

USA, North Carolina, Hispanic White (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	0-19			0-14	0-19
I LEUKAEMIA	10	84	44	30	25	168	193	42.5	100.0	36.0	100.0	43.2	105.0	57.2	49.1	41.1	68.0	61.9	987	1193	98.4	0.5
a. Lymphoid	7	71	39	19	20	136	156	34.4	81.0	29.1	80.8	30.2	88.8	50.7	31.1	32.9	54.7	49.8	787	952	100.0	0.0
b. Acute myeloid	1	9	5	7	2	22	24	5.6	13.1	4.5	12.4	4.3	11.3	6.5	11.5	3.3	9.2	7.9	138	155	100.0	0.0
c. CMD	1	2	0	1	2	4	6	1.0	2.4	1.1	3.1	4.3	2.5	-	1.6	3.3	1.6	2.0	23	39	66.7	0.0
d. MDS & other	1	1	0	2	0	4	4	1.0	2.4	0.7	2.1	4.3	1.3	-	3.3	-	1.7	1.3	26	26	100.0	0.0
e. Unspecified	0	1	0	1	1	2	3	0.5	1.2	0.6	1.6	-	1.3	-	1.6	1.6	0.9	1.0	13	21	66.7	33.3
II LYMPHOMA & RELATED	4	16	7	9	14	36	50	9.1	100.0	9.3	100.0	17.3	20.0	9.1	14.7	23.0	14.7	16.6	216	331	100.0	0.0
a. Hodgkin	0	2	2	3	7	7	14	1.8	19.4	2.6	28.0	-	2.5	2.6	4.9	11.5	3.0	4.9	47	105	100.0	0.0
b. Non-Hodgkin except BL	1	6	3	2	6	12	18	3.0	33.3	3.4	36.0	4.3	7.5	3.9	3.3	9.9	4.8	6.0	70	119	100.0	0.0
c. Burkitt (BL)	0	2	1	1	1	4	5	1.0	11.1	0.9	10.0	-	2.5	1.3	1.6	1.6	1.6	1.6	24	33	100.0	0.0
d. Lymphoreticular	3	6	1	1	0	11	11	2.8	30.6	2.1	22.0	13.0	7.5	1.3	1.6	-	4.3	3.3	58	58	100.0	0.0
e. Unspecified	0	0	0	2	0	2	2	0.5	5.6	0.4	4.0	-	-	-	3.3	-	1.0	0.7	16	16	100.0	0.0
III CNS NEOPLASMS †	3	35	13	16	25	67	92	17.0	100.0	17.2	100.0	13.0	43.8	16.9	26.2	41.1	27.3	30.4	400	605	81.5	1.1
a. Ependymoma	0	3	0	0	1	3	4	0.8	4.5	0.7	4.3	-	3.8	-	-	1.6	1.1	1.2	15	23	100.0	0.0
b. Astrocytoma	1	15	3	6	7	25	32	6.3	37.3	6.0	34.8	4.3	18.8	3.9	9.8	11.5	10.1	10.4	146	204	84.4	0.0
c. CNS embryonal	2	8	5	2	0	17	17	4.3	25.4	3.2	18.5	8.6	10.0	6.5	3.3	-	6.8	5.3	97	97	100.0	0.0
d. Other gliomas	0	3	1	2	3	6	9	1.5	9.0	1.7	9.8	-	3.8	1.3	3.3	4.9	2.5	3.0	37	62	44.4	0.0
e. Other specified	0	6	4	5	11	15	26	3.8	22.4	4.9	28.3	-	7.5	5.2	8.2	18.1	6.3	9.0	96	186	80.8	0.0
f. Unspecified CNS	0	0	0	1	3	1	4	0.3	1.5	0.7	4.3	-	-	-	1.6	4.9	0.5	1.5	8	33	50.0	25.0
IV NEUROBLASTOMA	12	8	1	0	0	21	21	5.3	100.0	3.9	100.0	51.8	10.0	1.3	-	-	7.9	6.1	103	103	100.0	0.0
a. (Ganglio)neuroblastoma	12	8	1	0	0	21	21	5.3	100.0	3.9	100.0	51.8	10.0	1.3	-	-	7.9	6.1	103	103	100.0	0.0
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V RETINOBLASTOMA	6	7	0	0	0	13	13	3.3	100.0	2.4	100.0	25.9	8.8	-	-	-	4.9	3.8	63	63	100.0	0.0
VI RENAL TUMOURS	2	14	2	1	1	19	20	4.8	100.0	3.7	100.0	8.6	17.5	2.6	1.6	1.6	7.3	6.0	99	107	100.0	0.0
a. Nephroblastoma	2	14	1	1	0	18	18	4.6	94.7	3.4	90.0	8.6	17.5	1.3	1.6	-	6.9	5.3	92	92	100.0	0.0
b. Renal carcinoma	0	0	1	0	1	1	2	0.3	5.3	0.4	10.0	-	-	1.3	-	1.6	0.4	0.7	7	15	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	2	4	0	0	1	6	7	1.5	100.0	1.3	100.0	8.6	5.0	-	-	1.6	2.3	2.1	29	37	100.0	0.0
a. Hepatoblastoma	2	4	0	0	0	6	6	1.5	100.0	1.1	85.7	8.6	5.0	-	-	-	2.3	1.7	29	29	100.0	0.0
b. Hepatic carcinoma	0	0	0	0	1	0	1	-	-	0.2	14.3	-	-	-	-	1.6	-	0.4	-	8	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	1	1	5	8	15	15	30	3.8	100.0	5.6	100.0	4.3	1.3	6.5	13.1	24.7	6.6	10.7	108	231	100.0	0.0
a. Osteosarcoma	0	0	4	4	13	8	21	2.0	53.3	3.9	70.0	-	-	5.2	6.5	21.4	3.6	7.6	59	166	100.0	0.0
b. Chondrosarcoma	0	0	0	1	0	1	1	0.3	6.7	0.2	3.3	-	-	-	1.6	-	0.5	0.4	8	8	100.0	0.0
c. Ewing & related	1	1	1	3	2	6	8	1.5	40.0	1.5	26.7	4.3	1.3	1.3	4.9	3.3	2.6	2.8	41	57	100.0	0.0
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
IX SOFT TISSUE SARCOMA	2	12	4	4	12	22	34	5.6	100.0	6.3	100.0	8.6	15.0	5.2	6.5	19.7	8.8	11.3	127	225	97.1	2.9
a. Rhabdomyosarcoma	2	10	4	1	4	17	21	4.3	77.3	3.9	61.8	8.6	12.5	5.2	1.6	6.6	6.7	6.6	92	125	100.0	0.0
b. Fibrosarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	0	0	0	3	8	3	11	0.8	13.6	2.1	32.4	-	-	-	4.9	13.2	1.4	4.1	25	90	90.9	9.1
e. Unspecified	0	2	0	0	0	2	2	0.5	9.1	0.4	5.9	-	2.5	-	-	-	0.8	0.6	10	10	100.0	0.0
X GERM CELL TUMOURS	4	6	2	4	33	16	49	4.1	100.0	9.1	100.0	17.3	7.5	2.6	6.5	54.2	6.5	17.2	94	365	98.0	0.0
a. CNS germ cell ‡	0	2	1	0	1	3	4	0.8	18.8	0.7	8.2	-	2.5	1.3	-	1.6	1.2	1.3	16	24	100.0	0.0
b. Other extragonadal	2	0	0	1	3	3	6	0.8	18.8	1.1	12.2	8.6	-	-	1.6	4.9	1.2	2.1	18	43	100.0	0.0
c. Gonadal germ cell	2	4	1	3	26	10	36	2.5	62.5	6.7	73.5	8.6	5.0	1.3	4.9	42.7	4.1	12.8	60	274	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified gonadal	0	0	0	0	3	0	3	-	-	0.6	6.1	-	-	-	-	4.9	-	1.1	-	25	66.7	0.0
XI CARCINOMA & MELANOMA	2	0	5	4	14	11	25	2.8	100.0	4.7	100.0	8.6	-	6.5	6.5	23.0	4.7	8.9	75	190	100.0	0.0
a. Adrenocortical	1	0	0	0	0	1	1	0.3	9.1	0.2	4.0	4.3	-	-	-	-	0.4	0.3	5	5	100.0	0.0
b. Thyroid	0	0	2	3	5	5	10	1.3	45.5	1.9	40.0	-	-	2.6	4.9	8.2	2.3	3.6	38	79	100.0	0.0
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Melanoma	0	0	1	0	3	1	4	0.3	9.1	0.7	16.0	-	-	1.3	-	4.9	0.4	1.4	7	31	100.0	0.0
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f. Other & unspecified	1	0	2	1	6	4	10	1.0	36.4	1.9	40.0	4.3	-	2.6	1.6	9.9	1.7	3.5	26	75	100.0	0.0
XII OTHER & UNSPECIFIED	0	1	0	0	1	1	2	0.3	100.0	0.4	100.0	-	1.3	-	-	1.6	0.4	0.7	5	13	50.0	50.0
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Other unspecified	0	1	0	0	1	1	2	0.3	100.0	0.4	100.0	-	1.3	-	-	1.6	0.4	0.7	5	13	50.0	50.0
TOTAL	48	188	83	76	141	395	536	100.0	100.0	100.0	100.0	207.2	235.1	107.9	124.3	231.8	159.5	175.8	2306	3465	95.7	0.7

† includes 30 non-malignant ‡ includes 2 non-malignant

Please consult the quality indicators for this registry

USA, North Carolina, Hispanic White (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	3	45	24	22	19	94	113	75.0	70.5	1.3	1.4	7	39	20	8	6	74	80	60.5	52.1		
a. Lymphoid	2	38	21	14	17	75	92	59.3	57.1	1.2	1.4	5	33	18	5	3	61	64	49.7	41.1		
b. Acute myeloid	0	4	3	5	1	12	13	10.0	8.4	1.2	1.2	1	5	2	2	1	10	11	8.3	7.3		
c. CMD	1	1	0	1	1	3	4	2.4	2.5	3.0	2.0	0	1	0	0	1	1	2	0.8	1.5		
d. MDS & other	0	1	0	1	0	2	2	1.7	1.3	1.0	1.0	1	0	0	1	0	2	2	1.7	1.4		
e. Unspecified	0	1	0	1	0	2	2	1.7	1.3	-	2.0	0	0	0	0	1	0	1	-	0.9		
II LYMPHOMA & RELATED	4	10	5	6	9	25	34	19.9	21.3	2.3	2.1	0	6	2	3	5	11	16	9.3	11.5		
a. Hodgkin	0	2	1	3	5	6	11	5.1	7.2	6.0	3.7	0	0	1	0	2	1	3	0.9	2.4		
b. Non-Hodgkin except BL	1	4	2	1	3	8	11	6.2	6.8	2.0	1.6	0	2	1	1	3	4	7	3.4	5.2		
c. Burkitt (BL)	0	1	1	1	1	3	4	2.5	2.6	3.0	4.0	0	1	0	0	0	1	1	0.8	0.6		
d. Lymphoreticular	3	3	1	0	0	7	7	5.2	4.0	1.8	1.8	0	3	0	1	0	4	4	3.3	2.5		
e. Unspecified	0	0	0	1	0	1	1	0.9	0.7	1.0	1.0	0	0	0	1	0	1	1	1.0	0.8		
III CNS NEOPLASMS †	0	19	7	8	12	34	46	27.0	28.7	1.0	1.0	3	16	6	8	13	33	46	27.6	32.5		
a. Ependymoma	0	1	0	0	0	1	1	0.7	0.6	0.5	0.3	0	2	0	0	1	2	3	1.5	2.0		
b. Astrocytoma	0	10	2	3	5	15	20	11.7	12.3	1.5	1.7	1	5	1	3	2	10	12	8.4	8.2		
c. CNS embryonal	0	4	2	0	0	6	6	4.6	3.5	0.5	0.5	2	4	3	2	0	11	11	9.2	7.1		
d. Other gliomas	0	2	0	1	2	3	5	2.4	3.2	1.0	1.3	0	1	1	1	1	3	4	2.6	2.9		
e. Other specified	0	2	3	4	3	9	12	7.6	7.8	1.5	0.9	0	4	1	1	8	6	14	4.9	10.7		
f. Unspecified CNS	0	0	0	0	2	0	2	-	1.3	0.0	1.0	0	0	0	1	1	1	2	1.0	1.6		
IV NEUROBLASTOMA	5	3	1	0	0	9	9	6.7	5.2	0.8	0.8	7	5	0	0	0	12	12	9.2	7.2		
a. (Ganglio)neuroblastoma	5	3	1	0	0	9	9	6.7	5.2	0.8	0.8	7	5	0	0	0	12	12	9.2	7.2		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	4	3	0	0	0	7	7	5.1	4.0	1.2	1.2	2	4	0	0	0	6	6	4.6	3.6		
VI RENAL TUMOURS	2	7	1	1	0	11	11	8.3	6.5	1.4	1.2	0	7	1	0	1	8	9	6.3	5.7		
a. Nephroblastoma	2	7	0	1	0	10	10	7.5	5.8	1.3	1.3	0	7	1	0	0	8	8	6.3	4.8		
b. Renal carcinoma	0	0	1	0	0	1	1	0.8	0.6	-	1.0	0	0	0	0	1	0	1	-	0.9		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	1	3	0	0	1	4	5	2.9	2.9	2.0	2.5	1	1	0	0	0	2	2	1.5	1.2		
a. Hepatoblastoma	1	3	0	0	0	4	4	2.9	2.3	2.0	2.0	1	1	0	0	0	2	2	1.5	1.2		
b. Hepatic carcinoma	0	0	0	0	1	0	1	-	0.7	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	1	1	4	7	10	13	23	11.2	15.2	6.5	3.3	0	0	1	1	5	2	7	1.8	5.7		
a. Osteosarcoma	0	0	3	4	10	7	17	6.1	11.3	7.0	4.3	0	0	1	0	3	1	4	0.9	3.2		
b. Chondrosarcoma	0	0	0	1	0	1	1	0.9	0.7	-	-	0	0	0	0	0	0	0	-	-		
c. Ewing & related	1	1	1	2	0	5	5	4.1	3.2	5.0	1.7	0	0	0	1	2	1	3	1.0	2.5		
d. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	2	10	2	2	4	16	20	12.3	12.1	2.7	1.4	0	2	2	2	8	6	14	5.2	10.9		
a. Rhabdomyosarcoma	2	9	2	0	1	13	14	9.7	8.2	3.3	2.0	0	1	2	1	3	4	7	3.5	5.3		
b. Fibrosarcoma	0	0	0	0	0	0	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	0	2	3	2	5	1.8	3.4	2.0	0.8	0	0	0	1	5	1	6	1.0	5.0		
e. Unspecified	0	1	0	0	0	1	1	0.7	0.6	1.0	1.0	0	1	0	0	0	1	1	0.8	0.6		
X GERM CELL TUMOURS	4	4	0	2	19	10	29	7.7	18.4	1.7	1.4	0	2	2	2	14	6	20	5.2	16.0		
a. CNS germ cell ‡	0	0	0	0	1	0	1	-	0.7	0.0	0.3	0	2	1	0	0	3	3	2.4	1.9		
b. Other extragonadal	2	0	0	1	2	3	5	2.4	3.2	-	5.0	0	0	0	0	1	0	1	-	0.9		
c. Gonadal germ cell	2	4	0	1	14	7	21	5.3	13.2	2.3	1.4	0	0	1	2	12	3	15	2.8	12.5		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified gonadal	0	0	0	0	2	0	2	-	1.3	-	2.0	0	0	0	0	1	0	1	-	0.9		
XI CARCINOMA & MELANOMA	0	0	2	0	5	2	7	1.6	4.5	0.2	0.4	2	0	3	4	9	9	18	8.0	13.9		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	0	1	1	0.8	0.6		
b. Thyroid	0	0	0	0	1	0	1	-	0.7	0.0	0.1	0	0	2	3	4	5	9	4.7	7.0		
c. Nasopharyngeal	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Melanoma	0	0	0	0	1	0	1	-	0.7	0.0	0.3	0	0	1	0	2	1	3	0.9	2.4		
e. Skin carcinoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	2	0	3	2	5	1.6	3.2	1.0	1.0	1	0	0	1	3	2	5	1.7	3.9		
XII OTHER & UNSPECIFIED	0	1	0	0	0	1	1	0.7	0.6	-	1.0	0	0	0	0	1	0	1	-	0.9		
a. Other specified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	0	1	0	0	0	1	1	0.7	0.6	-	1.0	0	0	0	0	1	0	1	-	0.9		
TOTAL	26	106	46	48	79	226	305	178.5	189.8	1.3	1.3	22	82	37	28	62	169	231	139.5	161.1		

† includes 13 non-malignant in males and 17 non-malignant in females ‡ includes 2 non-malignant in females

Please consult the quality indicators for this registry

USA, North Carolina, Hispanic White (1998-2012)

	Age group	Males	Females
Person-years	0	118 775	112 859
	1-4	409 698	389 930
	5-9	395 948	372 951
	10-14	314 349	296 852
	15-19	345 353	262 968
Total	0-14	1 238 770	1 172 592
	0-19	1 584 123	1 435 560
Average annual population	0-14	82 585	78 173
	0-19	105 608	95 704

Please consult the quality indicators for this registry