

## USA, Colorado (1998-2012)

	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
<b>I LEUKAEMIA</b>	37	349	176	141	158	703	861	31.9	100.0	25.7	100.0	37.7	89.9	36.6	29.1	32.2	51.0	46.8	726	887	96.4	0.9
a. Lymphoid	19	303	160	95	83	577	660	26.2	82.1	19.7	76.7	19.4	78.1	33.3	19.6	16.9	42.1	36.4	596	680	98.3	0.3
b. Acute myeloid	11	32	11	34	52	88	140	4.0	12.5	4.2	16.3	11.2	8.2	2.3	7.0	10.6	6.2	7.2	91	144	97.9	0.0
c. CMD	1	5	3	9	16	18	34	0.8	2.6	1.0	3.9	1.0	1.3	0.6	1.9	3.3	1.2	1.7	19	35	73.5	5.9
d. MDS & other	4	5	2	0	3	11	14	0.5	1.6	0.4	1.6	4.1	1.3	0.4	-	0.6	0.9	0.8	11	14	92.9	0.0
e. Unspecified	2	4	0	3	4	9	13	0.4	1.3	0.4	1.5	2.0	1.0	-	0.6	0.8	0.7	0.7	9	13	46.2	30.8
<b>II LYMPHOMA &amp; RELATED</b>	8	37	83	115	250	243	493	11.0	100.0	14.7	100.0	8.2	9.5	17.3	23.7	51.0	16.0	23.9	251	506	98.2	0.6
a. Hodgkin	0	3	23	57	155	83	238	3.8	34.2	7.1	48.3	-	0.8	4.8	11.7	31.6	5.2	11.1	86	244	99.2	0.0
b. Non-Hodgkin except BL	3	16	34	39	77	92	169	4.2	37.9	5.0	34.3	3.1	4.1	7.1	8.0	15.7	6.1	8.3	95	174	97.6	1.2
c. Burkitt (BL)	0	7	19	10	15	36	51	1.6	14.8	1.5	10.3	-	1.8	4.0	2.1	3.1	2.4	2.6	37	53	98.0	0.0
d. Lymphoreticular	4	11	5	9	1	29	30	1.3	11.9	0.9	6.1	4.1	2.8	1.0	1.9	0.2	2.1	1.6	30	31	96.7	0.0
e. Unspecified	1	0	2	0	2	3	5	0.1	1.2	0.1	1.0	1.0	-	0.4	-	0.4	0.2	0.3	3	5	80.0	20.0
<b>III CNS NEOPLASMS †</b>	40	161	160	127	179	488	667	22.2	100.0	19.9	100.0	40.8	41.5	33.3	26.2	36.5	34.3	34.8	504	687	74.8	0.6
a. Ependymoma	9	28	14	6	12	57	69	2.6	11.7	2.1	10.3	9.2	7.2	2.9	1.2	2.4	4.2	3.8	59	71	97.1	0.0
b. Astrocytoma	14	55	80	50	52	199	251	9.0	40.8	7.5	37.6	14.3	14.2	16.7	10.3	10.6	13.9	13.1	206	259	86.1	0.0
c. CNS embryonal	9	43	27	20	18	99	117	4.5	20.3	3.5	17.5	9.2	11.1	5.6	4.1	3.7	7.2	6.4	102	121	100.0	0.0
d. Other gliomas	1	19	17	22	17	59	76	2.7	12.1	2.3	11.4	1.0	4.9	3.5	4.5	3.5	4.1	3.9	61	78	34.2	0.0
e. Other specified	5	14	17	23	78	59	137	2.7	12.1	4.1	20.5	5.1	3.6	3.5	4.7	15.9	4.0	6.7	61	140	49.6	0.0
f. Unspecified CNS	2	2	5	6	2	15	17	0.7	3.1	0.5	2.5	2.0	0.5	1.0	1.2	0.4	1.0	0.9	16	18	29.4	23.5
<b>IV NEUROBLASTOMA</b>	54	73	15	4	6	146	152	6.6	100.0	4.5	100.0	55.1	18.8	3.1	0.8	1.2	11.4	9.1	150	156	98.7	0.0
a. (Ganglio)neuroblastoma	54	73	15	4	3	146	149	6.6	100.0	4.4	98.0	55.1	18.8	3.1	0.8	0.6	11.4	8.9	150	153	98.7	0.0
b. Peripheral nervous	0	0	0	0	3	0	3	-	-	0.1	2.0	-	-	-	-	0.6	-	0.1	-	3	100.0	0.0
<b>V RETINOBLASTOMA</b>	23	33	3	0	1	59	60	2.7	100.0	1.8	100.0	23.5	8.5	0.6	-	0.2	4.7	3.7	61	62	75.0	0.0
<b>VI RENAL TUMOURS</b>	23	68	15	8	6	114	120	5.2	100.0	3.6	100.0	23.5	17.5	3.1	1.6	1.2	8.7	7.0	117	124	97.5	0.8
a. Nephroblastoma	22	68	13	4	1	107	108	4.9	93.9	3.2	90.0	22.4	17.5	2.7	0.8	0.2	8.3	6.5	110	111	99.1	0.0
b. Renal carcinoma	0	0	2	3	5	5	10	0.2	4.4	0.3	8.3	-	-	0.4	0.6	1.0	0.3	0.5	5	10	100.0	0.0
c. Unspecified	1	0	0	1	0	2	2	0.1	1.8	0.1	1.7	1.0	-	-	0.2	-	0.1	0.1	2	2	0.0	50.0
<b>VII HEPATIC TUMOURS</b>	9	25	5	4	6	43	49	2.0	100.0	1.5	100.0	9.2	6.4	1.0	0.8	1.2	3.3	2.8	44	50	100.0	0.0
a. Hepatoblastoma	9	24	2	2	0	37	37	1.7	86.0	1.1	75.5	9.2	6.2	0.4	0.4	-	2.9	2.2	38	38	100.0	0.0
b. Hepatic carcinoma	0	1	3	2	6	6	12	0.3	14.0	0.4	24.5	-	0.3	0.6	0.4	1.2	0.4	0.6	6	12	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>VIII BONE TUMOURS</b>	0	8	32	76	89	116	205	5.3	100.0	6.1	100.0	-	2.1	6.7	15.7	18.1	7.3	9.8	120	211	98.5	1.0
a. Osteosarcoma	0	2	19	43	47	64	111	2.9	55.2	3.3	54.1	-	0.5	4.0	8.9	9.6	4.0	5.3	66	114	100.0	0.0
b. Chondrosarcoma	0	0	0	2	8	2	10	0.1	1.7	0.3	4.9	-	-	-	0.4	1.6	0.1	0.5	2	10	100.0	0.0
c. Ewing & related	0	6	10	25	30	41	71	1.9	35.3	2.1	34.6	-	1.5	2.1	5.2	6.1	2.6	3.4	42	73	98.6	0.0
d. Other specified	0	0	2	3	4	5	9	0.2	4.3	0.3	4.4	-	-	0.4	0.6	0.8	0.3	0.4	5	9	100.0	0.0
e. Unspecified	0	0	1	3	0	4	4	0.2	3.4	0.1	2.0	-	-	0.2	0.6	-	0.2	0.2	4	4	50.0	50.0
<b>IX SOFT TISSUE SARCOMA</b>	12	33	23	62	77	130	207	5.9	100.0	6.2	100.0	12.2	8.5	4.8	12.8	15.7	8.8	10.4	134	213	98.1	0.0
a. Rhabdomyosarcoma	4	22	9	22	18	57	75	2.6	43.8	2.2	36.2	4.1	5.7	1.9	4.5	3.7	4.0	3.9	59	77	100.0	0.0
b. Fibrosarcoma	3	3	5	9	9	20	29	0.9	15.4	0.9	14.0	3.1	0.8	1.0	1.9	1.8	1.4	1.5	21	30	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	4	7	8	26	42	45	87	2.0	34.6	2.6	42.0	4.1	1.8	1.7	5.4	8.6	3.0	4.2	46	89	98.9	0.0
e. Unspecified	1	1	1	5	8	8	16	0.4	6.2	0.5	7.7	1.0	0.3	0.2	1.0	1.6	0.5	0.8	8	16	81.3	0.0
<b>X GERM CELL TUMOURS</b>	14	8	8	39	139	69	208	3.1	100.0	6.2	100.0	14.3	2.1	1.7	8.0	28.3	4.6	10.0	71	213	94.7	0.5
a. CNS germ cell ‡	4	2	6	23	12	35	47	1.6	50.7	1.4	22.6	4.1	0.5	1.2	4.7	2.4	2.3	2.3	36	48	80.9	0.0
b. Other extragonadal	6	3	1	1	10	11	21	0.5	15.9	0.6	10.1	6.1	0.8	0.2	0.2	2.0	0.8	1.1	11	22	95.2	0.0
c. Gonadal germ cell	4	3	1	13	110	21	131	1.0	30.4	3.9	63.0	4.1	0.8	0.2	2.7	22.4	1.4	6.1	22	134	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	2	0	2	-	-	0.1	1.0	-	-	-	-	0.4	-	0.1	-	2	100.0	0.0
e. Unspecified gonadal	0	0	0	2	5	2	7	0.1	2.9	0.2	3.4	-	-	-	0.4	1.0	0.1	0.3	2	7	85.7	14.3
<b>XI CARCINOMA &amp; MELANOMA</b>	3	4	14	58	240	79	319	3.6	100.0	9.5	100.0	3.1	1.0	2.9	12.0	48.9	5.0	14.9	82	326	99.7	0.0
a. Adrenocortical	1	3	1	0	1	5	6	0.2	6.3	0.2	1.9	1.0	0.8	0.2	-	0.2	0.4	0.3	5	6	100.0	0.0
b. Thyroid	0	0	6	28	85	34	119	1.5	43.0	3.5	37.3	-	-	1.2	5.8	17.3	2.1	5.5	35	122	100.0	0.0
c. Nasopharyngeal	0	0	0	2	6	2	8	0.1	2.5	0.2	2.5	-	-	-	0.4	1.2	0.1	0.4	2	8	100.0	0.0
d. Melanoma	1	0	2	16	95	19	114	0.9	24.1	3.4	35.7	1.0	-	0.4	3.3	19.4	1.2	5.3	20	116	99.1	0.0
e. Skin carcinoma	0	0	0	0	2	0	2	-	-	0.1	0.6	-	-	-	-	0.4	-	0.1	-	2	100.0	0.0
f. Other & unspecified	1	1	5	12	51	19	70	0.9	24.1	2.1	21.9	1.0	0.3	1.0	2.5	10.4	1.2	3.3	20	72	100.0	0.0
<b>XII OTHER &amp; UNSPECIFIED</b>	1	4	3	3	4	11	15	0.5	100.0	0.4	100.0	1.0	1.0	0.6	0.6	0.8	0.8	0.8	11	15	93.3	6.7
a. Other specified	1	4	1	3	3	9	12	0.4	81.8	0.4	80.0	1.0	1.0	0.2	0.6	0.6	0.6	0.6	9	12	100.0	0.0
b. Other unspecified	0	0	2	0	1	2	3	0.1	18.2	0.1	20.0	-	-	0.4	-	0.2	0.1	0.1	2	3	66.7	33.3
<b>TOTAL</b>	224	803	537	637	1155	2201	3356	100.0	100.0	100.0	100.0	228.5	206.9	111.8	131.3	235.4	156.0	173.8	2272	3449	92.6	0.6

† includes 156 non-malignant ‡ includes 3 non-malignant

Please consult the quality indicators for this registry

## USA, Colorado (1998-2012)

	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>	19	192	103	84	105	398	503	56.1	52.8	1.3	1.4	18	157	73	57	53	305	358	45.6	40.4				
a. Lymphoid	6	165	95	60	60	326	386	46.1	41.0	1.3	1.4	13	138	65	35	23	251	274	37.9	31.6				
b. Acute myeloid	8	20	7	16	31	51	82	7.1	8.3	1.4	1.4	3	12	4	18	21	37	58	5.2	6.0				
c. CMD	0	4	0	8	9	12	21	1.6	2.0	2.0	1.6	1	1	3	1	7	6	13	0.9	1.3				
d. MDS & other	3	0	1	0	2	4	6	0.6	0.6	0.6	0.8	1	5	1	0	1	7	8	1.1	1.0				
e. Unspecified	2	3	0	0	3	5	8	0.8	0.9	1.3	1.6	0	1	0	3	1	4	5	0.5	0.5				
<b>II LYMPHOMA &amp; RELATED</b>	3	26	65	71	145	165	310	21.3	29.3	2.1	1.7	5	11	18	44	105	78	183	10.5	18.2				
a. Hodgkin	0	2	19	36	83	57	140	7.0	12.8	2.2	1.4	0	1	4	21	72	26	98	3.3	9.4				
b. Non-Hodgkin except BL	1	14	23	22	48	60	108	7.9	10.4	1.9	1.8	2	2	11	17	29	32	61	4.3	6.1				
c. Burkitt (BL)	0	6	18	9	12	33	45	4.3	4.4	11.0	7.5	0	1	1	1	3	3	6	0.4	0.6				
d. Lymphoreticular	2	4	4	4	1	14	15	1.9	1.6	0.9	1.0	2	7	1	5	0	15	15	2.2	1.7				
e. Unspecified	0	0	1	0	1	1	2	0.1	0.2	0.5	0.7	1	0	1	0	1	2	3	0.3	0.3				
<b>III CNS NEOPLASMS †</b>	14	95	87	55	77	251	328	34.8	33.8	1.1	1.0	26	66	73	72	102	237	339	33.9	36.0				
a. Ependymoma	5	20	7	4	3	36	39	5.3	4.4	1.7	1.3	4	8	7	2	9	21	30	3.2	3.3				
b. Astrocytoma	7	25	43	21	33	96	129	13.1	13.0	0.9	1.1	7	30	37	29	19	103	122	14.7	13.2				
c. CNS embryonal	2	27	18	12	15	59	74	8.3	7.7	1.5	1.7	7	16	9	8	3	40	43	6.0	4.9				
d. Other gliomas	0	13	8	8	8	29	37	4.0	3.8	1.0	0.9	1	6	9	14	9	30	39	4.1	4.0				
e. Other specified	0	10	8	8	17	26	43	3.5	4.2	0.8	0.5	5	4	9	15	61	33	94	4.5	9.4				
f. Unspecified CNS	0	0	3	2	1	5	6	0.6	0.6	0.5	0.5	2	2	2	4	1	10	11	1.4	1.2				
<b>IV NEUROBLASTOMA</b>	27	39	4	3	3	73	76	11.1	8.9	1.0	1.0	27	34	11	1	3	73	76	11.6	9.3				
a. (Ganglio)neuroblastoma	27	39	4	3	1	73	74	11.1	8.7	1.0	1.0	27	34	11	1	2	73	75	11.6	9.2				
b. Peripheral nervous	0	0	0	0	2	0	2	-	0.2	-	2.0	0	0	0	0	1	0	1	-	0.1				
<b>V RETINOBLASTOMA</b>	12	14	3	0	1	29	30	4.4	3.5	1.0	1.0	11	19	0	0	0	30	30	4.9	3.8				
<b>VI RENAL TUMOURS</b>	9	36	8	4	5	57	62	8.5	7.0	1.0	1.1	14	32	7	4	1	57	58	9.0	7.0				
a. Nephroblastoma	9	36	7	3	1	55	56	8.3	6.5	1.1	1.1	13	32	6	1	0	52	52	8.3	6.4				
b. Renal carcinoma	0	0	1	1	4	2	6	0.2	0.5	0.7	1.5	0	0	1	2	1	3	4	0.4	0.4				
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	1	0	2	2	0.3	0.2				
<b>VII HEPATIC TUMOURS</b>	6	15	2	2	3	25	28	3.8	3.2	1.4	1.3	3	10	3	2	3	18	21	2.8	2.4				
a. Hepatoblastoma	6	15	1	0	0	22	22	3.4	2.6	1.5	1.5	3	9	1	2	0	15	15	2.3	1.8				
b. Hepatic carcinoma	0	0	1	2	3	3	6	0.4	0.5	1.0	1.0	0	1	2	0	3	3	6	0.4	0.6				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
<b>VIII BONE TUMOURS</b>	0	4	15	35	55	54	109	6.7	10.0	0.9	1.1	0	4	17	41	34	62	96	8.0	9.5				
a. Osteosarcoma	0	1	11	17	31	29	60	3.6	5.5	0.8	1.2	0	1	8	26	16	35	51	4.5	5.0				
b. Chondrosarcoma	0	0	0	2	4	2	6	0.2	0.5	-	1.5	0	0	0	0	4	0	4	-	0.4				
c. Ewing & related	0	3	3	15	18	21	39	2.6	3.6	1.1	1.2	0	3	7	10	12	20	32	2.7	3.2				
d. Other specified	0	0	0	0	2	0	2	-	0.2	0.0	0.3	0	0	2	3	2	5	7	0.6	0.7				
e. Unspecified	0	0	1	1	0	2	2	0.2	0.2	1.0	1.0	0	0	0	2	0	2	2	0.2	0.2				
<b>IX SOFT TISSUE SARCOMA</b>	6	16	11	36	43	69	112	9.1	10.8	1.1	1.2	6	17	12	26	34	61	95	8.6	9.9				
a. Rhabdomyosarcoma	2	12	6	12	10	32	42	4.4	4.3	1.3	1.3	2	10	3	10	8	25	33	3.6	3.6				
b. Fibrosarcoma	0	1	2	6	7	9	16	1.1	1.5	0.8	1.2	3	2	3	3	2	11	13	1.6	1.4				
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	3	3	3	15	22	24	46	3.1	4.3	1.1	1.1	1	4	5	11	20	21	41	2.9	4.1				
e. Unspecified	1	0	0	3	4	4	8	0.5	0.7	1.0	1.0	0	1	1	2	4	4	8	0.5	0.8				
<b>X GERM CELL TUMOURS</b>	8	5	1	24	107	38	145	5.0	13.3	1.2	2.3	6	3	7	15	32	31	63	4.3	6.4				
a. CNS germ cell ‡	3	0	1	20	11	24	35	2.9	3.2	2.2	2.9	1	2	5	3	1	11	12	1.5	1.3				
b. Other extragonadal	1	2	0	0	2	3	5	0.5	0.5	0.4	0.3	5	1	1	1	8	8	16	1.2	1.7				
c. Gonadal germ cell	4	3	0	3	94	10	104	1.4	9.4	0.9	3.9	0	0	1	10	16	11	27	1.4	2.6				
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	0.2				
e. Unspecified gonadal	0	0	0	1	0	1	1	0.1	0.1	1.0	0.2	0	0	0	1	5	1	6	0.1	0.6				
<b>XI CARCINOMA &amp; MELANOMA</b>	2	2	8	21	74	33	107	4.1	9.7	0.7	0.5	1	2	6	37	166	46	212	5.9	20.4				
a. Adrenocortical	0	1	1	0	0	2	2	0.3	0.2	0.7	0.5	1	2	0	0	1	3	4	0.5	0.5				
b. Thyroid	0	0	4	7	10	11	21	1.3	1.9	0.5	0.2	0	0	2	21	75	23	98	2.9	9.4				
c. Nasopharyngeal	0	0	0	2	3	2	5	0.2	0.4	-	1.7	0	0	0	0	3	0	3	-	0.3				
d. Melanoma	1	0	1	7	35	9	44	1.1	3.9	0.9	0.6	0	0	1	9	60	10	70	1.2	6.7				
e. Skin carcinoma	0	0	0	0	1	0	1	-	0.1	-	1.0	0	0	0	0	1	0	1	-	0.1				
f. Other & unspecified	1	1	2	5	25	9	34	1.2	3.1	0.9	0.9	0	0	3	7	26	10	36	1.3	3.5				
<b>XII OTHER &amp; UNSPECIFIED</b>	0	2	1	1	3	4	7	0.6	0.7	0.6	0.9	1	2	2	2	1	7	8	1.0	0.9				
a. Other specified	0	2	0	1	2	3	5	0.4	0.5	0.5	0.7	1	2	1	2	1	6	7	0.9	0.8				
b. Other unspecified	0	0	1	0	1	1	2	0.1	0.2	1.0	2.0	0	0	1	0	0	1	1	0.1	0.1				
<b>TOTAL</b>	106	446	308	336	621	1196	1817	165.5	183.0	1.2	1.2	118	357	229	301	534	1005	1539	145.9	164.1				

† includes 54 non-malignant in males and 102 non-malignant in females ‡ includes 1 non-malignant in males and 2 non-malignant in females

Please consult the quality indicators for this registry

## USA, Colorado (1998-2012)

	Age group	Males	Females
Person-years	0	503 129	477 281
	1-4	1 986 022	1 894 322
	5-9	2 457 057	2 346 658
	10-14	2 486 447	2 366 501
	15-19	2 550 787	2 355 350
Total	0-14	7 432 655	7 084 762
	0-19	9 983 442	9 440 112
Average annual population	0-14	495 510	472 317
	0-19	665 563	629 341

Please consult the quality indicators for this registry