

USA, South Carolina (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
I LEUKAEMIA	34	238	138	108	134	518	652	28.2	100.0	24.2	100.0	39.6	70.5	32.3	24.3	28.6	42.3	39.3	604	747	95.9	0.6
a. Lymphoid	17	199	114	67	67	397	464	21.6	76.6	17.2	71.2	19.8	58.9	26.7	15.1	14.3	32.7	28.6	464	535	97.8	0.4
b. Acute myeloid	9	30	20	28	46	87	133	4.7	16.8	4.9	20.4	10.5	8.9	4.7	6.3	9.8	6.9	7.6	101	150	95.5	0.8
c. CMD	4	2	3	7	12	16	28	0.9	3.1	1.0	4.3	4.7	0.6	0.7	1.6	2.6	1.2	1.5	18	31	71.4	0.0
d. MDS & other	2	3	1	2	3	8	11	0.4	1.5	0.4	1.7	2.3	0.9	0.2	0.5	0.6	0.7	0.7	9	13	100.0	0.0
e. Unspecified	2	4	0	4	6	10	16	0.5	1.9	0.6	2.5	2.3	1.2	-	0.9	1.3	0.8	0.9	12	18	81.3	6.3
II LYMPHOMA & RELATED	7	26	54	120	195	207	402	11.3	100.0	14.9	100.0	8.2	7.7	12.6	27.0	41.6	14.9	20.9	237	445	97.8	0.2
a. Hodgkin	0	3	9	64	124	76	200	4.1	36.7	7.4	49.8	-	0.9	2.1	14.4	26.5	5.1	9.9	86	218	99.5	0.0
b. Non-Hodgkin except BL	5	10	27	38	58	80	138	4.4	38.6	5.1	34.3	5.8	3.0	6.3	8.6	12.4	5.9	7.4	92	154	97.8	0.7
c. Burkitt (BL)	0	7	10	12	5	29	34	1.6	14.0	1.3	8.5	-	2.1	2.3	2.7	1.1	2.2	1.9	33	39	97.1	0.0
d. Lymphoreticular	2	5	3	4	3	14	17	0.8	6.8	0.6	4.2	2.3	1.5	0.7	0.9	0.6	1.1	1.0	16	19	94.1	0.0
e. Unspecified	0	1	5	2	5	8	13	0.4	3.9	0.5	3.2	-	0.3	1.2	0.5	1.1	0.6	0.7	9	15	76.9	0.0
III CNS NEOPLASMS †	30	134	153	136	150	453	603	24.7	100.0	22.3	100.0	35.0	39.7	35.8	30.6	32.0	35.4	34.7	526	686	79.4	1.0
a. Ependymoma	5	17	7	7	10	36	46	2.0	7.9	1.7	7.6	5.8	5.0	1.6	1.6	2.1	3.0	2.8	42	53	100.0	0.0
b. Astrocytoma	11	58	66	55	55	190	245	10.4	41.9	9.1	40.6	12.8	17.2	15.4	12.4	11.7	14.9	14.2	221	279	89.8	0.0
c. CNS embryonal	8	32	30	19	12	89	101	4.9	19.6	3.7	16.7	9.3	9.5	7.0	4.3	2.6	7.2	6.1	104	117	99.0	0.0
d. Other gliomas	1	13	25	12	13	51	64	2.8	11.3	2.4	10.6	1.2	3.9	5.8	2.7	2.8	4.0	3.7	59	73	42.2	0.0
e. Other specified	2	8	23	14	54	67	121	3.7	14.8	4.5	20.1	2.3	2.4	5.4	7.7	11.5	4.9	6.4	77	135	64.5	0.8
f. Unspecified CNS	3	6	2	9	6	20	26	1.1	4.4	1.0	4.3	3.5	1.8	0.5	2.0	1.3	1.6	1.5	23	30	30.8	19.2
IV NEUROBLASTOMA	42	64	11	10	0	127	127	6.9	100.0	4.7	100.0	49.0	19.0	2.6	2.3	-	11.2	8.7	149	149	97.6	0.0
a. (Ganglio)neuroblastoma	42	64	11	9	0	126	126	6.9	99.2	4.7	99.2	49.0	19.0	2.6	2.0	-	11.1	8.6	148	148	97.6	0.0
b. Peripheral nervous	0	0	0	1	0	1	1	0.1	0.8	0.0	0.8	-	-	-	0.2	-	0.1	0.1	1	1	100.0	0.0
V RETINOBLASTOMA	25	21	1	0	0	47	47	2.6	100.0	1.7	100.0	29.2	6.2	0.2	-	-	4.3	3.3	55	55	53.2	0.0
VI RENAL TUMOURS	14	73	23	13	6	123	129	6.7	100.0	4.8	100.0	16.3	21.6	5.4	2.9	1.3	10.5	8.5	144	151	95.3	0.8
a. Nephroblastoma	13	72	19	4	2	108	110	5.9	87.8	4.1	85.3	15.2	21.3	4.4	0.9	0.4	9.5	7.4	127	129	97.3	0.0
b. Renal carcinoma	1	1	2	8	4	12	16	0.7	9.8	0.6	12.4	1.2	0.3	0.5	1.8	0.9	0.9	0.9	14	18	93.8	0.0
c. Unspecified	0	0	2	1	0	3	3	0.2	2.4	0.1	2.3	-	-	0.5	0.2	-	0.2	0.2	3	3	33.3	33.3
VII HEPATIC TUMOURS	6	20	3	2	4	31	35	1.7	100.0	1.3	100.0	7.0	5.9	0.7	0.5	0.9	2.7	2.3	36	41	100.0	0.0
a. Hepatoblastoma	6	19	2	2	0	29	29	1.6	93.5	1.1	82.9	7.0	5.6	0.5	0.5	-	2.6	2.0	34	34	100.0	0.0
b. Hepatic carcinoma	0	1	1	0	4	2	6	0.1	6.5	0.2	17.1	-	0.3	0.2	-	0.9	0.2	0.3	2	7	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	5	18	59	51	82	133	4.5	100.0	4.9	100.0	-	1.5	4.2	13.3	10.9	5.7	6.8	93	148	95.5	0.0
a. Osteosarcoma	0	2	11	37	28	50	78	2.7	61.0	2.9	58.6	-	0.6	2.6	8.3	6.0	3.4	4.0	57	87	96.2	0.0
b. Chondrosarcoma	0	0	1	1	1	2	3	0.1	2.4	0.1	2.3	-	-	0.2	0.2	0.2	0.1	0.2	2	3	100.0	0.0
c. Ewing & related	0	3	5	16	15	24	39	1.3	29.3	1.4	29.3	-	0.9	1.2	3.6	3.2	1.7	2.0	27	43	97.4	0.0
d. Other specified	0	0	0	5	5	5	10	0.3	6.1	0.4	7.5	-	-	-	1.1	1.1	0.3	0.5	6	11	100.0	0.0
e. Unspecified	0	0	1	0	2	1	3	0.1	1.2	0.1	2.3	-	-	0.2	-	0.4	0.1	0.2	1	3	33.3	0.0
IX SOFT TISSUE SARCOMA	14	22	27	38	64	101	165	5.5	100.0	6.1	100.0	16.3	6.5	6.3	8.6	13.7	7.8	9.1	117	185	100.0	0.0
a. Rhabdomyosarcoma	1	15	13	10	23	39	62	2.1	38.6	2.3	37.6	1.2	4.4	3.0	2.3	4.9	3.1	3.5	45	70	100.0	0.0
b. Fibrosarcoma	9	3	2	1	8	15	23	0.8	14.9	0.9	13.9	10.5	0.9	0.5	0.2	1.7	1.3	1.4	18	26	100.0	0.0
c. Kaposi sarcoma	0	1	0	0	0	1	1	0.1	1.0	0.0	0.6	-	0.3	-	-	-	0.1	0.1	1	1	100.0	0.0
d. Other specified	1	3	7	22	26	33	59	1.8	32.7	2.2	35.8	1.2	0.9	1.6	5.0	5.6	2.3	3.1	38	65	100.0	0.0
e. Unspecified	3	0	5	5	7	13	20	0.7	12.9	0.7	12.1	3.5	-	1.2	1.1	1.5	1.0	1.1	15	22	100.0	0.0
X GERM CELL TUMOURS	14	18	12	25	81	69	150	3.8	100.0	5.6	100.0	16.3	5.3	2.8	5.6	17.3	5.5	8.1	80	166	97.3	0.0
a. CNS germ cell ‡	3	2	6	9	4	20	24	1.1	29.0	0.9	16.0	3.5	0.6	1.4	2.0	0.9	1.5	1.4	23	27	83.3	0.0
b. Other extragonadal	9	9	0	0	5	18	23	1.0	26.1	0.9	15.3	10.5	2.7	-	-	1.1	1.6	1.5	21	27	100.0	0.0
c. Gonadal germ cell	2	5	5	13	66	25	91	1.4	36.2	3.4	60.7	2.3	1.5	1.2	2.9	14.1	1.9	4.6	29	99	100.0	0.0
d. Gonadal carcinoma	0	1	0	1	3	2	5	0.1	2.9	0.2	3.3	-	0.3	-	0.2	0.6	0.2	0.3	2	6	100.0	0.0
e. Unspecified gonadal	0	1	1	2	3	4	7	0.2	5.8	0.3	4.7	-	0.3	0.2	0.5	0.6	0.3	0.4	5	8	100.0	0.0
XI CARCINOMA & MELANOMA	4	5	12	48	169	69	238	3.8	100.0	8.8	100.0	4.7	1.5	2.8	10.8	36.1	4.9	11.9	79	259	98.3	0.0
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Thyroid	0	0	4	16	57	20	77	1.1	29.0	2.9	32.4	-	-	0.9	3.6	12.2	1.3	3.8	23	84	100.0	0.0
c. Nasopharyngeal	0	0	2	2	6	4	10	0.2	5.8	0.4	4.2	-	-	0.5	0.5	1.3	0.3	0.5	5	11	100.0	0.0
d. Melanoma	3	5	4	12	57	24	81	1.3	34.8	3.0	34.0	3.5	1.5	0.9	2.7	12.2	1.8	4.1	28	88	96.3	0.0
e. Skin carcinoma	0	0	0	4	0	4	4	0.2	5.8	0.1	1.7	-	-	-	0.9	-	0.3	0.2	5	5	100.0	0.0
f. Other & unspecified	1	0	2	14	49	17	66	0.9	24.6	2.4	27.7	1.2	-	0.5	3.2	10.5	1.2	3.3	19	72	98.5	0.0
XII OTHER & UNSPECIFIED	1	3	0	3	10	7	17	0.4	100.0	0.6	100.0	1.2	0.9	-	0.7	2.1	0.6	0.9	8	19	70.6	5.9
a. Other specified	0	2	0	1	2	3	5	0.2	42.9	0.2	29.4	-	0.6	-	0.2	0.4	0.2	0.3	3	6	100.0	0.0
b. Other unspecified	1	1	0	2	8	4	12	0.2	57.1	0.4	70.6	1.2	0.3	-	0.5	1.7	0.3	0.6	5	13	58.3	8.3
TOTAL	191	629	452	562	864	1834	2698	100.0	100.0	100.0	100.0	222.7	186.3	105.7	126.5	184.5	145.8	154.5	2129	3052	92.2	0.5

† includes 137 non-malignant ‡ includes 3 non-malignant

Please consult the quality indicators for this registry

USA, South Carolina (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		
I LEUKAEMIA	17	135	78	68	86	298	384	47.5	44.9	1.4	1.4	17	103	60	40	48	220	268	37.0	33.4				
a. Lymphoid	7	118	65	44	50	234	284	37.7	33.9	1.4	1.6	10	81	49	23	17	163	180	27.6	23.1				
b. Acute myeloid	6	14	13	16	25	49	74	7.6	8.2	1.3	1.3	3	16	7	12	21	38	59	6.2	6.9				
c. CMD	2	1	0	3	7	6	13	0.9	1.4	0.6	0.9	2	1	3	4	5	10	15	1.6	1.7				
d. MDS & other	1	1	0	1	0	3	3	0.5	0.4	0.6	0.4	1	2	1	1	3	5	8	0.8	1.0				
e. Unspecified	1	1	0	4	4	6	10	0.9	1.0	1.5	1.7	1	3	0	0	2	4	6	0.7	0.8				
II LYMPHOMA & RELATED	4	18	46	66	94	134	228	19.2	23.7	1.8	1.3	3	8	8	54	101	73	174	10.5	18.1				
a. Hodgkin	0	3	7	30	53	40	93	5.4	9.2	1.1	0.9	0	0	2	34	71	36	107	4.8	10.8				
b. Non-Hodgkin except BL	3	5	21	25	34	54	88	7.7	9.2	2.1	1.8	2	5	6	13	24	26	50	4.0	5.4				
c. Burkitt (BL)	0	7	10	7	4	24	28	3.6	3.2	4.8	4.7	0	0	0	5	1	5	6	0.7	0.6				
d. Lymphoreticular	1	2	3	3	2	9	11	1.4	1.2	1.8	1.8	1	3	0	1	1	5	6	0.9	0.8				
e. Unspecified	0	1	5	1	1	7	8	1.0	0.9	7.0	1.6	0	0	0	1	4	1	5	0.1	0.5				
III CNS NEOPLASMS †	16	56	85	60	68	217	285	33.2	32.1	0.9	0.9	14	78	68	76	82	236	318	37.8	37.4				
a. Ependymoma	2	8	1	4	7	15	22	2.5	2.6	0.7	0.9	3	9	6	3	3	21	24	3.6	3.1				
b. Astrocytoma	5	21	43	27	28	96	124	14.5	13.8	1.0	1.0	6	37	23	28	27	94	121	15.3	14.5				
c. CNS embryonal	6	15	18	9	6	48	54	7.6	6.4	1.2	1.1	2	17	12	10	6	41	47	6.7	5.8				
d. Other gliomas	1	5	11	4	8	21	29	3.2	3.2	0.7	0.8	0	8	14	8	5	30	35	4.7	4.2				
e. Other specified	1	4	11	12	18	28	46	4.1	4.8	0.7	0.6	1	4	12	22	36	39	75	5.7	8.0				
f. Unspecified CNS	1	3	1	4	1	9	10	1.4	1.2	0.8	0.6	2	3	1	5	5	11	16	1.8	1.9				
IV NEUROBLASTOMA	22	40	6	6	0	74	74	12.8	9.9	1.4	1.4	20	24	5	4	0	53	53	9.5	7.4				
a. (Ganglio)neuroblastoma	22	40	6	5	0	73	73	12.6	9.8	1.4	1.4	20	24	5	4	0	53	53	9.5	7.4				
b. Peripheral nervous	0	0	0	1	0	1	1	0.1	0.1	-	-	0	0	0	0	0	0	0	-	-				
V RETINOBLASTOMA	8	13	0	0	0	21	21	3.8	2.9	0.8	0.8	17	8	1	0	0	26	26	4.8	3.7				
VI RENAL TUMOURS	7	28	11	3	3	49	52	8.3	6.7	0.7	0.7	7	45	12	10	3	74	77	12.9	10.3				
a. Nephroblastoma	6	28	8	0	2	42	44	7.3	5.8	0.6	0.7	7	44	11	4	0	66	66	11.7	9.1				
b. Renal carcinoma	1	0	1	2	1	4	5	0.6	0.5	0.5	0.5	0	1	1	6	3	8	11	1.1	1.2				
c. Unspecified	0	0	2	1	0	3	3	0.4	0.3	-	-	0	0	0	0	0	0	0	-	-				
VII HEPATIC TUMOURS	4	11	3	2	2	20	22	3.4	2.8	1.8	1.7	2	9	0	0	2	11	13	2.1	1.8				
a. Hepatoblastoma	4	11	2	2	0	19	19	3.2	2.5	1.9	1.9	2	8	0	0	0	10	10	1.9	1.4				
b. Hepatic carcinoma	0	0	1	0	2	1	3	0.1	0.3	1.0	1.0	0	1	0	0	2	1	3	0.2	0.3				
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
VIII BONE TUMOURS	0	4	10	23	40	37	77	5.1	7.7	0.8	1.4	0	1	8	36	11	45	56	6.2	5.9				
a. Osteosarcoma	0	1	5	13	23	19	42	2.6	4.2	0.6	1.2	0	1	6	24	5	31	36	4.3	3.8				
b. Chondrosarcoma	0	0	1	0	1	1	2	0.1	0.2	1.0	2.0	0	0	1	0	1	1	1	0.1	0.1				
c. Ewing & related	0	3	3	8	12	14	26	2.0	2.7	1.4	2.0	0	0	2	8	3	10	13	1.4	1.4				
d. Other specified	0	0	0	2	3	2	5	0.3	0.5	0.7	1.0	0	0	0	3	2	3	5	0.4	0.5				
e. Unspecified	0	0	1	0	1	1	2	0.1	0.2	-	2.0	0	0	0	0	1	0	1	-	0.1				
IX SOFT TISSUE SARCOMA	7	13	18	20	32	58	90	8.8	9.8	1.3	1.2	7	9	9	18	32	43	75	6.8	8.4				
a. Rhabdomyosarcoma	1	9	11	6	16	27	43	4.2	4.7	2.3	2.3	0	6	2	4	7	12	19	2.0	2.2				
b. Fibrosarcoma	4	1	1	1	2	7	9	1.2	1.1	0.9	0.6	5	2	1	0	6	8	14	1.5	1.7				
c. Kaposi sarcoma	0	1	0	0	0	1	1	0.2	0.1	-	-	0	0	0	0	0	0	0	-	-				
d. Other specified	1	2	4	12	10	19	29	2.7	3.0	1.4	1.0	0	1	3	10	16	14	30	2.0	3.1				
e. Unspecified	1	0	2	1	4	4	8	0.6	0.8	0.4	0.7	2	0	3	4	3	9	12	1.4	1.4				
X GERM CELL TUMOURS	6	11	3	9	60	29	89	4.6	9.2	0.7	1.5	8	7	9	16	21	40	61	6.3	7.0				
a. CNS germ cell ‡	2	1	2	7	4	12	16	1.7	1.7	1.5	2.0	1	1	4	2	0	8	8	1.3	1.0				
b. Other extragonadal	2	4	0	0	4	6	10	1.1	1.2	0.5	0.8	7	5	0	0	1	12	13	2.2	1.8				
c. Gonadal germ cell	2	4	0	2	51	8	59	1.3	5.8	0.5	1.8	0	1	5	11	15	17	32	2.4	3.4				
d. Gonadal carcinoma	0	1	0	0	0	1	1	0.2	0.1	1.0	0.3	0	0	0	1	3	1	4	0.1	0.4				
e. Unspecified gonadal	0	1	1	0	1	2	3	0.3	0.3	1.0	0.8	0	0	0	2	2	2	4	0.3	0.4				
XI CARCINOMA & MELANOMA	3	3	7	20	54	33	87	4.7	8.7	0.9	0.6	1	2	5	28	115	36	151	5.1	15.3				
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-				
b. Thyroid	0	0	2	5	10	7	17	0.9	1.7	0.5	0.3	0	0	2	11	47	13	60	1.8	6.0				
c. Nasopharyngeal	0	0	2	2	4	4	8	0.6	0.8	-	4.0	0	0	0	0	2	0	2	-	0.2				
d. Melanoma	2	3	2	5	16	12	28	1.8	2.9	1.0	0.5	1	2	2	7	41	12	53	1.8	5.4				
e. Skin carcinoma	0	0	0	1	0	1	1	0.1	0.1	0.3	0.3	0	0	0	3	0	3	3	0.4	0.3				
f. Other & unspecified	1	0	1	7	24	9	33	1.2	3.2	1.1	1.0	0	0	1	7	25	8	33	1.1	3.3				
XII OTHER & UNSPECIFIED	1	3	0	0	2	4	6	0.7	0.7	1.3	0.5	0	0	0	3	8	3	11	0.4	1.1				
a. Other specified	0	2	0	0	0	2	2	0.4	0.3	2.0	0.7	0	0	0	1	2	1	3	0.1	0.3				
b. Other unspecified	1	1	0	0	2	2	4	0.4	0.5	1.0	0.5	0	0	0	2	6	2	8	0.3	0.8				
TOTAL	95	335	267	277	441	974	1415	152.0	159.1	1.1	1.1	96	294	185	285	423	860	1283	139.3	149.7				

† includes 50 non-malignant in males and 87 non-malignant in females ‡ includes 2 non-malignant in males and 1 non-malignant in females

Please consult the quality indicators for this registry

USA, South Carolina (1998-2012)

	Age group	Males	Females
Person-years	0	435 757	421 799
	1-4	1 722 855	1 653 595
	5-9	2 182 358	2 091 929
	10-14	2 268 641	2 175 185
	15-19	2 401 286	2 281 231
Total	0-14	6 609 611	6 342 508
	0-19	9 010 897	8 623 739
Average annual population	0-14	440 641	422 834
	0-19	600 726	574 916

Please consult the quality indicators for this registry