

USA, Tennessee, Black (1999-2012)

	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	8	46	36	32	37	122	159	23.5	100.0	22.1	100.0	32.9	48.0	29.5	25.0	29.0	34.2	33.0	497	642	95.6	0.0
a. Lymphoid	3	35	26	21	12	85	97	16.3	69.7	13.5	61.0	12.3	36.5	21.3	16.4	9.4	23.9	20.6	347	394	99.0	0.0
b. Acute myeloid	1	8	7	6	17	22	39	4.2	18.0	5.4	24.5	4.1	8.3	5.7	4.7	13.3	6.1	7.7	90	156	100.0	0.0
c. CMD	2	2	1	1	6	6	12	1.2	4.9	1.7	7.5	8.2	2.1	0.8	0.8	4.7	1.8	2.4	25	48	50.0	0.0
d. MDS & other	2	0	1	2	1	5	6	1.0	4.1	0.8	3.8	8.2	-	0.8	1.6	0.8	1.4	1.2	20	24	100.0	0.0
e. Unspecified	0	1	1	2	1	4	5	0.8	3.3	0.7	3.1	-	1.0	0.8	1.6	0.8	1.0	1.0	16	20	100.0	0.0
II LYMPHOMA & RELATED	1	6	14	27	54	48	102	9.2	100.0	14.1	100.0	4.1	6.3	11.5	21.1	42.3	12.1	18.9	192	403	99.0	0.0
a. Hodgkin	0	0	2	16	32	18	50	3.5	37.5	6.9	49.0	-	-	1.6	12.5	25.1	4.2	8.9	71	196	100.0	0.0
b. Non-Hodgkin except BL	1	2	7	10	22	20	42	3.8	41.7	5.8	41.2	4.1	2.1	5.7	7.8	17.2	5.1	7.8	80	166	97.6	0.0
c. Burkitt (BL)	0	3	3	1	0	7	7	1.3	14.6	1.0	6.9	-	3.1	2.5	0.8	-	2.0	1.5	29	29	100.0	0.0
d. Lymphoreticular	0	1	2	0	0	3	3	0.6	6.3	0.4	2.9	-	1.0	1.6	-	-	0.9	0.7	12	12	100.0	0.0
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
III CNS NEOPLASMS †	9	37	54	44	36	144	180	27.7	100.0	25.0	100.0	37.0	38.6	44.2	34.4	28.2	39.1	36.6	584	725	78.9	0.6
a. Ependymoma	1	4	1	2	0	8	8	1.5	5.6	1.1	4.4	4.1	4.2	0.8	1.6	-	2.3	1.8	33	33	100.0	0.0
b. Astrocytoma	2	14	19	15	8	50	58	9.6	34.7	8.0	32.2	8.2	14.6	15.6	11.7	6.3	13.6	11.9	203	234	91.4	0.0
c. CNS embryonal	3	6	7	2	5	18	23	3.5	12.5	3.2	12.8	12.3	6.3	5.7	1.6	3.9	5.2	4.9	74	94	100.0	0.0
d. Other gliomas	3	5	8	8	5	24	29	4.6	16.7	4.0	16.1	12.3	5.2	6.6	6.3	3.9	6.5	5.9	97	117	51.7	0.0
e. Other specified	0	4	15	15	16	34	50	6.5	23.6	6.9	27.8	-	4.2	12.3	11.7	12.5	8.7	9.5	137	199	68.0	0.0
f. Unspecified CNS	0	4	4	2	2	10	12	1.9	6.9	1.7	6.7	-	4.2	3.3	1.6	1.6	2.8	2.5	41	49	75.0	8.3
IV NEUROBLASTOMA	7	13	9	3	0	32	32	6.2	100.0	4.4	100.0	28.8	13.6	7.4	2.3	-	9.5	7.4	132	132	100.0	0.0
a. (Ganglio)neuroblastoma	7	13	9	3	0	32	32	6.2	100.0	4.4	100.0	28.8	13.6	7.4	2.3	-	9.5	7.4	132	132	100.0	0.0
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
V RETINOBLASTOMA	6	12	0	0	0	18	18	3.5	100.0	2.5	100.0	24.7	12.5	-	-	-	5.8	4.5	75	75	77.8	0.0
VI RENAL TUMOURS	7	23	3	2	8	35	43	6.7	100.0	6.0	100.0	28.8	24.0	2.5	1.6	6.3	10.9	9.9	145	176	100.0	0.0
a. Nephroblastoma	7	23	3	1	3	34	37	6.5	97.1	5.1	86.0	28.8	24.0	2.5	0.8	2.4	10.7	8.8	141	153	100.0	0.0
b. Renal carcinoma	0	0	0	1	5	1	6	0.2	2.9	0.8	14.0	-	-	-	0.8	3.9	0.2	1.1	4	23	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VII HEPATIC TUMOURS	2	4	0	0	1	6	7	1.2	100.0	1.0	100.0	8.2	4.2	-	-	0.8	1.9	1.7	25	29	85.7	0.0
a. Hepatoblastoma	1	3	0	0	0	4	4	0.8	66.7	0.6	57.1	4.1	3.1	-	-	-	1.3	1.0	17	17	100.0	0.0
b. Hepatic carcinoma	0	1	0	0	1	1	2	0.2	16.7	0.3	28.6	-	1.0	-	-	0.8	0.3	0.4	4	8	100.0	0.0
c. Unspecified	1	0	0	0	0	1	1	0.2	16.7	0.1	14.3	4.1	-	-	-	-	0.3	0.2	4	4	0.0	0.0
VIII BONE TUMOURS	0	2	7	11	14	20	34	3.8	100.0	4.7	100.0	-	2.1	5.7	8.6	11.0	5.0	6.3	80	135	100.0	0.0
a. Osteosarcoma	0	1	7	10	13	18	31	3.5	90.0	4.3	91.2	-	1.0	5.7	7.8	10.2	4.4	5.7	72	123	100.0	0.0
b. Chondrosarcoma	0	1	0	1	1	2	3	0.4	10.0	0.4	8.8	-	1.0	-	0.8	0.8	0.5	0.6	8	12	100.0	0.0
c. Ewing & related	0	0	0	0	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	4	14	11	12	18	41	59	7.9	100.0	8.2	100.0	16.4	14.6	9.0	9.4	14.1	11.4	12.0	167	237	100.0	0.0
a. Rhabdomyosarcoma	0	9	5	5	4	19	23	3.7	46.3	3.2	39.0	-	9.4	4.1	3.9	3.1	5.4	4.9	77	93	100.0	0.0
b. Fibrosarcoma	2	1	1	2	3	6	9	1.2	14.6	1.2	15.3	8.2	1.0	0.8	1.6	2.4	1.7	1.8	24	36	100.0	0.0
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	-	0.1	1.7	-	-	-	-	0.8	-	0.2	-	4	100.0	0.0
d. Other specified	1	4	3	4	6	12	18	2.3	29.3	2.5	30.5	4.1	4.2	2.5	3.1	4.7	3.3	3.6	49	72	100.0	0.0
e. Unspecified	1	0	2	1	4	4	8	0.8	9.8	1.1	13.6	4.1	-	1.6	0.8	3.1	1.1	1.5	16	32	100.0	0.0
X GERM CELL TUMOURS	7	0	8	10	8	25	33	4.8	100.0	4.6	100.0	28.8	-	6.6	7.8	6.3	6.6	6.6	101	132	93.9	0.0
a. CNS germ cell ‡	2	0	2	3	1	7	8	1.3	28.0	1.1	24.2	8.2	-	1.6	2.3	0.8	1.9	1.6	28	32	75.0	0.0
b. Other extragonadal	5	0	1	1	0	7	7	1.3	28.0	1.0	21.2	20.5	-	0.8	0.8	-	2.1	1.6	29	29	100.0	0.0
c. Gonadal germ cell	0	0	5	6	6	11	17	2.1	44.0	2.4	51.5	-	-	4.1	4.7	4.7	2.7	3.1	44	67	100.0	0.0
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
e. Unspecified gonadal	0	0	0	0	1	0	1	-	-	0.1	3.0	-	-	-	-	0.8	-	0.2	-	4	100.0	0.0
XI CARCINOMA & MELANOMA	0	0	2	22	22	24	46	4.6	100.0	6.4	100.0	-	-	1.6	17.2	17.2	5.5	8.2	94	180	100.0	0.0
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b. Thyroid	0	0	1	7	6	8	14	1.5	33.3	1.9	30.4	-	-	0.8	5.5	4.7	1.9	2.5	31	55	100.0	0.0
c. Nasopharyngeal	0	0	0	6	6	6	12	1.2	25.0	1.7	26.1	-	-	-	4.7	4.7	1.4	2.1	23	47	100.0	0.0
d. Melanoma	0	0	0	0	2	0	2	-	-	0.3	4.3	-	-	-	-	1.6	-	0.4	-	8	100.0	0.0
e. Skin carcinoma	0	0	0	1	0	1	1	0.2	4.2	0.1	2.2	-	-	-	0.8	-	0.2	0.2	4	4	100.0	0.0
f. Other & unspecified	0	0	1	8	8	9	17	1.7	37.5	2.4	37.0	-	-	0.8	6.3	6.3	2.1	3.0	35	67	100.0	0.0
XII OTHER & UNSPECIFIED	0	2	2	1	3	5	8	1.0	100.0	1.1	100.0	-	2.1	1.6	0.8	2.4	1.4	1.6	20	32	75.0	12.5
a. Other specified	0	0	1	0	2	1	3	0.2	20.0	0.4	37.5	-	-	0.8	-	1.6	0.3	0.6	4	12	100.0	0.0
b. Other unspecified	0	2	1	1	1	4	5	0.8	80.0	0.7	62.5	-	2.1	0.8	0.8	0.8	1.1	1.1	16	20	60.0	20.0
TOTAL	51	159	146	164	201	520	721	100.0	100.0	100.0	100.0	209.6	165.9	119.5	128.2	157.5	143.4	146.6	2112	2900	92.4	0.3

† includes 54 non-malignant ‡ includes 1 non-malignant

Please consult the quality indicators for this registry

USA, Tennessee, Black (1999-2012)

	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	6	24	20	20	21	70	91	38.4	37.1	1.3	1.3	2	22	16	12	16	52	68	29.8	28.7		
a. Lymphoid	2	17	14	12	8	45	53	24.7	22.0	1.1	1.2	1	18	12	9	4	40	44	23.0	19.2		
b. Acute myeloid	0	5	4	4	8	13	21	7.1	8.3	1.4	1.2	1	3	3	2	9	9	18	5.1	7.2		
c. CMD	2	2	1	1	3	6	9	3.5	3.8	-	3.0	0	0	0	0	3	0	3	-	1.1		
d. MDS & other	2	0	0	1	1	3	4	1.7	1.7	1.5	2.0	0	0	1	1	0	2	2	1.0	0.8		
e. Unspecified	0	0	1	2	1	3	4	1.4	1.4	3.0	4.0	0	1	0	0	0	1	1	0.7	0.5		
II LYMPHOMA & RELATED	1	3	11	19	26	34	60	16.8	22.1	2.4	1.4	0	3	3	8	28	14	42	7.3	15.6		
a. Hodgkin	0	0	2	10	11	12	23	5.5	8.1	2.0	0.9	0	0	0	6	21	6	27	2.8	9.6		
b. Non-Hodgkin except BL	1	1	5	8	15	15	30	7.5	11.0	3.0	2.5	0	1	2	2	7	5	12	2.6	4.5		
c. Burkitt (BL)	0	2	3	1	0	6	6	3.3	2.5	6.0	6.0	0	1	0	0	0	1	1	0.7	0.5		
d. Lymphoreticular	0	0	1	0	0	1	1	0.5	0.4	0.5	0.5	0	1	1	0	0	2	2	1.2	0.9		
e. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	3	20	29	17	15	69	84	37.3	34.2	0.9	0.9	6	17	25	27	21	75	96	40.9	39.1		
a. Ependymoma	0	3	0	1	0	4	4	2.4	1.8	1.0	1.0	1	1	1	1	0	4	4	2.3	1.8		
b. Astrocytoma	1	6	12	4	4	23	27	12.5	11.1	0.9	0.9	1	8	7	11	4	27	31	14.7	12.8		
c. CNS embryonal	0	4	4	2	2	10	12	5.5	5.0	1.3	1.1	3	2	3	0	3	8	11	4.9	4.8		
d. Other gliomas	2	3	4	4	1	13	14	7.1	5.8	1.2	0.9	1	2	4	4	4	11	15	5.9	6.0		
e. Other specified	0	3	7	5	7	15	22	7.8	8.5	0.8	0.8	0	1	8	10	9	19	28	9.5	10.6		
f. Unspecified CNS	0	1	2	1	1	4	5	2.1	2.0	0.7	0.7	0	3	2	1	1	6	7	3.5	3.1		
IV NEUROBLASTOMA	4	7	5	3	0	19	19	10.9	8.5	1.5	1.5	3	6	4	0	0	13	13	8.0	6.2		
a. (Ganglioneuroblastoma	4	7	5	3	0	19	19	10.9	8.5	1.5	1.5	3	6	4	0	0	13	13	8.0	6.2		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
V RETINOBLASTOMA	4	11	0	0	0	15	15	9.5	7.4	5.0	5.0	2	1	0	0	0	3	3	2.0	1.5		
VI RENAL TUMOURS	4	8	1	2	4	15	19	9.0	8.4	0.8	0.8	3	15	2	0	4	20	24	12.8	11.4		
a. Nephroblastoma	4	8	1	1	3	14	17	8.6	7.7	0.7	0.9	3	15	2	0	0	20	20	12.8	9.9		
b. Renal carcinoma	0	0	0	1	1	1	2	0.4	0.7	-	0.5	0	0	0	0	4	0	4	-	1.4		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	1	3	0	0	0	4	4	2.5	2.0	2.0	1.3	1	1	0	0	1	2	3	1.3	1.4		
a. Hepatoblastoma	1	2	0	0	0	3	3	1.9	1.5	3.0	3.0	0	1	0	0	0	1	1	0.7	0.5		
b. Hepatic carcinoma	0	1	0	0	0	1	1	0.6	0.5	-	1.0	0	0	0	0	1	0	1	-	0.4		
c. Unspecified	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	0	0	0	1	1	0.7	0.5		
VIII BONE TUMOURS	0	1	2	5	5	8	13	3.9	4.8	0.7	0.6	0	1	5	6	9	12	21	6.1	7.9		
a. Osteosarcoma	0	1	2	5	5	8	13	3.9	4.8	0.8	0.7	0	0	5	5	8	10	18	5.0	6.7		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	0.0	0.0	0	1	0	1	1	2	3	1.1	1.2		
c. Ewing & related	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
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	8	6	6	8	22	30	12.2	12.2	1.2	1.0	2	6	5	6	10	19	29	10.7	11.8		
a. Rhabdomyosarcoma	0	4	3	3	2	10	12	5.4	4.9	1.1	1.1	0	5	2	2	2	9	11	5.3	4.8		
b. Fibrosarcoma	1	1	0	0	0	2	2	1.3	1.0	0.5	0.3	1	0	1	2	3	4	7	2.1	2.7		
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	0.4	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	3	2	2	3	7	10	3.8	4.0	1.4	1.3	1	1	1	2	3	5	8	2.8	3.2		
e. Unspecified	1	0	1	1	2	3	5	1.6	1.9	3.0	1.7	0	0	1	0	2	1	3	0.5	1.1		
X GERM CELL TUMOURS	2	0	2	3	3	7	10	3.7	3.9	0.4	0.4	5	0	6	7	5	18	23	9.7	9.3		
a. CNS germ cell ‡	0	0	1	3	1	4	5	1.9	1.8	1.3	1.7	2	0	1	0	0	3	3	1.8	1.4		
b. Other extragonadal	2	0	0	0	0	2	2	1.3	1.0	0.4	0.4	3	0	1	1	0	5	5	3.0	2.3		
c. Gonadal germ cell	0	0	1	0	2	1	3	0.5	1.1	0.1	0.2	0	0	4	6	4	10	14	4.9	5.2		
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	1	0	1	-	0.4		
XI CARCINOMA & MELANOMA	0	0	2	10	7	12	19	5.5	6.7	1.0	0.7	0	0	0	12	15	12	27	5.5	9.6		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	1	3	0	4	4	1.9	1.4	1.0	0.4	0	0	0	4	6	4	10	1.8	3.6		
c. Nasopharyngeal	0	0	0	4	4	4	8	1.8	2.8	2.0	2.0	0	0	0	2	2	2	4	0.9	1.4		
d. Melanoma	0	0	0	0	1	0	1	-	0.4	-	1.0	0	0	0	0	1	0	1	-	0.4		
e. Skin carcinoma	0	0	0	1	0	1	1	0.4	0.3	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	1	2	2	3	5	1.4	1.8	0.5	0.4	0	0	0	6	6	6	12	2.8	4.3		
XII OTHER & UNSPECIFIED	0	2	0	1	1	3	4	1.7	1.7	1.5	1.0	0	0	2	0	2	2	4	1.1	1.5		
a. Other specified	0	0	0	0	1	0	1	-	0.4	0.0	0.5	0	0	1	0	1	1	2	0.5	0.8		
b. Other unspecified	0	2	0	1	0	3	3	1.7	1.3	3.0	1.5	0	0	1	0	1	1	2	0.5	0.8		
TOTAL	27	87	78	86	90	278	368	151.6	149.0	1.1	1.0	24	72	68	78	111	242	353	135.1	144.0		

† includes 26 non-malignant in males and 28 non-malignant in females ‡ includes 1 non-malignant in females

Please consult the quality indicators for this registry

USA, Tennessee, Black (1999-2012)

	Age group	Males	Females
Person-years	0	123 770	119 569
	1-4	484 977	473 290
	5-9	619 009	602 273
	10-14	649 860	629 842
	15-19	642 056	634 426
Total	0-14	1 877 616	1 824 974
	0-19	2 519 672	2 459 400
Average annual population	0-14	134 115	130 355
	0-19	179 977	175 671

Please consult the quality indicators for this registry