

## USA, Washington, Seattle, API (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>	5	39	20	16	17	80	97	33.8	100.0	28.9	100.0	43.6	86.3	37.3	29.0	29.3	50.5	45.8	720	867	100.0	0.0	
a. Lymphoid	3	33	17	9	7	62	69	26.2	77.5	20.5	71.1	26.2	73.0	31.7	16.3	12.1	39.6	33.4	558	618	100.0	0.0	
b. Acute myeloid	2	4	3	6	4	15	19	6.3	18.8	5.7	19.6	17.5	8.9	5.6	10.9	6.9	9.1	8.6	135	170	100.0	0.0	
c. CMD	0	1	0	1	4	2	6	0.8	2.5	1.8	6.2	-	2.2	-	1.8	6.9	1.2	2.5	18	52	100.0	0.0	
d. MDS & other	0	1	0	0	2	1	3	0.4	1.3	0.9	3.1	-	2.2	-	-	3.4	0.7	1.3	9	26	100.0	0.0	
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>II LYMPHOMA &amp; RELATED</b>	0	9	7	13	24	29	53	12.2	100.0	15.8	100.0	-	19.9	13.1	23.6	41.4	17.2	22.7	263	470	100.0	0.0	
a. Hodgkin	0	1	1	2	13	4	17	1.7	13.8	5.1	32.1	-	2.2	1.9	3.6	22.4	2.3	6.9	36	148	100.0	0.0	
b. Non-Hodgkin except BL	0	5	4	8	8	17	25	7.2	58.6	7.4	47.2	-	11.1	7.5	14.5	13.8	10.0	10.9	154	223	100.0	0.0	
c. Burkitt (BL)	0	3	1	1	1	5	6	2.1	17.2	1.8	11.3	-	6.6	1.9	1.8	1.7	3.2	2.9	45	54	100.0	0.0	
d. Lymphoreticular	0	0	1	2	0	3	3	1.3	10.3	0.9	5.7	-	-	1.9	3.6	-	1.7	1.3	27	27	100.0	0.0	
e. Unspecified	0	0	0	0	2	0	2	-	-	0.6	3.8	-	-	-	-	3.4	-	0.8	-	17	100.0	0.0	
<b>III CNS NEOPLASMS</b>	1	16	18	13	9	48	57	20.3	100.0	17.0	100.0	8.7	35.4	33.6	23.6	15.5	29.3	26.2	436	514	71.9	0.0	
a. Ependymoma	0	1	2	0	2	3	5	1.3	6.3	1.5	8.8	-	2.2	3.7	-	3.4	1.9	2.2	27	45	100.0	0.0	
b. Astrocytoma	1	9	6	7	4	23	27	9.7	47.9	8.0	47.4	8.7	19.9	11.2	12.7	6.9	14.1	12.5	208	242	77.8	0.0	
c. CNS embryonal	0	3	7	0	0	10	10	4.2	20.8	3.0	17.5	-	6.6	13.1	-	-	6.3	4.9	92	92	100.0	0.0	
d. Other gliomas	0	3	3	5	3	11	14	4.6	22.9	4.2	24.6	-	6.6	5.6	9.1	5.2	6.5	6.2	100	126	28.6	0.0	
e. Other specified	0	0	0	1	0	1	1	0.4	2.1	0.3	1.8	-	-	-	1.8	-	0.5	0.4	9	9	100.0	0.0	
f. Unspecified CNS	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>IV NEUROBLASTOMA</b>	5	11	3	0	0	19	19	8.0	100.0	5.7	100.0	43.6	24.3	5.6	-	-	12.7	9.9	169	169	100.0	0.0	
a. (Ganglio)neuroblastoma	5	11	3	0	0	19	19	8.0	100.0	5.7	100.0	43.6	24.3	5.6	-	-	12.7	9.9	169	169	100.0	0.0	
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>V RETINOBLASTOMA</b>	1	3	0	0	0	4	4	1.7	100.0	1.2	100.0	8.7	6.6	-	-	-	2.7	2.1	35	35	75.0	0.0	
<b>VI RENAL TUMOURS</b>	1	4	0	0	0	5	5	2.1	100.0	1.5	100.0	8.7	8.9	-	-	-	3.4	2.6	44	44	100.0	0.0	
a. Nephroblastoma	1	4	0	0	0	5	5	2.1	100.0	1.5	100.0	8.7	8.9	-	-	-	3.4	2.6	44	44	100.0	0.0	
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>VII HEPATIC TUMOURS</b>	3	4	1	2	2	10	12	4.2	100.0	3.6	100.0	26.2	8.9	1.9	3.6	3.4	6.4	5.8	89	107	100.0	0.0	
a. Hepatoblastoma	3	4	1	0	0	8	8	3.4	80.0	2.4	66.7	26.2	8.9	1.9	-	-	5.4	4.2	71	71	100.0	0.0	
b. Hepatic carcinoma	0	0	0	2	2	4	4	0.8	20.0	1.2	33.3	-	-	-	3.6	3.4	1.1	1.6	18	35	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>VIII BONE TUMOURS</b>	0	0	0	6	7	6	13	2.5	100.0	3.9	100.0	-	-	-	10.9	12.1	3.2	5.2	54	115	100.0	0.0	
a. Osteosarcoma	0	0	0	6	2	6	8	2.5	100.0	2.4	61.5	-	-	-	10.9	3.4	3.2	3.2	54	72	100.0	0.0	
b. Chondrosarcoma	0	0	0	0	1	0	1	-	-	0.3	7.7	-	-	-	-	1.7	-	0.4	-	9	9	100.0	0.0
c. Ewing & related	0	0	0	0	3	0	3	-	-	0.9	23.1	-	-	-	-	5.2	-	1.2	-	26	26	100.0	0.0
d. Other specified	0	0	0	0	1	0	1	-	-	0.3	7.7	-	-	-	-	1.7	-	0.4	-	9	9	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>IX SOFT TISSUE SARCOMA</b>	2	4	3	8	13	17	30	7.2	100.0	8.9	100.0	17.5	8.9	5.6	14.5	22.4	10.1	12.9	154	266	100.0	0.0	
a. Rhabdomyosarcoma	0	4	1	2	2	7	9	3.0	41.2	2.7	30.0	-	8.9	1.9	3.6	3.4	4.4	4.2	63	80	100.0	0.0	
b. Fibrosarcoma	1	0	0	0	0	1	1	0.4	5.9	0.3	3.3	8.7	-	-	-	-	0.7	0.5	9	9	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Other specified	1	0	2	5	10	8	18	3.4	47.1	5.4	60.0	8.7	-	3.7	9.1	17.2	4.5	7.4	73	159	100.0	0.0	
e. Unspecified	0	0	0	1	1	1	2	0.4	5.9	0.6	6.7	-	-	-	1.8	1.7	0.5	0.8	9	18	100.0	0.0	
<b>X GERM CELL TUMOURS</b>	3	2	2	6	9	13	22	5.5	100.0	6.5	100.0	26.2	4.4	3.7	10.9	15.5	7.8	9.5	117	195	100.0	0.0	
a. CNS germ cell	1	0	2	3	0	6	6	2.5	46.2	1.8	27.3	8.7	-	3.7	5.4	-	3.5	2.7	55	55	100.0	0.0	
b. Other extragonadal	2	1	0	0	1	3	4	1.3	23.1	1.2	18.2	17.5	2.2	-	-	1.7	2.1	2.0	26	35	100.0	0.0	
c. Gonadal germ cell	0	1	0	3	8	4	12	1.7	30.8	3.6	54.5	-	2.2	-	5.4	13.8	2.3	4.9	36	105	100.0	0.0	
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>XI CARCINOMA &amp; MELANOMA</b>	0	0	1	5	18	6	24	2.5	100.0	7.1	100.0	-	-	1.9	9.1	31.0	3.2	9.5	55	210	100.0	0.0	
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Thyroid	0	0	0	2	17	2	19	0.8	33.3	5.7	79.2	-	-	-	3.6	29.3	1.1	7.4	18	165	100.0	0.0	
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
d. Melanoma	0	0	1	2	0	3	3	1.3	50.0	0.9	12.5	-	-	1.9	3.6	-	1.7	1.3	27	27	100.0	0.0	
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
f. Other & unspecified	0	0	0	1	1	1	2	0.4	16.7	0.6	8.3	-	-	-	1.8	1.7	0.5	0.8	9	18	100.0	0.0	
<b>XII OTHER &amp; UNSPECIFIED</b>	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>TOTAL</b>	21	92	55	69	99	237	336	100.0	100.0	100.0	100.0	183.2	203.6	102.7	125.2	170.7	146.7	152.1	2137	2990	94.9	0.0	

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## USA, Washington, Seattle, API (1993-2012)

	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		
<b>I LEUKAEMIA</b>	5	21	14	10	11	50	61	62.1	56.5	1.7	1.7	0	18	6	6	6	30	36	38.7	34.7		
a. Lymphoid	3	17	12	4	6	36	42	45.4	39.7	1.4	1.6	0	16	5	5	1	26	27	33.6	26.9		
b. Acute myeloid	2	3	2	5	2	12	14	14.3	12.6	4.0	2.8	0	1	1	1	2	3	5	3.7	4.4		
c. CMD	0	0	0	1	3	1	4	1.0	3.1	1.0	2.0	0	1	0	0	1	1	2	1.4	1.9		
d. MDS & other	0	1	0	0	0	1	1	1.3	1.0	-	0.5	0	0	0	0	2	0	2	-	1.6		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>II LYMPHOMA &amp; RELATED</b>	0	6	4	10	11	20	31	23.2	26.4	2.2	1.4	0	3	3	3	13	9	22	11.0	18.8		
a. Hodgkin	0	1	1	2	6	4	10	4.6	8.2	-	1.4	0	0	0	0	7	0	7	-	5.5		
b. Non-Hodgkin except BL	0	2	1	5	4	8	12	9.1	10.1	0.9	0.9	0	3	3	3	4	9	13	11.0	11.7		
c. Burkitt (BL)	0	3	1	1	0	5	5	6.3	4.9	-	5.0	0	0	0	0	1	0	1	-	0.8		
d. Lymphoreticular	0	0	1	2	0	3	3	3.3	2.5	0	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	1	0	1	-	0.8	-	1.0	0	0	0	0	1	0	1	-	0.8		
<b>III CNS NEOPLASMS</b>	0	9	10	5	4	24	28	29.2	25.7	1.0	1.0	1	7	8	8	5	24	29	29.4	26.7		
a. Ependymoma	0	0	1	0	1	1	2	1.2	1.7	0.5	0.7	0	1	1	0	1	2	3	2.6	2.8		
b. Astrocytoma	0	5	1	2	2	8	10	10.0	9.3	0.5	0.6	1	4	5	5	2	15	17	18.4	15.8		
c. CNS embryonal	0	3	5	0	0	8	8	10.0	7.7	4.0	4.0	0	0	2	0	0	2	2	2.4	1.9		
d. Other gliomas	0	1	3	2	1	6	7	7.0	6.2	1.2	1.0	0	2	0	3	2	5	7	6.0	6.2		
e. Other specified	0	0	0	1	0	1	1	1.0	0.8	-	-	0	0	0	0	0	0	0	-	-		
f. Unspecified CNS	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>IV NEUROBLASTOMA</b>	2	6	1	0	0	9	9	12.0	9.3	0.9	0.9	3	5	2	0	0	10	10	13.5	10.5		
a. (Ganglio)neuroblastoma	2	6	1	0	0	9	9	12.0	9.3	0.9	0.9	3	5	2	0	0	10	10	13.5	10.5		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>V RETINOBLASTOMA</b>	0	1	0	0	0	1	1	1.3	1.0	0.3	0.3	1	2	0	0	0	3	3	4.2	3.2		
<b>VI RENAL TUMOURS</b>	0	0	0	0	0	0	0	-	-	0.0	0.0	1	4	0	0	0	5	5	6.9	5.4		
a. Nephroblastoma	0	0	0	0	0	0	0	-	-	0.0	0.0	1	4	0	0	0	5	5	6.9	5.4		
b. Renal carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VII HEPATIC TUMOURS</b>	1	3	0	2	0	6	6	7.5	5.8	1.5	1.0	2	1	1	0	2	4	6	5.4	5.7		
a. Hepatoblastoma	1	3	0	0	0	4	4	5.4	4.2	1.0	1.0	2	1	1	0	0	4	4	5.4	4.2		
b. Hepatic carcinoma	0	0	0	2	0	2	2	2.1	1.6	-	1.0	0	0	0	0	2	0	2	-	1.6		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>VIII BONE TUMOURS</b>	0	0	0	3	5	3	8	3.1	6.2	1.0	1.6	0	0	0	3	2	3	5	3.2	4.1		
a. Osteosarcoma	0	0	0	3	1	3	4	3.1	3.2	1.0	1.0	0	0	0	3	1	3	4	3.2	3.3		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	1	0	1	-	0.8		
c. Ewing & related	0	0	0	0	3	0	3	-	2.3	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	0	0	0	1	0	1	-	0.8	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>IX SOFT TISSUE SARCOMA</b>	1	4	2	0	7	7	14	9.1	12.4	0.7	0.9	1	0	1	8	6	10	16	11.1	13.4		
a. Rhabdomyosarcoma	0	4	1	0	1	5	6	6.6	5.9	2.5	2.0	0	0	0	2	1	2	3	2.1	2.4		
b. Fibrosarcoma	1	0	0	0	0	1	1	1.3	1.0	-	-	0	0	0	0	0	0	0	-	-		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	0	1	0	6	1	7	1.2	5.5	0.1	0.6	1	0	1	5	4	7	11	7.9	9.3		
e. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	1	1	2	1.1	1.6		
<b>X GERM CELL TUMOURS</b>	0	2	1	1	3	4	7	4.9	6.1	0.4	0.5	3	0	1	5	6	9	15	10.7	13.0		
a. CNS germ cell	0	0	1	1	0	2	2	2.2	1.7	0.5	0.5	1	0	1	2	0	4	4	4.7	3.7		
b. Other extragonadal	0	1	0	0	1	1	2	1.3	1.8	0.5	1.0	2	0	0	0	0	2	2	2.8	2.2		
c. Gonadal germ cell	0	1	0	0	2	1	3	1.3	2.6	0.3	0.3	0	0	0	3	6	3	9	3.2	7.2		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified gonadal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>XI CARCINOMA &amp; MELANOMA</b>	0	0	1	1	2	2	4	2.2	3.3	0.5	0.2	0	0	0	4	16	4	20	4.3	15.9		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	0	0	1	0	1	-	0.8	0.0	0.1	0	0	0	2	16	2	18	2.1	14.2		
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	0	1	1	0	2	2	2.2	1.7	2.0	2.0	0	0	0	1	0	1	1	1.1	0.8		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	0	0	1	0	1	-	0.8	0.0	1.0	0	0	0	1	0	1	1	1.1	0.8		
<b>XII OTHER &amp; UNSPECIFIED</b>	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
<b>TOTAL</b>	9	52	33	32	43	126	169	154.7	152.8	1.1	1.0	12	40	22	37	56	111	167	138.5	151.4		

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	Age group	Males	Females
Person-years	0	58 392	56 221
	1-4	229 105	222 697
	5-9	271 519	264 248
	10-14	278 700	272 413
	15-19	293 932	285 900
Total	0-14	837 716	815 579
	0-19	1 131 648	1 101 479
Average annual population	0-14	41 886	40 779
	0-19	56 582	55 074

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