

America, North

USA, California, API (1998-2012)

	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	20	178	93	74	84	365	449	53.5	48.6	1.3	1.3	23	127	82	57	46	289	335	44.5	38.6		
a. Lymphoid	10	141	81	48	43	280	323	41.2	35.6	1.4	1.4	10	107	56	33	18	206	224	32.1	26.5		
b. Acute myeloid	9	27	9	18	17	63	80	9.2	8.6	1.1	1.0	10	15	19	16	19	60	79	9.0	8.7		
c. CMD	1	0	1	7	19	9	28	1.1	2.5	0.8	1.6	0	2	3	7	5	12	17	1.6	1.7		
d. MDS & other	0	7	2	1	2	10	12	1.5	1.4	1.3	1.1	3	3	2	0	3	8	11	1.3	1.3		
e. Unspecified	0	3	0	0	3	3	6	0.5	0.6	1.0	1.5	0	0	2	1	1	3	4	0.4	0.4		
II LYMPHOMA & RELATED	2	31	41	58	98	132	230	17.7	22.1	1.7	1.5	7	14	23	34	76	78	154	11.1	15.5		
a. Hodgkin	0	3	8	24	54	35	89	4.4	8.0	2.2	1.7	0	1	3	12	36	16	52	2.1	4.9		
b. Non-Hodgkin except BL	1	16	17	24	31	58	89	7.9	8.7	1.7	1.3	0	5	13	17	34	35	69	4.8	6.8		
c. Burkitt (BL)	0	5	13	10	10	28	38	3.7	3.8	4.0	4.2	0	2	2	3	2	7	9	1.0	1.0		
d. Lymphoreticular	1	7	3	0	2	11	13	1.7	1.5	0.6	0.7	7	5	4	1	2	17	19	2.8	2.3		
e. Unspecified	0	0	0	0	1	0	1	-	0.1	0.0	0.2	0	1	1	1	2	3	5	0.4	0.5		
III CNS NEOPLASMS †	10	73	62	44	65	189	254	27.0	26.5	1.3	1.2	12	47	53	37	66	149	215	22.2	23.2		
a. Ependymoma	2	6	8	4	4	20	24	2.9	2.6	1.4	1.3	2	4	6	2	4	14	18	2.1	2.0		
b. Astrocytoma	2	30	20	14	27	66	93	9.6	9.7	1.2	1.3	5	17	16	15	18	53	71	7.9	7.8		
c. CNS embryonal	6	18	14	6	5	44	49	6.5	5.5	1.3	1.1	3	15	8	8	11	34	45	5.2	5.0		
d. Other gliomas	0	8	13	8	5	29	34	4.0	3.5	1.0	1.0	1	5	18	6	5	30	35	4.3	3.8		
e. Other specified	0	9	7	12	24	28	52	3.8	5.0	1.8	1.2	0	5	5	6	28	16	44	2.3	4.3		
f. Unspecified CNS	0	2	0	0	0	2	2	0.3	0.3	1.0	1.0	1	1	0	0	0	2	2	0.3	0.3		
IV NEUROBLASTOMA	19	25	5	0	2	49	51	7.9	6.3	0.8	0.9	19	31	8	0	0	58	58	9.7	7.5		
a. (Ganglio)neuroblastoma	19	25	5	0	0	49	49	7.9	6.1	0.8	0.8	19	31	8	0	0	58	58	9.7	7.5		
b. Peripheral nervous	0	0	0	0	2	0	2	-	0.2	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	13	17	2	0	0	32	32	5.2	4.0	1.2	1.2	9	16	1	0	0	26	26	4.4	3.4		
VI RENAL TUMOURS	5	16	2	1	4	24	28	3.8	3.3	0.9	1.0	4	18	4	1	1	27	28	4.5	3.6		
a. Nephroblastoma	5	16	2	1	0	24	24	3.8	3.0	1.0	1.0	4	17	3	1	0	25	25	4.2	3.2		
b. Renal carcinoma	0	0	0	0	4	0	4	-	0.3	0.0	2.0	0	0	1	0	1	1	2	0.1	0.2		
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	0	0	1	1	0.2	0.1		
VII HEPATIC TUMOURS	6	20	3	5	9	34	43	5.2	4.8	1.6	1.8	3	11	3	4	3	21	24	3.3	2.8		
a. Hepatoblastoma	6	20	2	2	1	30	31	4.7	3.8	1.9	1.9	1	11	3	1	0	16	16	2.6	2.0		
b. Hepatic carcinoma	0	0	1	3	8	4	12	0.5	1.1	0.8	1.5	2	0	0	3	3	5	8	0.7	0.8		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	7	9	20	38	36	74	4.7	6.9	0.9	1.2	0	3	12	24	22	39	61	5.2	6.0		
a. Osteosarcoma	0	1	6	14	25	21	46	2.6	4.2	0.7	1.0	0	0	11	20	14	31	45	4.0	4.4		
b. Chondrosarcoma	0	0	0	1	1	1	2	0.1	0.2	1.0	2.0	0	0	0	1	0	1	1	0.1	0.1		
c. Ewing & related	0	5	0	5	8	10	18	1.4	1.8	1.7	1.5	0	3	1	2	6	6	12	0.9	1.2		
d. Other specified	0	1	3	0	4	4	8	0.6	0.8	4.0	4.0	0	0	0	1	1	1	2	0.1	0.2		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.1		
IX SOFT TISSUE SARCOMA	8	19	19	17	37	63	100	8.9	10.1	1.9	1.6	5	8	6	15	27	34	61	4.9	6.3		
a. Rhabdomyosarcoma	7	11	12	5	9	35	44	5.1	4.8	1.8	1.8	3	5	4	7	6	19	25	2.8	2.7		
b. Fibrosarcoma	0	4	3	2	5	9	14	1.3	1.4	1.5	1.8	2	1	0	3	2	6	8	0.9	0.9		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	3	2	8	18	13	31	1.7	2.9	2.2	1.5	0	2	1	3	15	6	21	0.9	2.0		
e. Unspecified	1	1	2	2	5	6	11	0.8	1.1	2.0	1.6	0	0	1	2	4	3	7	0.4	0.7		
X GERM CELL TUMOURS	12	14	4	23	75	53	128	7.4	12.2	0.9	1.2	11	4	13	29	48	57	105	8.0	10.5		
a. CNS germ cell ‡	0	1	4	18	31	23	54	2.8	4.8	1.5	2.6	1	0	5	9	6	15	21	2.0	2.1		
b. Other extragonadal	6	2	0	2	15	10	25	1.5	2.5	0.7	1.5	10	4	0	0	3	14	17	2.4	2.1		
c. Gonadal germ cell	6	11	0	3	29	20	49	3.1	4.9	0.8	0.9	0	0	8	17	28	25	53	3.2	5.0		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	2	9	2	11	0.2	1.0		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	2	1	3	0.1	0.3		
XI CARCINOMA & MELANOMA	0	3	5	11	53	19	72	2.4	6.4	0.4	0.4	2	4	8	34	126	48	174	6.3	16.3		
a. Adrenocortical	0	2	0	0	1	2	3	0.3	0.3	2.0	3.0	0	1	0	0	0	1	1	0.2	0.1		
b. Thyroid	0	0	0	2	13	2	15	0.2	1.3	0.1	0.1	0	0	5	24	91	29	120	3.7	11.1		
c. Nasopharyngeal	0	0	0	2	7	2	9	0.2	0.8	-	3.0	0	0	0	0	3	0	3	-	0.3		
d. Melanoma	0	1	2	4	4	7	11	0.9	1.0	0.8	0.8	1	3	2	3	5	9	14	1.3	1.5		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	0	1	1	0.2	0.1		
f. Other & unspecified	0	0	3	3	28	6	34	0.8	3.0	0.8	1.0	0	0	1	7	27	8	35	1.0	3.2		
XII OTHER & UNSPECIFIED	0	0	0	0	1	0	1	-	0.1	0.0	0.2	1	2	0	0	2	3	5	0.5	0.6		
a. Other specified	0	0	0	0	1	0	1	-	0.1	0.0	0.3	1	2	0	0	1	3	4	0.5	0.5		
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.1		
TOTAL	95	403	245	253	466	996	1462	143.7	151.4	1.2	1.2	96	285	213	235	417	829	1246	124.7	134.4		

† includes 57 non-malignant in males and 54 non-malignant in females ‡ includes 1 non-malignant in males and 1 non-malignant in females

Please consult the quality indicators for this registry

USA, California, API (1998-2012)

	Age group	Males	Females
Person-years	0	470 576	441 566
	1-4	1 904 450	1 810 628
	5-9	2 375 794	2 266 560
	10-14	2 506 257	2 362 367
	15-19	2 623 345	2 483 550
Total	0-14	7 257 077	6 881 121
	0-19	9 880 422	9 364 671
Average annual population	0-14	483 805	458 741
	0-19	658 695	624 311

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