

USA, Missouri, Black (1996-2012)

	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	3	45	22	35	29	105	134	26.1	100.0	23.0	100.0	14.8	55.8	21.2	32.8	27.5	34.8	33.2	508	646	97.8	1.5	
a. Lymphoid	2	39	19	21	14	81	95	20.1	77.1	16.3	70.9	9.9	48.4	18.3	19.7	13.3	27.4	24.2	394	460	96.8	2.1	
b. Acute myeloid	1	4	2	10	11	17	28	4.2	16.2	4.8	20.9	4.9	5.0	1.9	9.4	10.4	5.3	6.4	81	133	100.0	0.0	
c. CMD	0	0	1	1	3	2	5	0.5	1.9	0.9	3.7	-	-	1.0	0.9	2.8	0.6	1.1	10	24	100.0	0.0	
d. MDS & other	0	2	0	1	0	3	3	0.7	2.9	0.5	2.2	-	2.5	-	0.9	-	1.0	0.8	15	15	100.0	0.0	
e. Unspecified	0	0	0	2	1	2	3	0.5	1.9	0.5	2.2	-	-	-	1.9	0.9	0.5	0.6	9	14	100.0	0.0	
II LYMPHOMA & RELATED	0	4	9	27	45	40	85	10.0	100.0	14.6	100.0	-	5.0	8.7	25.3	42.6	11.7	18.6	190	403	98.8	0.0	
a. Hodgkin	0	1	3	11	28	15	43	3.7	37.5	7.4	50.6	-	1.2	2.9	10.3	26.5	4.3	9.3	71	204	100.0	0.0	
b. Non-Hodgkin except BL	0	3	3	13	16	19	35	4.7	47.5	6.0	41.2	-	3.7	2.9	12.2	15.2	5.6	7.8	90	166	100.0	0.0	
c. Burkitt (BL)	0	0	3	2	0	5	5	1.2	12.5	0.9	5.9	-	-	2.9	1.9	-	1.5	1.1	24	24	100.0	0.0	
d. Lymphoreticular	0	0	0	1	0	1	1	0.2	2.5	0.2	1.2	-	-	-	0.9	-	0.3	0.2	5	5	100.0	0.0	
e. Unspecified	0	0	0	0	1	0	1	-	-	0.2	1.2	-	-	-	0.9	-	-	0.2	-	5	5	0.0	0.0
III CNS NEOPLASMS †	3	24	35	26	27	88	115	21.9	100.0	19.8	100.0	14.8	29.8	33.7	24.4	25.6	28.3	27.7	425	553	83.5	0.9	
a. Ependymoma	0	5	1	2	1	8	9	2.0	9.1	1.5	7.8	-	6.2	1.0	1.9	0.9	2.8	2.4	39	44	88.9	0.0	
b. Astrocytoma	2	10	21	9	5	42	47	10.4	47.7	8.1	40.9	9.9	12.4	20.2	8.4	4.7	13.6	11.6	203	227	93.6	0.0	
c. CNS embryonal	1	7	7	6	1	21	22	5.2	23.9	3.8	19.1	4.9	8.7	6.7	5.6	0.9	6.9	5.5	102	106	100.0	0.0	
d. Other gliomas	0	1	4	3	1	8	9	2.0	9.1	1.5	7.8	-	1.2	3.9	2.8	0.9	2.4	2.1	38	43	55.6	0.0	
e. Other specified	0	1	1	5	19	7	26	1.7	8.0	4.5	22.6	-	1.2	1.0	4.7	18.0	2.1	5.6	33	123	61.5	0.0	
f. Unspecified CNS	0	0	1	1	0	2	2	0.5	2.3	0.3	1.7	-	-	1.0	0.9	-	0.6	0.5	10	10	50.0	50.0	
IV NEUROBLASTOMA	9	17	6	1	1	33	34	8.2	100.0	5.8	100.0	44.5	21.1	5.8	0.9	0.9	12.1	9.6	163	167	100.0	0.0	
a. (Ganglio)neuroblastoma	9	17	6	0	1	32	33	8.0	97.0	5.7	97.1	44.5	21.1	5.8	-	0.9	11.9	9.4	158	163	100.0	0.0	
b. Peripheral nervous	0	0	0	1	0	1	1	0.2	3.0	0.2	2.9	-	-	-	0.9	-	0.3	0.2	5	5	100.0	0.0	
V RETINOBLASTOMA	5	4	2	0	0	11	11	2.7	100.0	1.9	100.0	24.7	5.0	1.9	-	-	4.1	3.2	54	54	72.7	9.1	
VI RENAL TUMOURS	4	25	7	1	1	37	38	9.2	100.0	6.5	100.0	19.8	31.0	6.7	0.9	0.9	13.6	10.7	182	187	97.4	2.6	
a. Nephroblastoma	4	25	7	1	0	37	37	9.2	100.0	6.4	97.4	19.8	31.0	6.7	0.9	-	13.6	10.5	182	182	97.3	2.7	
b. Renal carcinoma	0	0	0	0	1	0	1	-	-	0.2	2.6	-	-	-	-	0.9	-	0.2	-	5	5	100.0	0.0
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VII HEPATIC TUMOURS	1	4	1	1	4	7	11	1.7	100.0	1.9	100.0	4.9	5.0	1.0	0.9	3.8	2.5	2.8	34	53	100.0	0.0	
a. Hepatoblastoma	1	4	0	1	0	6	6	1.5	85.7	1.0	54.5	4.9	5.0	-	0.9	-	2.2	1.7	29	29	100.0	0.0	
b. Hepatic carcinoma	0	0	1	0	4	1	5	0.2	14.3	0.9	45.5	-	-	1.0	-	3.8	0.3	1.1	5	24	100.0	0.0	
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VIII BONE TUMOURS	0	0	6	12	11	18	29	4.5	100.0	5.0	100.0	-	-	5.8	11.3	10.4	5.1	6.3	85	137	100.0	0.0	
a. Osteosarcoma	0	0	5	12	11	17	28	4.2	94.4	4.8	96.6	-	-	4.8	11.3	10.4	4.8	6.1	80	132	100.0	0.0	
b. Chondrosarcoma	0	0	0	0	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	1	0	0	1	1	0.2	5.6	0.2	3.4	-	-	1.0	-	-	0.3	0.2	5	5	100.0	0.0	
IX SOFT TISSUE SARCOMA	6	5	5	14	21	30	51	7.5	100.0	8.8	100.0	29.7	6.2	4.8	13.1	19.9	9.6	11.9	144	244	100.0	0.0	
a. Rhabdomyosarcoma	3	3	3	5	5	14	19	3.5	46.7	3.3	37.3	14.8	3.7	2.9	4.7	4.7	4.6	4.6	68	91	100.0	0.0	
b. Fibrosarcoma	1	0	1	1	2	3	5	0.7	10.0	0.9	9.8	4.9	-	1.0	0.9	1.9	1.0	1.2	14	24	100.0	0.0	
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	-	0.2	2.0	-	-	-	-	0.9	-	0.2	-	5	5	100.0	0.0
d. Other specified	1	2	1	5	10	9	19	2.2	30.0	3.3	37.3	4.9	2.5	1.0	4.7	9.5	2.8	4.3	43	91	100.0	0.0	
e. Unspecified	1	0	0	3	3	4	7	1.0	13.3	1.2	13.7	4.9	-	-	2.8	2.8	1.2	1.6	19	33	100.0	0.0	
X GERM CELL TUMOURS	2	0	2	4	14	8	22	2.0	100.0	3.8	100.0	9.9	-	1.9	3.8	13.3	2.5	4.9	38	105	100.0	0.0	
a. CNS germ cell	0	0	0	2	2	2	4	0.5	25.0	0.7	18.2	-	-	-	1.9	1.9	0.5	0.8	9	19	100.0	0.0	
b. Other extragonadal	1	0	0	0	3	1	4	0.2	12.5	0.7	18.2	4.9	-	-	-	2.8	0.4	0.9	5	19	100.0	0.0	
c. Gonadal germ cell	1	0	2	2	6	5	11	1.2	62.5	1.9	50.0	4.9	-	1.9	1.9	5.7	1.6	2.5	24	52	100.0	0.0	
d. Gonadal carcinoma	0	0	0	0	2	0	2	-	-	0.3	9.1	-	-	-	-	1.9	-	0.4	-	9	9	100.0	0.0
e. Unspecified gonadal	0	0	0	0	1	0	1	-	-	0.2	4.5	-	-	-	-	0.9	-	0.2	-	5	5	100.0	0.0
XI CARCINOMA & MELANOMA	0	2	8	13	25	23	48	5.7	100.0	8.2	100.0	-	2.5	7.7	12.2	23.7	6.8	10.6	109	228	100.0	0.0	
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
b. Thyroid	0	0	1	5	3	6	9	1.5	26.1	1.5	18.8	-	-	1.0	4.7	2.8	1.7	1.9	28	42	100.0	0.0	
c. Nasopharyngeal	0	0	0	6	6	6	12	1.5	26.1	2.1	25.0	-	-	-	5.6	5.7	1.6	2.5	28	57	100.0	0.0	
d. Melanoma	0	1	3	0	1	4	5	1.0	17.4	0.9	10.4	-	1.2	2.9	-	0.9	1.3	1.2	19	24	100.0	0.0	
e. Skin carcinoma	0	0	1	0	0	1	1	0.2	4.3	0.2	2.1	-	-	1.0	-	-	0.3	0.2	5	5	100.0	0.0	
f. Other & unspecified	0	1	3	2	15	6	21	1.5	26.1	3.6	43.8	-	1.2	2.9	1.9	14.2	1.9	4.6	29	100	100.0	0.0	
XII OTHER & UNSPECIFIED	2	0	0	0	2	2	4	0.5	100.0	0.7	100.0	9.9	-	-	-	1.9	0.8	1.0	10	19	25.0	50.0	
a. Other specified	0	0	0	0	1	0	1	-	-	0.2	25.0	-	-	-	-	0.9	-	0.2	-	5	5	100.0	0.0
b. Other unspecified	2	0	0	0	1	2	3	0.5	100.0	0.5	75.0	9.9	-	-	-	0.9	0.8	0.8	10	15	0.0	66.7	
TOTAL	35	130	103	134	180	402	582	100.0	100.0	100.0	100.0	173.2	161.3	99.3	125.7	170.5	131.9	140.6	1944	2796	94.8	1.2	

† includes 30 non-malignant

Please consult the quality indicators for this registry

USA, Missouri, Black (1996-2012)

	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	2	26	15	20	16	63	79	41.1	38.6	1.5	1.4	1	19	7	15	13	42	55	28.3	27.6		
a. Lymphoid	1	23	12	10	9	46	55	30.9	27.7	1.3	1.4	1	16	7	11	5	35	40	23.8	20.6		
b. Acute myeloid	1	2	2	7	4	12	16	7.3	7.3	2.4	1.3	0	2	0	3	7	5	12	3.2	5.5		
c. CMD	0	0	1	1	2	2	4	1.1	1.7	-	4.0	0	0	0	0	1	0	1	-	0.4		
d. MDS & other	0	1	0	1	0	2	2	1.3	1.0	2.0	2.0	0	1	0	0	0	1	1	0.8	0.6		
e. Unspecified	0	0	0	1	1	1	2	0.5	0.8	1.0	2.0	0	0	0	1	0	1	1	0.6	0.4		
II LYMPHOMA & RELATED	0	3	5	15	31	23	54	13.4	23.4	1.4	1.7	0	1	4	12	14	17	31	9.9	13.8		
a. Hodgkin	0	1	2	7	19	10	29	5.7	12.4	2.0	2.1	0	0	1	4	9	5	14	2.8	6.1		
b. Non-Hodgkin except BL	0	2	2	6	11	10	21	6.0	9.2	1.1	1.5	0	1	1	7	5	9	14	5.3	6.3		
c. Burkitt (BL)	0	0	1	1	0	2	2	1.1	0.9	0.7	0.7	0	0	2	1	0	3	3	1.8	1.4		
d. Lymphoreticular	0	0	0	1	0	1	1	0.5	0.4	-	-	0	0	0	0	0	0	0	-	-		
e. Unspecified	0	0	0	0	1	0	1	-	0.4	-	-	0	0	0	0	0	0	0	-	-		
III CNS NEOPLASMS †	3	15	26	14	14	58	72	37.1	34.6	1.9	1.7	0	9	9	12	13	30	43	19.3	20.6		
a. Ependymoma	0	3	1	1	1	5	6	3.4	3.1	1.7	2.0	0	2	0	1	0	3	3	2.1	1.6		
b. Astrocytoma	2	5	14	6	5	27	32	17.1	15.3	1.8	2.1	0	5	7	3	0	15	15	10.0	7.7		
c. CNS embryonal	1	6	5	2	1	14	15	9.4	7.7	2.0	2.1	0	1	2	4	0	7	7	4.3	3.3		
d. Other gliomas	0	0	4	2	1	6	7	3.5	3.2	3.0	3.5	0	1	0	1	0	2	2	1.3	1.0		
e. Other specified	0	1	1	3	6	5	11	3.0	4.8	2.5	0.7	0	0	0	2	13	2	15	1.1	6.5		
f. Unspecified CNS	0	0	1	0	0	1	1	0.6	0.5	1.0	1.0	0	0	0	1	0	1	1	0.6	0.4		
IV NEUROBLASTOMA	2	10	4	0	1	16	17	11.5	9.4	0.9	1.0	7	7	2	1	0	17	17	12.7	9.9		
a. (Ganglio)neuroblastoma	2	10	4	0	1	16	17	11.5	9.4	1.0	1.1	7	7	2	0	0	16	16	12.2	9.4		
b. Peripheral nervous	0	0	0	0	0	0	0	-	-	0.0	0.0	0	0	0	1	0	1	1	0.6	0.4		
V RETINOBLASTOMA	4	3	2	0	0	9	9	6.5	5.1	4.5	4.5	1	1	0	0	0	2	2	1.6	1.2		
VI RENAL TUMOURS	3	16	4	1	1	24	25	17.4	13.9	1.8	1.9	1	9	3	0	0	13	13	9.7	7.5		
a. Nephroblastoma	3	16	4	1	0	24	24	17.4	13.5	1.8	1.8	1	9	3	0	0	13	13	9.7	7.5		
b. Renal carcinoma	0	0	0	0	1	0	1	-	0.4	-	-	0	0	0	0	0	0	0	-	-		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VII HEPATIC TUMOURS	0	3	0	0	2	3	5	2.3	2.6	0.8	0.8	1	1	1	1	2	4	6	2.7	3.0		
a. Hepatoblastoma	0	3	0	0	0	3	3	2.3	1.8	1.0	1.0	1	1	0	1	0	3	3	2.1	1.6		
b. Hepatic carcinoma	0	0	0	0	2	0	2	-	0.8	0.0	0.7	0	0	1	0	2	1	3	0.6	1.4		
c. Unspecified	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
VIII BONE TUMOURS	0	0	3	7	8	10	18	5.6	7.7	1.3	1.6	0	0	3	5	3	8	11	4.7	4.9		
a. Osteosarcoma	0	0	2	7	8	9	17	5.0	7.2	1.1	1.5	0	0	3	5	3	8	11	4.7	4.9		
b. Chondrosarcoma	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
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	1	0	0	1	1	0.6	0.5	-	-	0	0	0	0	0	0	0	-	-		
IX SOFT TISSUE SARCOMA	3	2	2	5	15	12	27	7.7	12.2	0.7	1.1	3	3	3	9	6	18	24	11.5	11.6		
a. Rhabdomyosarcoma	2	2	0	3	4	7	11	4.6	5.3	1.0	1.4	1	1	3	2	1	7	8	4.6	4.0		
b. Fibrosarcoma	0	0	1	0	1	1	2	0.6	0.9	0.5	0.7	1	0	0	1	1	2	3	1.3	1.5		
c. Kaposi sarcoma	0	0	0	0	1	0	1	-	0.4	-	-	0	0	0	0	0	0	0	-	-		
d. Other specified	0	0	1	1	7	2	9	1.1	3.8	0.3	0.9	1	2	0	4	3	7	10	4.5	4.8		
e. Unspecified	1	0	0	1	2	2	4	1.3	1.8	1.0	1.3	0	0	0	2	1	2	3	1.1	1.3		
X GERM CELL TUMOURS	1	0	0	1	2	2	4	1.3	1.8	0.3	0.2	1	0	2	3	12	6	18	3.7	8.1		
a. CNS germ cell	0	0	0	1	2	1	3	0.5	1.3	1.0	3.0	0	0	0	1	0	1	1	0.6	0.4		
b. Other extragonadal	1	0	0	0	0	1	1	0.8	0.6	-	0.3	0	0	0	0	3	0	3	-	1.3		
c. Gonadal germ cell	0	0	0	0	0	0	0	-	-	0.0	0.0	1	0	2	2	6	5	11	3.1	5.0		
d. Gonadal carcinoma	0	0	0	0	0	0	0	-	-	-	0.0	0	0	0	0	2	0	2	-	0.9		
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	1	6	8	10	15	25	8.7	11.0	1.9	1.1	0	1	2	5	15	8	23	4.8	10.2		
a. Adrenocortical	0	0	0	0	0	0	0	-	-	-	-	0	0	0	0	0	0	0	-	-		
b. Thyroid	0	0	1	2	0	3	3	1.7	1.3	1.0	0.5	0	0	0	3	3	3	6	1.7	2.6		
c. Nasopharyngeal	0	0	0	6	5	6	11	3.2	4.6	-	11.0	0	0	0	0	1	0	1	-	0.4		
d. Melanoma	0	1	1	0	0	2	2	1.4	1.1	1.0	0.7	0	0	2	0	1	2	3	1.3	1.4		
e. Skin carcinoma	0	0	1	0	0	1	1	0.6	0.5	-	-	0	0	0	0	0	0	0	-	-		
f. Other & unspecified	0	0	3	0	5	3	8	1.8	3.5	1.0	0.6	0	1	0	2	10	3	13	1.9	5.8		
XII OTHER & UNSPECIFIED	2	0	0	0	1	2	3	1.5	1.6	-	3.0	0	0	0	0	1	0	1	-	0.4		
a. Other specified	0	0	0	0	1	0	1	-	0.4	-	-	0	0	0	0	0	0	0	-	-		
b. Other unspecified	2	0	0	0	0	2	2	1.5	1.2	-	2.0	0	0	0	0	1	0	1	-	0.4		
TOTAL	20	79	67	71	101	237	338	154.1	161.8	1.4	1.4	15	51	36	63	79	165	244	109.0	118.8		

† includes 14 non-malignant in males and 16 non-malignant in females

Please consult the quality indicators for this registry

USA, Missouri, Black (1996-2012)

	Age group	Males	Females
Person-years	0	103 467	98 595
	1-4	408 177	397 576
	5-9	526 402	510 670
	10-14	540 503	525 634
	15-19	536 845	518 821
Total	0-14	1 578 549	1 532 475
	0-19	2 115 394	2 051 296
Average annual population	0-14	92 856	90 146
	0-19	124 435	120 664

Please consult the quality indicators for this registry