

USA, South Carolina, NH 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	ASR			0-19	0-14
I LEUKAEMIA	29	169	89	71	84	358	442	30.2	100.0	25.1	100.0	59.4	87.2	35.8	27.4	30.7	51.1	46.5	724	877	97.3	0.2
a. Lymphoid	14	146	77	50	40	287	327	24.2	80.2	18.5	74.0	28.7	75.4	31.0	19.3	14.6	41.1	35.2	581	654	98.8	0.0
b. Acute myeloid	8	19	11	16	33	54	87	4.6	15.1	4.9	19.7	16.4	9.8	4.4	6.2	12.1	7.5	8.5	109	169	95.4	1.1
c. CMD	3	0	1	2	5	6	11	0.5	1.7	0.6	2.5	6.1	-	0.4	0.8	1.8	0.8	1.1	12	21	72.7	0.0
d. MDS & other	2	2	0	2	2	6	8	0.5	1.7	0.5	1.8	4.1	1.0	-	0.8	0.7	0.9	0.8	12	16	100.0	0.0
e. Unspecified	2	2	0	1	4	5	9	0.4	1.4	0.5	2.0	4.1	1.0	-	0.4	1.5	0.8	0.9	10	17	88.9	0.0
II LYMPHOMA & RELATED	4	19	34	63	123	120	243	10.1	100.0	13.8	100.0	8.2	9.8	13.7	24.3	45.0	15.1	21.9	237	462	97.5	0.4
a. Hodgkin	0	3	5	36	86	44	130	3.7	36.7	7.4	53.5	-	1.5	2.0	13.9	31.5	5.2	11.1	86	243	100.0	0.0
b. Non-Hodgkin except BL	3	7	14	15	32	39	71	3.3	32.5	4.0	29.2	6.1	3.6	5.6	5.8	11.7	5.1	6.6	78	136	95.8	1.4
c. Burkitt (BL)	0	7	9	8	2	24	26	2.0	20.0	1.5	10.7	-	3.6	3.6	3.1	0.7	3.2	2.6	48	52	96.2	0.0
d. Lymphoreticular	1	1	2	3	2	7	9	0.6	5.8	0.5	3.7	2.0	0.5	0.8	1.2	0.7	0.9	0.9	14	18	88.9	0.0
e. Unspecified	0	1	4	1	1	6	7	0.5	5.0	0.4	2.9	-	0.5	1.6	0.4	0.4	0.8	0.7	12	14	85.7	0.0
III CNS NEOPLASMS †	21	98	91	95	94	305	399	25.7	100.0	22.6	100.0	43.0	50.6	36.6	36.6	34.4	41.4	39.8	611	783	80.7	1.0
a. Ependymoma	5	11	5	4	8	25	33	2.1	8.2	1.9	8.3	10.2	5.7	2.0	1.5	2.9	3.6	3.5	51	65	100.0	0.0
b. Astrocytoma	9	45	39	36	35	129	164	10.9	42.3	9.3	41.1	18.4	23.2	15.7	13.9	12.8	17.7	16.6	259	323	89.0	0.0
c. CNS embryonal	4	23	20	15	8	62	70	5.2	20.3	4.0	17.5	8.2	11.9	8.0	5.8	2.9	8.6	7.3	125	139	100.0	0.0
d. Other gliomas	1	9	12	7	10	29	39	2.4	9.5	2.2	9.8	2.0	4.6	4.8	2.7	3.7	3.9	3.9	58	77	38.5	0.0
e. Other specified	1	7	13	27	30	48	78	4.0	15.7	4.4	19.5	2.0	3.6	5.2	10.4	11.0	6.0	7.1	95	150	69.2	0.0
f. Unspecified CNS	1	3	2	6	3	12	15	1.0	3.9	0.9	3.8	2.0	1.5	0.8	2.3	1.1	1.6	1.5	24	29	26.7	26.7
IV NEUROBLASTOMA	31	38	7	3	0	79	79	6.7	100.0	4.5	100.0	63.4	19.6	2.8	1.2	-	12.3	9.5	162	162	97.5	0.0
a. (Ganglio)neuroblastoma	31	38	7	2	0	78	78	6.6	98.7	4.4	98.7	63.4	19.6	2.8	0.8	-	12.1	9.4	160	160	97.4	0.0
b. Peripheral nervous	0	0	0	1	0	1	1	0.1	1.3	0.1	1.3	-	-	-	0.4	-	0.1	0.1	2	2	100.0	0.0
V RETINOBLASTOMA	15	8	1	0	0	24	24	2.0	100.0	1.4	100.0	30.7	4.1	0.4	-	-	3.8	2.9	49	49	41.7	0.0
VI RENAL TUMOURS	12	37	14	5	3	68	71	5.7	100.0	4.0	100.0	24.6	19.1	5.6	1.9	1.1	10.2	8.1	139	144	94.4	1.4
a. Nephroblastoma	11	37	13	2	1	63	64	5.3	92.6	3.6	90.1	22.5	19.1	5.2	0.8	0.4	9.6	7.5	129	131	96.9	0.0
b. Renal carcinoma	1	0	0	2	2	3	5	0.3	4.4	0.3	7.0	2.0	-	-	0.8	0.7	0.4	0.5	6	10	100.0	0.0
c. Unspecified	0	0	1	1	0	2	2	0.2	2.9	0.1	2.8	-	-	0.4	0.4	-	0.2	0.2	4	4	0.0	50.0
VII HEPATIC TUMOURS	4	13	1	2	2	20	22	1.7	100.0	1.2	100.0	8.2	6.7	0.4	0.8	0.7	3.1	2.5	41	45	100.0	0.0
a. Hepatoblastoma	4	12	0	2	0	18	18	1.5	90.0	1.0	81.8	8.2	6.2	-	0.8	-	2.8	2.2	37	37	100.0	0.0
b. Hepatic carcinoma	0	1	1	0	2	2	4	0.2	10.0	0.2	18.2	-	0.5	0.4	-	0.7	0.3	0.4	4	8	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VIII BONE TUMOURS	0	3	12	40	32	55	87	4.6	100.0	4.9	100.0	-	1.5	4.8	15.4	11.7	6.5	7.7	107	166	95.4	0.0
a. Osteosarcoma	0	1	6	24	12	31	43	2.6	56.4	2.4	49.4	-	0.5	2.4	9.2	4.4	3.6	3.8	60	82	97.7	0.0
b. Chondrosarcoma	0	0	0	1	1	1	2	0.1	1.8	0.1	2.3	-	-	-	0.4	0.4	0.1	0.2	2	4	100.0	0.0
c. Ewing & related	0	2	5	11	15	18	33	1.5	32.7	1.9	37.9	-	1.0	2.0	4.2	5.5	2.2	2.9	35	63	97.0	0.0
d. Other specified	0	0	0	4	2	4	6	0.3	7.3	0.3	6.9	-	-	-	1.5	0.7	0.4	0.5	8	11	100.0	0.0
e. Unspecified	0	0	1	0	2	1	3	0.1	1.8	0.2	3.4	-	-	0.4	-	0.7	0.1	0.3	2	6	33.3	0.0
IX SOFT TISSUE SARCOMA	10	17	16	18	42	61	103	5.1	100.0	5.8	100.0	20.5	8.8	6.4	6.9	15.4	8.4	10.0	122	199	100.0	0.0
a. Rhabdomyosarcoma	0	13	6	5	16	24	40	2.0	39.3	2.3	38.8	-	6.7	2.4	1.9	5.9	3.4	4.0	48	78	100.0	0.0
b. Fibrosarcoma	7	2	2	1	6	12	18	1.0	19.7	1.0	17.5	14.3	1.0	0.8	0.4	2.2	1.8	1.9	24	35	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d. Other specified	1	2	4	10	14	17	31	1.4	27.9	1.8	30.1	2.0	1.0	1.6	3.9	5.1	2.1	2.8	33	59	100.0	0.0
e. Unspecified	2	0	4	2	6	8	14	0.7	13.1	0.8	13.6	4.1	-	1.6	0.8	2.2	1.1	1.3	16	27	100.0	0.0
X GERM CELL TUMOURS	9	14	5	15	56	43	99	3.6	100.0	5.6	100.0	18.4	7.2	2.0	5.8	20.5	6.0	9.3	86	189	98.0	0.0
a. CNS germ cell ‡	3	1	3	7	3	14	17	1.2	32.6	1.0	17.2	6.1	0.5	1.2	2.7	1.1	1.8	1.7	28	33	88.2	0.0
b. Other extragonadal	5	8	0	0	2	13	15	1.1	30.2	0.9	15.2	10.2	4.1	-	-	0.7	2.1	1.8	27	30	100.0	0.0
c. Gonadal germ cell	1	4	2	5	47	12	59	1.0	27.9	3.3	59.6	2.0	2.1	0.8	1.9	17.2	1.6	5.1	24	110	100.0	0.0
d. Gonadal carcinoma	0	0	0	1	2	1	3	0.1	2.3	0.2	3.0	-	-	-	0.4	0.7	0.1	0.3	2	6	100.0	0.0
e. Unspecified gonadal	0	1	0	2	2	3	5	0.3	7.0	0.3	5.1	-	0.5	-	0.8	0.7	0.4	0.5	6	10	100.0	0.0
XI CARCINOMA & MELANOMA	2	5	10	32	137	49	186	4.1	100.0	10.5	100.0	4.1	2.6	4.0	12.3	50.1	6.0	15.9	96	347	97.8	0.0
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Thyroid	0	0	4	11	48	15	63	1.3	30.6	3.6	33.9	-	-	1.6	4.2	17.6	1.7	5.3	29	117	100.0	0.0
c. Nasopharyngeal	0	0	0	0	2	0	2	-	-	0.1	1.1	-	-	-	-	0.7	-	0.2	-	4	100.0	0.0
d. Melanoma	2	5	4	11	56	22	78	1.9	44.9	4.4	41.9	4.1	2.6	1.6	4.2	20.5	2.9	6.8	44	146	96.2	0.0
e. Skin carcinoma	0	0	0	3	0	3	3	0.3	6.1	0.2	1.6	-	-	-	1.2	-	0.3	0.3	6	6	100.0	0.0
f. Other & unspecified	0	0	2	7	31	9	40	0.8	18.4	2.3	21.5	-	-	0.8	2.7	11.3	1.0	3.4	18	74	97.5	0.0
XII OTHER & UNSPECIFIED	1	1	0	2	5	4	9	0.3	100.0	0.5	100.0	2.0	0.5	-	0.8	1.8	0.5	0.8	8	17	55.6	0.0
a. Other specified	0	1	0	0	0	1	1	0.1	25.0	0.1	11.1	-	0.5	-	-	-	0.2	0.1	2	2	100.0	0.0
b. Other unspecified	1	0	0	2	5	3	8	0.3	75.0	0.5	88.9	2.0	-	-	0.8	1.8	0.4	0.7	6	15	50.0	0.0
TOTAL	138	422	280	346	578	1186	1764	100.0	100.0	100.0	100.0	282.4	217.8	112.5	133.4	211.5	164.4	175.0	2384	3441	92.7	0.4

† includes 92 non-malignant ‡ includes 2 non-malignant

Please consult the quality indicators for this registry

USA, South Carolina, NH White (1998-2012)

	Males										M/F ratio		Females									
	Number of cases in age groups										0-14	0-19	Number of cases in age groups									
	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	16	98	51	41	52	206	258	57.4	52.8	1.4	1.4	13	71	38	30	32	152	184	44.5	39.9		
a. Lymphoid	6	89	44	32	28	171	199	47.7	41.5	1.5	1.6	8	57	33	18	12	116	128	34.2	28.5		
b. Acute myeloid	6	7	7	7	19	27	46	7.3	8.7	1.0	1.1	2	12	4	9	14	27	41	7.7	8.3		
c. CMD	2	0	0	0	2	2	4	0.6	0.8	0.5	0.6	1	0	1	2	3	4	7	1.1	1.3		
d. MDS & other	1	1	0	1	0	3	3	0.8	0.7	1.0	0.6	1	1	0	1	2	3	5	0.9	1.0		
e. Unspecified	1	1	0	1	3	3	6	0.8	1.1	1.5	2.0	1	1	0	0	1	2	3	0.7	0.7		
II LYMPHOMA & RELATED	3	14	30	34	59	81	140	20.3	25.2	2.1	1.4	1	5	4	29	64	39	103	9.7	18.4		
a. Hodgkin	0	3	5	15	35	23	58	5.5	9.8	1.1	0.8	0	0	0	21	51	21	72	4.8	12.4		
b. Non-Hodgkin except BL	2	3	10	11	21	26	47	6.5	8.4	2.0	2.0	1	4	4	4	11	13	24	3.6	4.7		
c. Burkitt (BL)	0	7	9	4	2	20	22	5.3	4.5	5.0	5.5	0	0	0	4	0	4	0.9	0.7			
d. Lymphoreticular	1	0	2	3	1	6	7	1.5	1.3	6.0	3.5	0	1	0	0	1	1	2	0.3	0.4		
e. Unspecified	0	1	4	1	0	6	6	1.5	1.2	-	6.0	0	0	0	0	1	0	1	-	0.2		
III CNS NEOPLASMS †	11	43	48	41	44	143	187	37.9	36.4	0.9	0.9	10	55	43	54	50	162	212	45.1	43.4		
a. Ependymoma	2	5	0	3	6	10	16	2.8	3.2	0.7	0.9	3	6	5	1	2	15	17	4.5	3.8		
b. Astrocytoma	4	17	24	16	18	61	79	16.1	15.4	0.9	0.9	5	28	15	20	17	68	85	19.4	17.9		
c. CNS embryonal	3	11	12	8	4	34	38	9.1	7.7	1.2	1.2	1	12	8	7	4	28	32	8.0	6.9		
d. Other gliomas	1	4	5	2	5	12	17	3.3	3.3	0.7	0.8	0	5	7	5	5	17	22	4.6	4.4		
e. Other specified	1	4	6	10	10	21	31	5.3	5.7	0.8	0.7	0	3	7	17	20	27	47	6.8	8.6		
f. Unspecified CNS	0	2	1	2	1	5	6	1.3	1.2	0.7	0.7	1	1	1	4	2	7	9	1.8	1.8		
IV NEUROBLASTOMA	17	26	4	2	0	49	49	14.9	11.5	1.6	1.6	14	12	3	1	0	30	30	9.5	7.4		
a. (Ganglio)neuroblastoma	17	26	4	1	0	48	48	14.6	11.3	1.6	1.6	14	12	3	1	0	30	30	9.5	7.4		
b. Peripheral nervous	0	0	0	1	0	1	1	0.2	0.2	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	5	6	0	0	0	11	11	3.4	2.7	0.8	0.8	10	2	1	0	0	13	13	4.2	3.2		
VI RENAL TUMOURS	6	16	7	2	2	31	33	9.1	7.3	0.8	0.9	6	21	7	3	1	37	38	11.4	9.0		
a. Nephroblastoma	5	16	6	0	1	27	28	8.1	6.4	0.8	0.8	6	21	7	2	0	36	36	11.1	8.6		
b. Renal carcinoma	1	0	0	1	1	2	3	0.5	0.6	2.0	1.5	0	0	0	1	1	1	2	0.2	0.3		
c. Unspecified	0	0	1	1	0	2	2	0.5	0.4	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	3	7	1	2	1	13	14	3.8	3.1	1.9	1.8	1	6	0	0	1	7	8	2.3	1.9		
a. Hepatoblastoma	3	7	0	2	0	12	12	3.6	2.8	2.0	2.0	1	5	0	0	0	6	6	2.0	1.5		
b. Hepatic carcinoma	0	0	1	0	1	1	2	0.3	0.4	1.0	1.0	0	1	0	0	1	1	2	0.3	0.4		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	3	6	16	25	25	50	5.9	8.6	0.8	1.4	0	0	6	24	7	30	37	7.1	6.7		
a. Osteosarcoma	0	1	2	10	10	13	23	3.0	3.9	0.7	1.1	0	0	4	14	2	18	20	4.3	3.7		
b. Chondrosarcoma	0	0	0	0	1	0	1	-	0.2	0.0	1.0	0	0	0	1	0	1	1	0.2	0.2		
c. Ewing & related	0	2	3	4	12	9	21	2.3	3.7	1.0	1.8	0	0	2	7	3	9	12	2.1	2.2		
d. Other specified	0	0	0	2	1	2	3	0.4	0.5	1.0	1.0	0	0	0	2	1	2	3	0.5	0.5		
e. Unspecified	0	0	1	0	1	1	2	0.3	0.4	-	2.0	0	0	0	0	1	0	1	-	0.2		
IX SOFT TISSUE SARCOMA	4	11	8	9	21	32	53	8.7	10.1	1.1	1.1	6	6	8	9	21	29	50	8.1	9.9		
a. Rhabdomyosarcoma	0	8	5	2	11	15	26	4.2	5.0	1.7	1.9	0	5	1	3	5	9	14	2.6	2.9		
b. Fibrosarcoma	3	1	1	1	1	6	7	1.7	1.5	1.0	0.6	4	1	1	0	5	6	11	1.9	2.3		
c. Kaposi sarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	1	2	1	6	6	10	16	2.5	2.9	1.4	1.1	0	0	3	4	8	7	15	1.7	2.7		
e. Unspecified	0	0	1	0	3	1	4	0.3	0.7	0.1	0.4	2	0	3	2	3	7	10	1.9	2.0		
X GERM CELL TUMOURS	3	8	1	8	48	20	68	5.4	11.9	0.9	2.2	6	6	4	7	8	23	31	6.6	6.5		
a. CNS germ cell ‡	2	0	1	6	3	9	12	2.2	2.2	1.8	2.4	1	1	2	1	0	5	5	1.4	1.1		
b. Other extragonadal	0	4	0	0	1	4	5	1.2	1.1	0.4	0.5	5	4	0	0	1	9	10	2.9	2.4		
c. Gonadal germ cell	1	3	0	2	43	6	49	1.7	8.2	1.0	4.9	0	1	2	3	4	6	10	1.5	1.9		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	2	1	3	0.2	0.5		
e. Unspecified gonadal	0	1	0	0	1	1	2	0.3	0.4	0.5	0.7	0	0	0	2	1	2	3	0.5	0.5		
XI CARCINOMA & MELANOMA	1	3	5	14	41	23	64	5.6	10.9	0.9	0.5	1	2	5	18	96	26	122	6.4	21.3		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	2	5	8	7	15	1.6	2.5	0.9	0.3	0	0	2	6	40	8	48	1.9	8.3		
c. Nasopharyngeal	0	0	0	0	1	0	1	-	0.2	-	1.0	0	0	0	0	1	0	1	-	0.2		
d. Melanoma	1	3	2	4	16	10	26	2.6	4.6	0.8	0.5	1	2	2	7	40	12	52	3.1	9.2		
e. Skin carcinoma	0	0	0	1	0	1	1	0.2	0.2	0.5	0.5	0	0	0	2	0	2	2	0.5	0.4		
f. Other & unspecified	0	0	1	4	16	5	21	1.1	3.4	1.3	1.1	0	0	1	3	15	4	19	1.0	3.3		
XII OTHER & UNSPECIFIED	1	1	0	0	2	2	4	0.6	0.8	1.0	0.8	0	0	0	2	3	2	5	0.5	0.9		
a. Other specified	0	1	0	0	0	1	1	0.3	0.2	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	1	0	0	0	2	1	3	0.3	0.6	0.5	0.6	0	0	0	2	3	2	5	0.5	0.9		
TOTAL	70	236	161	169	295	636	931	173.0	181.2	1.2	1.1	68	186	119	177	283	550	833	155.4	168.4		

† includes 37 non-malignant in males and 55 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, South Carolina, NH White (1998-2012)

	Age group	Males	Females
Person-years	0	249 415	239 180
	1-4	992 062	945 428
	5-9	1 276 339	1 211 471
	10-14	1 331 282	1 263 375
	15-19	1 406 683	1 326 311
Total	0-14	3 849 098	3 659 454
	0-19	5 255 781	4 985 765
Average annual population	0-14	256 607	243 964
	0-19	350 385	332 384

Please consult the quality indicators for this registry