

USA, California, San Francisco, NH White (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	23	143	93	44	51	303	354	31.1	100.0	25.1	100.0	54.9	86.3	46.8	21.8	27.2	52.4	46.7	743	879	98.6	0.0
a. Lymphoid	6	130	78	32	27	246	273	25.3	81.2	19.3	77.1	14.3	78.4	39.3	15.9	14.4	42.6	36.3	603	675	99.3	0.0
b. Acute myeloid	10	12	11	9	18	42	60	4.3	13.9	4.3	16.9	23.9	7.2	5.5	4.5	9.6	7.2	7.7	103	151	98.3	0.0
c. CMD	0	0	1	2	3	3	6	0.3	1.0	0.4	1.7	-	-	0.5	1.0	1.6	0.5	0.7	7	15	66.7	0.0
d. MDS & other	4	1	2	0	1	7	8	0.7	2.3	0.6	2.3	9.5	0.6	1.0	-	0.5	1.3	1.1	17	20	100.0	0.0
e. Unspecified	3	0	1	1	2	5	7	0.5	1.7	0.5	2.0	7.2	-	0.5	0.5	1.1	0.9	0.9	12	18	100.0	0.0
II LYMPHOMA & RELATED	5	13	41	57	119	116	235	11.9	100.0	16.7	100.0	11.9	7.8	20.7	28.3	63.5	18.2	28.4	288	606	99.6	0.0
a. Hodgkin	1	0	6	25	66	32	98	3.3	27.6	6.9	41.7	2.4	-	3.0	12.4	35.2	4.8	11.6	80	256	100.0	0.0
b. Non-Hodgkin except BL	1	4	23	23	42	51	93	5.2	44.0	6.6	39.6	2.4	2.4	11.6	11.4	22.4	8.0	11.2	127	239	98.9	0.0
c. Burkitt (BL)	1	6	11	7	9	25	34	2.6	21.6	2.4	14.5	2.4	3.6	5.5	3.5	4.8	4.1	4.3	62	86	100.0	0.0
d. Lymphoreticular	2	3	1	1	1	7	8	0.7	6.0	0.6	3.4	4.8	1.8	0.5	0.5	1.2	1.1	1.7	20	20	100.0	0.0
e. Unspecified	0	0	0	1	1	1	2	0.1	0.9	0.1	0.9	-	-	-	0.5	0.5	0.1	0.2	2	5	100.0	0.0
III CNS NEOPLASMS	19	81	83	45	35	228	263	23.4	100.0	18.6	100.0	45.3	48.9	41.8	22.3	18.7	38.6	34.1	561	655	86.7	0.4
a. Ependymoma	4	9	4	2	3	19	22	2.0	8.3	1.6	8.4	9.5	5.4	2.0	1.0	1.6	3.4	3.0	46	54	95.5	0.0
b. Astrocytoma	6	40	44	29	23	119	142	12.2	52.2	10.1	54.0	14.3	24.1	22.2	14.4	12.3	19.9	18.2	294	355	85.2	0.0
c. CNS embryonal	9	21	19	8	3	57	60	5.9	25.0	4.3	22.8	21.5	12.7	9.6	4.0	1.6	9.8	8.0	140	148	100.0	0.0
d. Other gliomas	0	9	14	5	6	28	34	2.9	12.3	2.4	12.9	-	5.4	7.1	2.5	3.2	4.7	4.3	69	85	61.8	2.9
e. Other specified	0	0	2	1	0	3	3	0.3	1.3	0.2	1.1	-	-	1.0	0.5	-	0.5	0.4	8	8	100.0	0.0
f. Unspecified CNS	0	2	0	0	0	2	2	0.2	0.9	0.1	0.8	-	1.2	-	-	-	0.4	0.3	5	5	100.0	0.0
IV NEUROBLASTOMA	30	38	5	2	0	75	75	7.7	100.0	5.3	100.0	71.6	22.9	2.5	1.0	-	13.8	10.7	181	181	100.0	0.0
a. (Ganglio)neuroblastoma	30	37	5	2	0	74	74	7.6	98.7	5.2	98.7	71.6	22.3	2.5	1.0	-	13.6	10.5	179	179	100.0	0.0
b. Peripheral nervous	0	1	0	0	0	1	1	0.1	1.3	0.1	1.3	-	0.6	-	-	-	0.2	0.1	2	2	100.0	0.0
V RETINOBLASTOMA	10	12	0	0	0	22	22	2.3	100.0	1.6	100.0	23.9	7.2	-	-	-	4.1	3.2	53	53	77.3	0.0
VI RENAL TUMOURS	5	37	9	4	0	55	55	5.7	100.0	3.9	100.0	11.9	22.3	4.5	2.0	-	9.9	7.6	134	134	100.0	0.0
a. Nephroblastoma	5	37	9	3	0	54	54	5.5	98.2	3.8	98.2	11.9	22.3	4.5	1.5	-	9.7	7.5	131	131	100.0	0.0
b. Renal carcinoma	0	0	0	1	0	1	1	0.1	1.8	0.1	1.8	-	-	-	0.5	-	0.1	0.1	2	2	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	3	14	1	2	4	20	24	2.1	100.0	1.7	100.0	7.2	8.4	0.5	1.0	2.1	3.6	3.3	48	59	95.8	0.0
a. Hepatoblastoma	3	14	1	1	1	19	20	2.0	95.0	1.4	83.3	7.2	8.4	0.5	0.5	0.5	3.5	2.8	46	49	100.0	0.0
b. Hepatic carcinoma	0	0	0	1	3	1	4	0.1	5.0	0.3	16.7	-	-	-	0.5	1.6	0.1	0.5	2	10	75.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	1	10	26	30	37	67	3.8	100.0	4.7	100.0	-	0.6	5.0	12.9	16.0	5.6	7.9	92	172	100.0	0.0
a. Osteosarcoma	0	0	5	16	13	21	34	2.2	56.8	2.4	50.7	-	-	2.5	7.9	6.9	3.1	4.0	52	87	100.0	0.0
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c. Ewing & related	0	0	5	9	16	14	30	1.4	37.8	2.1	44.8	-	-	2.5	4.5	8.5	2.1	3.6	35	78	100.0	0.0
d. Other specified	0	1	0	1	1	2	3	0.2	5.4	0.2	4.5	-	0.6	-	0.5	0.5	0.3	0.4	5	8	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IX SOFT TISSUE SARCOMA	8	13	11	15	29	47	76	4.8	100.0	5.4	100.0	19.1	7.8	5.5	7.4	15.5	7.9	9.6	115	193	98.7	0.0
a. Rhabdomyosarcoma	4	12	7	9	6	32	38	3.3	68.1	2.7	50.0	9.5	7.2	3.5	4.5	3.2	5.4	4.9	78	95	100.0	0.0
b. Fibrosarcoma	2	0	0	0	1	2	3	0.2	4.3	0.2	3.9	4.8	-	-	-	0.5	0.4	0.4	5	7	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	1	0	4	3	17	8	25	0.8	17.0	1.8	32.9	2.4	-	2.0	1.5	9.1	1.3	3.0	20	65	96.0	0.0
e. Unspecified	1	1	0	3	5	5	10	0.5	10.6	0.7	13.2	2.4	0.6	-	1.5	2.7	0.8	1.2	12	26	100.0	0.0
X GERM CELL TUMOURS	9	2	4	13	52	28	80	2.9	100.0	5.7	100.0	21.5	1.2	2.0	6.5	27.8	4.6	9.8	69	208	95.0	0.0
a. CNS germ cell	1	0	2	8	7	11	18	1.1	39.3	1.3	22.5	2.4	-	1.0	4.0	3.7	1.7	2.1	27	46	77.8	0.0
b. Other extragonadal	7	1	1	0	0	9	9	0.9	32.1	0.6	11.3	16.7	0.6	0.5	-	-	1.7	1.3	22	22	100.0	0.0
c. Gonadal germ cell	1	1	1	5	40	8	48	0.8	28.6	3.4	60.0	2.4	0.6	0.5	2.5	21.4	1.3	5.8	20	126	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	5	0	5	-	-	0.4	6.3	-	-	-	-	2.7	-	0.6	-	13	100.0	0.0
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XI CARCINOMA & MELANOMA	4	4	7	25	116	40	156	4.1	100.0	11.1	100.0	9.5	2.4	3.5	12.4	61.9	6.2	18.8	99	409	100.0	0.0
a. Adrenocortical	1	1	0	0	1	2	3	0.2	5.0	0.2	1.9	2.4	0.6	-	-	0.5	0.4	0.4	5	7	100.0	0.0
b. Thyroid	1	1	2	6	46	10	56	1.0	25.0	4.0	35.9	2.4	0.6	1.0	3.0	24.6	1.6	6.7	25	148	100.0	0.0
c. Nasopharyngeal	0	0	0	0	3	0	3	-	-	0.2	1.9	-	-	-	-	1.6	-	0.4	-	8	100.0	0.0
d. Melanoma	1	2	3	8	44	14	58	1.4	35.0	4.1	37.2	2.4	1.2	1.5	4.0	23.5	2.2	7.0	35	152	100.0	0.0
e. Skin carcinoma	0	0	0	1	1	1	2	0.1	2.5	0.1	1.3	-	-	-	0.5	0.5	0.1	0.2	2	5	100.0	0.0
f. Other & unspecified	1	0	2	10	21	13	34	1.3	32.5	2.4	21.8	2.4	-	1.0	5.0	11.2	2.0	4.0	32	88	100.0	0.0
XII OTHER & UNSPECIFIED	1	0	0	1	2	2	4	0.2	100.0	0.3	100.0	2.4	-	-	0.5	1.1	0.3	0.5	5	10	100.0	0.0
a. Other specified	1	0	0	0	1	1	2	0.1	50.0	0.1	50.0	2.4	-	-	-	0.5	0.2	0.3	2	5	100.0	0.0
b. Other unspecified	0	0	0	1	1	1	2	0.1	50.0	0.1	50.0	-	-	-	0.5	0.5	0.1	0.2	2	5	100.0	0.0
TOTAL	117	358	264	234	438	973	1411	100.0	100.0	100.0	100.0	279.2	215.9	133.0	116.2	233.8	165.2	180.6	2389	3558	96.3	0.1

Please consult the quality indicators for this registry

USA, California, San Francisco, NH White (1993-2012)

	Males										M/F ratio		Females									
	Number of cases in age groups										0-14	0-19	Number of cases in age groups									
	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	11	87	55	20	27	173	200	58.7	51.8	1.3	1.3	12	56	38	24	24	130	154	45.7	41.4		
a. Lymphoid	3	77	47	14	17	141	158	48.0	41.1	1.3	1.4	3	53	31	18	10	105	115	37.0	31.2		
b. Acute myeloid	3	9	6	4	8	22	30	7.4	7.6	1.1	1.0	7	3	5	5	10	20	30	7.0	7.9		
c. CMD	0	0	1	1	1	2	3	0.6	0.7	2.0	1.0	0	0	0	1	2	1	3	0.3	0.7		
d. MDS & other	3	1	1	0	0	5	5	1.8	1.4	2.5	1.7	1	0	1	0	1	2	3	0.7	0.8		
e. Unspecified	2	0	0	1	1	3	4	1.0	1.0	1.5	1.3	1	0	1	0	1	2	3	0.7	0.8		
II LYMPHOMA & RELATED	4	7	28	37	67	76	143	23.3	33.7	1.9	1.6	1	6	13	20	52	40	92	12.9	22.9		
a. Hodgkin	0	0	6	11	32	17	49	5.0	11.3	1.1	1.0	1	0	0	14	34	15	49	4.5	11.9		
b. Non-Hodgkin except BL	1	2	16	17	27	36	63	11.0	14.8	2.4	2.1	0	2	7	6	15	15	30	4.9	7.5		
c. Burkitt (BL)	1	5	6	7	8	19	27	6.1	6.6	3.2	3.9	0	1	5	0	1	6	7	2.0	1.8		
d. Lymphoreticular	2	0	0	1	0	3	3	1.0	0.8	0.8	0.6	0	3	1	0	1	4	5	1.5	1.4		
e. Unspecified	0	0	0	1	0	1	1	0.3	0.2	-	1.0	0	0	0	0	1	0	1	-	0.2		
III CNS NEOPLASMS	13	49	46	26	26	134	160	44.5	40.5	1.4	1.6	6	32	37	19	9	94	103	32.5	27.4		
a. Ependymoma	3	6	1	2	2	12	14	4.2	3.7	1.7	1.8	1	3	3	0	1	7	8	2.5	2.2		
b. Astrocytoma	4	24	24	16	16	68	84	22.3	21.0	1.3	1.4	2	16	20	13	7	51	58	17.4	15.2		
c. CNS embryonal	6	14	12	3	2	35	37	11.9	9.7	1.6	1.6	3	7	7	5	1	22	23	7.6	6.2		
d. Other gliomas	0	4	8	5	6	17	23	5.4	5.6	1.5	2.1	0	5	6	0	0	11	11	3.9	3.0		
e. Other specified	0	0	1	0	0	1	1	0.3	0.2	0.5	0.5	0	0	1	1	0	2	2	0.6	0.5		
f. Unspecified CNS	0	1	0	0	0	1	1	0.4	0.3	1.0	1.0	0	1	0	0	0	1	1	0.4	0.3		
IV NEUROBLASTOMA	20	21	4	2	0	47	47	16.7	13.0	1.7	1.7	10	17	1	0	0	28	28	10.6	8.3		
a. (Ganglio)neuroblastoma	20	21	4	2	0	47	47	16.7	13.0	1.7	1.7	10	16	1	0	0	27	27	10.3	8.0		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	0.4	0.3		
V RETINOBLASTOMA	5	7	0	0	0	12	12	4.4	3.4	1.2	1.2	5	5	0	0	0	10	10	3.8	3.0		
VI RENAL TUMOURS	3	16	6	1	0	26	26	9.1	7.1	0.9	0.9	2	21	3	3	0	29	29	10.7	8.3		
a. Nephroblastoma	3	16	6	0	0	25	25	8.8	6.8	0.9	0.9	2	21	3	3	0	29	29	10.7	8.3		
b. Renal carcinoma	0	0	0	1	0	1	1	0.3	0.2	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	1	9	0	0	3	10	13	3.6	3.5	1.0	1.2	2	5	1	2	1	10	11	3.6	3.0		
a. Hepatoblastoma	1	9	0	0	1	10	11	3.6	3.1	1.1	1.2	2	5	1	1	0	9	9	3.3	2.6		
b. Hepatic carcinoma	0	0	0	0	2	0	2	-	0.5	0.0	1.0	0	0	0	1	1	1	2	0.3	0.5		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	0	3	12	19	15	34	4.3	7.8	0.7	1.0	0	1	7	14	11	22	33	6.9	8.0		
a. Osteosarcoma	0	0	2	5	6	7	13	2.0	3.0	0.5	0.6	0	0	3	11	7	14	21	4.2	5.0		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	0	0	1	6	12	7	19	2.0	4.4	1.0	1.7	0	0	4	3	4	7	11	2.2	2.7		
d. Other specified	0	0	0	1	1	1	2	0.3	0.5	1.0	2.0	0	1	0	0	0	1	1	0.4	0.3		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	4	6	5	11	15	26	41	8.3	9.9	1.2	1.2	4	7	6	4	14	21	35	7.4	9.2		
a. Rhabdomyosarcoma	3	6	4	7	1	20	21	6.5	5.3	1.7	1.2	1	6	3	2	5	12	17	4.3	4.5		
b. Fibrosarcoma	0	0	0	0	0	0	0	-	-	0.0	0.0	2	0	0	0	1	2	3	0.8	0.8		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	1	0	1	2	9	4	13	1.2	3.1	1.0	1.1	0	0	3	1	8	4	12	1.3	3.0		
e. Unspecified	0	0	0	2	5	2	7	0.6	1.6	0.7	2.3	1	1	0	1	0	3	3	1.1	0.8		
X GERM CELL TUMOURS	4	1	0	8	41	13	54	4.1	12.7	0.9	2.1	5	1	4	5	11	15	26	5.1	6.7		
a. CNS germ cell	0	0	0	6	6	6	12	1.7	2.7	1.2	2.0	1	0	2	2	1	5	6	1.6	1.5		
b. Other extragonadal	3	0	0	0	0	3	3	1.1	0.8	0.5	0.5	4	1	1	0	0	6	6	2.2	1.7		
c. Gonadal germ cell	1	1	0	2	34	4	38	1.3	8.9	1.0	3.8	0	0	1	3	6	4	10	1.2	2.4		
d. Gonadal carcinoma	0	0	0	0	1	0	1	-	0.2	-	0.3	0	0	0	0	4	0	4	-	1.0		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
XI CARCINOMA & MELANOMA	2	1	2	10	41	15	56	4.5	13.1	0.6	0.6	2	3	5	15	75	25	100	8.0	24.8		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	0.0	0.0	1	1	0	0	1	2	3	0.8	0.8		
b. Thyroid	0	0	1	0	7	1	8	0.3	1.9	0.1	0.2	1	1	1	6	39	9	48	2.9	11.9		
c. Nasopharyngeal	0	0	0	0	2	0	2	-	0.5	-	2.0	0	0	0	0	1	0	1	-	0.2		
d. Melanoma	1	1	1	2	21	5	26	1.6	6.1	0.6	0.8	0	1	2	6	23	9	32	2.8	7.9		
e. Skin carcinoma	0	0	0	0	1	0	1	-	0.2	0.0	1.0	0	0	0	1	0	1	1	0.3	0.2		
f. Other & unspecified	1	0	0	8	10	9	19	2.6	4.4	2.3	1.3	0	0	2	2	11	4	15	1.3	3.7		
XII OTHER & UNSPECIFIED	0	0	0	1	0	1	1	0.3	0.2	1.0	0.3	1	0	0	0	2	1	3	0.4	0.8		
a. Other specified	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	1	1	2	0.4	0.5		
b. Other unspecified	0	0	0	1	0	1	1	0.3	0.2	-	1.0	0	0	0	0	1	0	1	-	0.2		
TOTAL	67	204	149	128	239	548	787	181.9	196.7	1.3	1.3	50	154	115	106	199	425	624	147.6	163.7		

Please consult the quality indicators for this registry

USA, California, San Francisco, NH White (1993-2012)

	Age group	Males	Females
Person-years	0	215 167	203 956
	1-4	848 774	809 186
	5-9	1 016 980	968 308
	10-14	1 031 428	982 509
	15-19	965 622	907 902
Total	0-14	3 112 349	2 963 959
	0-19	4 077 971	3 871 861
Average annual population	0-14	155 617	148 198
	0-19	203 899	193 593

Please consult the quality indicators for this registry