1	0.1	1	1	100.0	0.0	
d. Other specified	2	4	10	12	41	28	69	1.2	23.9	2.1	35.6	1.9	0.9	2.0	2.4	8.5	1.8	3.3	27	70	98.6	0.0	
e. Unspecified	2	1	3	6	13	12	25	0.5	10.3	0.7	12.9	1.9	0.2	0.6	1.2	2.7	0.8	1.2	12	25	96.0	0.0	
<b>X GERM CELL TUMOURS</b>	23	10	13	53	148	99	247	4.2	100.0	7.4	100.0	21.6	2.4	2.6	10.5	30.6	6.3	11.8	97	250	95.1	0.0	
a. CNS germ cell	1	0	5	21	22	27	49	1.1	27.3	1.5	19.8	0.9	-	1.0	4.2	4.6	1.6	2.3	27	49	81.6	0.0	
b. Other extragonadal	18	2	1	3	10	24	34	1.0	24.2	1.0	13.8	16.9	0.5	0.2	0.6	2.1	1.7	1.8	23	33	91.2	0.0	
c. Gonadal germ cell	4	8	6	27	107	45	152	1.9	45.5	4.5	61.5	3.7	1.9	1.2	5.4	22.1	2.8	7.2	44	155	100.0	0.0	
d. Gonadal carcinoma	0	0	0	2	8	2	10	0.1	2.0	0.3	4.0	-	-	-	0.4	1.7	0.1	0.5	2	10	100.0	0.0	
e. Unspecified gonadal	0	0	1	0	1	1	2	0.0	1.0	0.1	0.8	-	-	0.2	-	0.2	0.1	0.1	1	2	100.0	0.0	
<b>XI CARCINOMA &amp; MELANOMA</b>	6	9	20	71	219	106	325	4.5	100.0	9.7	100.0	5.6	2.1	3.9	14.1	45.3	6.5	15.2	104	331	100.0	0.0	
a. Adrenocortical	2	4	1	0	1	7	8	0.3	6.6	0.2	2.5	1.9	0.9	0.2	-	0.2	0.5	0.4	7	8	100.0	0.0	
b. Thyroid	1	1	5	27	103	34	137	1.4	32.1	4.1	42.2	0.9	0.2	1.0	5.4	21.3	2.0	6.4	34	140	100.0	0.0	
c. Nasopharyngeal	0	0	0	3	11	3	14	0.1	2.8	0.4	4.3	-	-	-	0.6	2.3	0.2	0.6	3	14	100.0	0.0	
d. Melanoma	1	3	8	16	54	28	82	1.2	26.4	2.4	25.2	0.9	0.7	1.6	3.2	11.2	1.7	3.8	28	83	100.0	0.0	
e. Skin carcinoma	0	0	0	1	1	1	2	0.0	0.9	0.1	0.6	-	-	-	0.2	0.2	0.1	0.1	1	2	100.0	0.0	
f. Other & unspecified	2	1	6	24	49	33	82	1.4	31.1	2.4	25.2	1.9	0.2	1.2	4.8	10.1	2.0	3.8	33	83	100.0	0.0	
<b>XII OTHER &amp; UNSPECIFIED</b>	1	0	1	3	4	5	9	0.2	100.0	0.3	100.0	0.9	-	0.2	0.6	0.8	0.3	0.4	5	9	88.9	0.0	
a. Other specified	1	0	1	2	1	4	5	0.2	80.0	0.1	55.6	0.9	-	0.2	0.4	0.2	0.3	0.2	4	5	100.0	0.0	
b. Other unspecified	0	0	0	1	3	1	4	0.0	20.0	0.1	44.4	-	-	-	0.2	0.6	0.1	0.2	1	4	75.0	0.0	
<b>TOTAL</b>	287	882	584	604	1001	2357	3358	100.0	100.0	100.0	100.0	269.0	207.8	115.2	120.0	207.1	157.2	168.4	2276	3312	96.4	0.1	

Please consult the quality indicators for this registry

## USA, California, San Francisco (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		
<b>I LEUKAEMIA</b>	29	255	107	66	87	457	544	61.3	55.3	1.3	1.4	28	154	98	59	63	339	402	46.9	42.4				
a. Lymphoid	12	217	89	46	52	364	416	48.9	42.6	1.3	1.4	11	139	77	43	28	270	298	37.5	31.7				
b. Acute myeloid	9	32	14	15	22	70	92	9.3	9.2	1.3	1.2	13	14	16	11	24	54	78	7.4	8.0				
c. CMD	2	1	1	2	9	6	15	0.8	1.4	1.0	1.2	0	0	3	3	7	6	13	0.7	1.3				
d. MDS & other	4	4	3	2	1	13	14	1.7	1.4	3.3	2.3	2	0	1	1	2	4	6	0.5	0.6				
e. Unspecified	2	1	0	1	3	4	7	0.5	0.7	0.8	1.0	2	1	1	1	2	5	7	0.7	0.7				
<b>II LYMPHOMA &amp; RELATED</b>	6	21	64	78	131	169	300	20.6	27.8	1.7	1.5	4	17	29	49	104	99	203	12.7	19.8				
a. Hodgkin	0	1	16	24	63	41	104	4.8	9.4	1.5	1.1	1	1	3	23	65	28	93	3.4	8.9				
b. Non-Hodgkin except BL	1	9	29	42	52	81	133	9.8	12.3	1.8	1.7	1	7	18	20	34	46	80	5.9	7.8				
c. Burkitt (BL)	1	6	13	10	14	30	44	3.7	4.2	3.0	3.7	0	2	6	2	2	10	12	1.3	1.2				
d. Lymphoreticular	3	5	5	1	0	14	14	1.9	1.5	1.2	1.0	2	5	2	3	2	12	14	1.7	1.5				
e. Unspecified	1	0	1	1	2	3	5	0.4	0.5	1.0	1.3	0	2	0	1	1	3	4	0.4	0.4				
<b>III CNS NEOPLASMS</b>	21	100	82	55	52	258	310	33.7	30.8	1.3	1.3	20	74	66	46	26	206	232	28.0	24.2				
a. Ependymoma	4	12	3	5	4	24	28	3.2	2.9	1.0	1.1	3	10	7	4	1	24	25	3.3	2.7				
b. Astrocytoma	9	47	41	25	29	122	151	15.9	14.9	1.2	1.3	7	34	31	26	18	98	116	13.2	12.0				
c. CNS embryonal	7	28	22	13	9	70	79	9.2	7.9	1.5	1.6	9	16	12	9	2	46	48	6.4	5.1				
d. Other gliomas	0	11	15	11	9	37	46	4.7	4.4	1.2	1.3	0	11	15	5	4	31	35	4.2	3.6				
e. Other specified	0	1	1	1	1	3	4	0.4	0.4	1.0	1.0	0	0	1	2	1	3	4	0.4	0.4				
f. Unspecified CNS	1	1	0	0	0	2	2	0.3	0.2	0.5	0.5	1	3	0	0	0	4	4	0.6	0.5				
<b>IV NEUROBLASTOMA</b>	48	39	11	2	1	100	101	14.0	10.9	1.3	1.3	31	39	8	2	0	80	80	11.7	9.1				
a. (Ganglio)neuroblastoma	48	39	11	2	0	100	100	14.0	10.8	1.3	1.3	31	38	8	2	0	79	79	11.6	9.0				
b. Peripheral nervous	0	0	0	0	1	0	1	-	0.1	0.0	1.0	0	1	0	0	0	1	1	0.1	0.1				
<b>V RETINOBLASTOMA</b>	12	17	1	0	0	30	30	4.3	3.3	1.2	1.2	12	14	0	0	0	26	26	3.9	3.0				
<b>VI RENAL TUMOURS</b>	8	31	11	3	3	53	56	7.3	5.9	0.8	0.8	7	44	12	6	5	69	74	9.9	8.1				
a. Nephroblastoma	8	31	11	1	0	51	51	7.0	5.5	0.8	0.8	7	43	12	5	0	67	67	9.6	7.4				
b. Renal carcinoma	0	0	0	2	3	2	5	0.2	0.4	2.0	0.8	0	0	0	1	5	1	6	0.1	0.6				
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	0.1	0.1				
<b>VII HEPATIC TUMOURS</b>	6	20	2	2	8	30	38	4.2	4.0	1.5	1.6	6	8	3	3	4	20	24	2.8	2.6				
a. Hepatoblastoma	6	19	2	0	2	27	29	3.8	3.1	1.5	1.6	5	8	3	2	0	18	18	2.6	2.0				
b. Hepatic carcinoma	0	1	0	2	6	3	9	0.4	0.8	1.5	1.5	1	0	0	1	4	2	6	0.3	0.6				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
<b>VIII BONE TUMOURS</b>	0	3	7	36	46	46	92	5.4	8.3	1.0	1.3	1	1	14	32	23	48	71	5.9	6.8				
a. Osteosarcoma	0	0	6	21	24	27	51	3.1	4.6	0.9	1.1	0	0	10	21	14	31	45	3.8	4.3				
b. Chondrosarcoma	0	0	0	0	2	0	2	-	0.2	0.0	0.7	0	0	0	2	1	2	3	0.2	0.3				
c. Ewing & related	0	3	1	13	16	17	33	2.0	3.0	1.3	1.6	1	0	4	8	7	13	20	1.6	1.9				
d. Other specified	0	0	0	2	2	2	4	0.2	0.4	1.0	1.3	0	1	0	1	1	2	3	0.3	0.3				
e. Unspecified	0	0	0	0	2	0	2	-	0.2	-	-	0	0	0	0	0	0	0	-	-				
<b>IX SOFT TISSUE SARCOMA</b>	13	13	19	21	44	66	110	8.4	10.5	1.3	1.3	5	13	16	17	33	51	84	6.8	8.4				
a. Rhabdomyosarcoma	7	11	12	9	8	39	47	5.1	4.7	1.4	1.3	1	10	8	9	8	28	36	3.7	3.7				
b. Fibrosarcoma	3	0	1	1	2	5	7	0.7	0.7	1.3	0.8	2	0	1	1	5	4	9	0.5	0.9				
c. Kaposi sarcoma	1	0	0	0	0	1	1	0.1	0.1	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	2	2	4	9	25	17	42	2.1	3.9	1.5	1.6	0	2	6	3	16	11	27	1.4	2.6				
e. Unspecified	0	0	2	2	9	4	13	0.5	1.2	0.5	1.1	2	1	1	4	4	8	12	1.1	1.2				
<b>X GERM CELL TUMOURS</b>	10	8	2	24	104	44	148	5.5	13.7	0.8	1.5	13	2	11	29	44	55	99	7.1	9.7				
a. CNS germ cell	0	0	2	17	21	19	40	2.2	3.6	2.4	4.4	1	0	3	4	1	8	9	1.0	0.9				
b. Other extragonadal	6	0	0	2	5	8	13	1.1	1.3	0.5	0.6	12	2	1	1	5	16	21	2.3	2.3				
c. Gonadal germ cell	4	8	0	5	77	17	94	2.3	8.7	0.6	1.6	0	0	6	22	30	28	58	3.4	5.5				
d. Gonadal carcinoma	0	0	0	0	1	0	1	-	0.1	0.0	0.1	0	0	0	2	7	2	9	0.2	0.9				
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	1	0	1	1	2	0.1	0.2				
<b>XI CARCINOMA &amp; MELANOMA</b>	4	2	7	24	61	37	98	4.4	8.9	0.5	0.4	2	7	13	47	158	69	227	8.6	21.9				
a. Adrenocortical	1	1	0	0	0	2	2	0.3	0.2	0.4	0.3	1	3	1	0	1	5	6	0.7	0.7				
b. Thyroid	0	0	2	3	10	5	15	0.6	1.4	0.2	0.1	1	1	3	24	93	29	122	3.5	11.7				
c. Nasopharyngeal	0	0	0	1	5	1	6	0.1	0.5	0.5	0.8	0	0	0	2	6	2	8	0.2	0.8				
d. Melanoma	1	1	3	5	24	10	34	1.2	3.1	0.6	0.7	0	2	5	11	30	18	48	2.2	4.6				
e. Skin carcinoma	0	0	0	0	1	0	1	-	0.1	0.0	1.0	0	0	0	1	0	1	1	0.1	0.1				
f. Other & unspecified	2	0	2	15	21	19	40	2.2	3.6	1.4	1.0	0	1	4	9	28	14	42	1.7	4.0				
<b>XII OTHER &amp; UNSPECIFIED</b>	0	0	0	2	1	2	3	0.2	0.3	0.7	0.5	1	0	1	1	3	3	6	0.4	0.6				
a. Other specified	0	0	0	1	0	1	1	0.1	0.1	0.3	0.3	1	0	1	1	1	3	4	0.4	0.4				
b. Other unspecified	0	0	0	1	1	1	2	0.1	0.2	-	1.0	0	0	0	0	2	0	2	-	0.2				
<b>TOTAL</b>	157	509	313	313	538	1292	1830	169.2	179.7	1.2	1.2	130	373	271	291	463	1065	1528	144.6	156.6				

Please consult the quality indicators for this registry

## USA, California, San Francisco (1993-2012)

	Age group	Males	Females
Person-years	0	545 613	521 349
	1-4	2 169 995	2 074 188
	5-9	2 589 557	2 481 582
	10-14	2 575 194	2 456 851
	15-19	2 494 443	2 338 828
Total	0-14	7 880 359	7 533 970
	0-19	10 374 802	9 872 798
Average annual population	0-14	394 018	376 699
	0-19	518 740	493 640

Please consult the quality indicators for this registry